

OSTEOLOGY

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EARLY MAN SKULLS 1

Reproductions of hominid skulls to show the evolutionary changes. Olduvai Man from about 1,750,000 years ago, to Cro Magnon Man from 20 - 30,000 years ago. A reproduction of the well documented Piltdown Skull is included.



ZJY-520-J

ZJY-500-N

Olduvai Man Skull

A replica of a reconstruction of a skull of *Australopithecus boisei*, found in Olduvai, East Africa, in 1959. The age is about 1,750,000 years. Supplied with a leaflet giving background notes.

ZJY-520-J

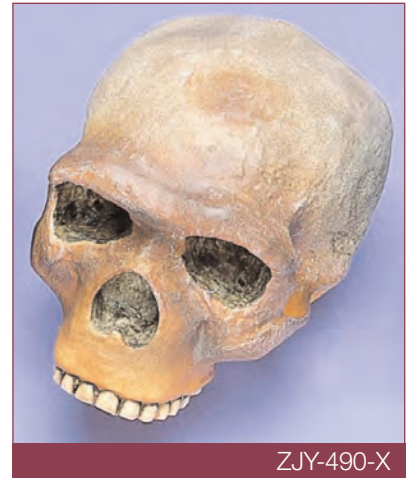
Neanderthal Man Skull

A plastic model of the fossilised skull of *Homo sapiens neanderthalensis*, the classic Neanderthal Man. Found in southern France in 1908, the fossil has been estimated at 35,000 to 45,000 years old. Supplied with leaflet giving background notes.

ZJY-550-L

Cro Magnon Man Skull

This is a model of the skull of a *Homo sapiens*, discovered in a cave in southern France in 1868 and thought to be 20,000 to 30,000 years old. Supplied with a leaflet giving background notes.



ZJY-490-X

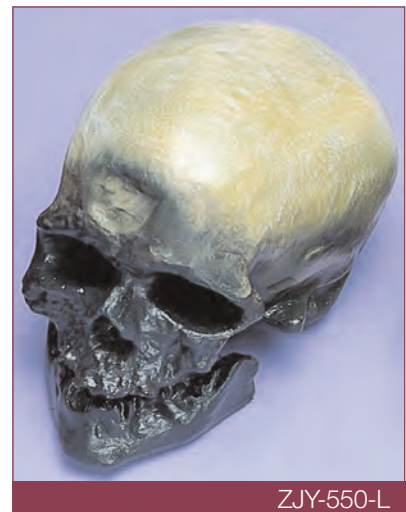
ZJY-490-X

Steinheim Man Skull

A replica of a reproduction of a skull of *Homo sapiens praesapius*. Discovered at Steinheim, near Stuttgart, in 1933, it is estimated to be about 200,000 years old. Supplied with leaflet giving background notes.

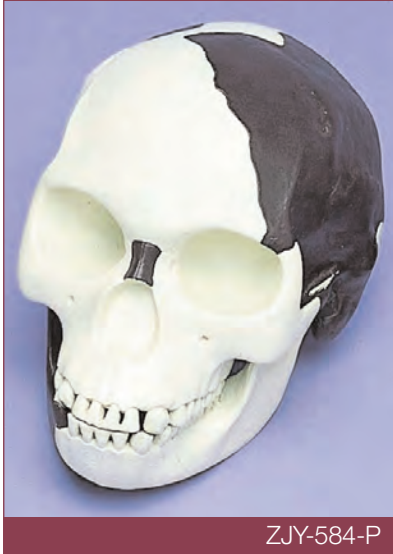


ZJY-500-N

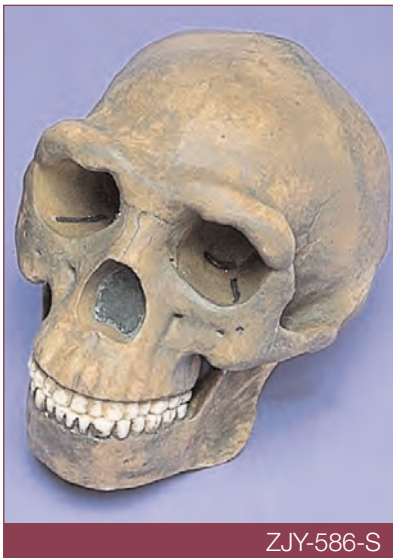


ZJY-550-L

2 EARLY MAN SKULLS



ZJY-584-P



ZJY-586-S

ZJY-586-S

Peking Man Skull

A life size model, moulded in robust plastic for the Natural History Museum from their own reconstruction. The reconstruction is of a female *Homo erectus*, based upon the remains of several individuals found in a Chinese cave in the 1930s. Various dating techniques suggest that the remains were deposited between 250,000 and 500,000 years ago. Supplied with leaflet giving background notes



ZJY-580-N

ZJY-580-N

Rhodesian Man Skull

A life size model, moulded in robust plastic for The Natural History Museum from their own reconstruction. The model is of a fossilised skull of *Homo rhodesiensis* found in 1921 at Broken Hill, Rhodesia (now Zambia). It is one of the best preserved of all human fossils and is estimated to be between 150,000 and 200,000 years old. Supplied with leaflet giving background notes.

ZJY-584-P

Pitldown Man Skull

A life size model, moulded in robust plastic for the Natural History Museum from their own reconstruction. The original reconstruction was produced by Sir Arthur Keith in 1913 and named *Eoanthropus dawsoni*. Pieces of human skull and apelike mandible were discovered in Sussex by Charles Dawson in 1910. However, in 1953, scientists from The Natural History Museum and Oxford University showed that the remains were all recent forgeries, not fossils. Supplied with leaflet giving background notes.

JOINTS, LIMBS, HANDS, FEET 3

The main joints are offered as wired, with simple ligaments, and with detailed ligaments. Miniature joints provide a low cost alternative for classroom use. The Synovial Joint model is a section through the knee joint to show its structure.

ZJY-640-K Flexible Shoulder Joint

A model of the human shoulder joint, with simple flexible ligaments, to show the movement and control of the joint. Mounted on stand, size 16x12x20cm.

ZJY-730-J Flexible Elbow Joint

A model of the human elbow joint, with simple flexible ligaments, to show the movement and control of the joint. Mounted on stand, size 12x12x39cm. 1284

ZJY-820-Y Flexible Hip Joint

A model of the human hip joint, with simple flexible ligaments, to show the movement and control of the joint. Mounted on stand, size 17x12x33cm

ZJY-880-M Flexible Knee Joint

A model of the human knee, with simple flexible ligaments, to show the movement and control of the joint. Mounted on stand, size 12x12x34cm.



ZJY-615-Z • ZJY-630-R • ZJY-685-P

ZJY-615-Z Ligamented Shoulder Joint

"A life size flexible model consisting of the upper humerus, scapula and clavicle fitted with ligaments. Supplied on stand with key card.

ZJY-630-R Movable Shoulder Joint

A life size model of the upper humerus, scapula and clavicle. The joint is articulated to show its full range of movement

ZJY-685-P Painted Ligamented Shoulder

A life size flexible model comprising upper humerus, scapula and clavicle fitted with ligaments and painted to show origins and insertions of the muscles. Supplied on stand with key card.



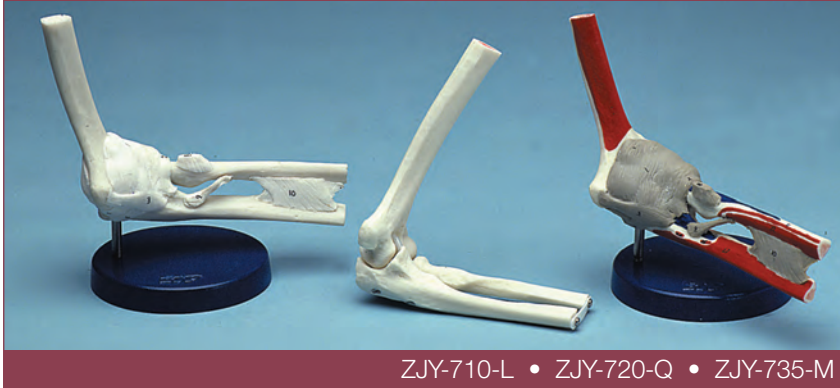
ZJY-600-P

ZJY-600-P Set of 5 Joints

A set of 5 life-size models illustrating different types of joint. The examples shown are sutures in the skull, tooth socket, ball and socket hip joint, cartilaginous joint between two vertebrae, and the tibia-fibula joint. The tooth is attached to a jaw which is cut away to show molar roots. The vertebral disc is of natural appearance and flexible, as is the tibia-fibula joint. The hip joint is carefully painted.

ZJY-640-K • ZJY-820-Y
ZJY-880-M • ZJY-730-J

4 JOINTS, LIMBS, HANDS, FEET



ZJY-710-L

Ligamented Elbow Joint

A life size flexible elbow joint fitted with ligaments. On stand with key

ZJY-720-Q

Movable Elbow Joint

A life size model showing the full range of movements and including the lower half of the humerus and the upper half of the ulna and radius.

ZJY-735-N

Painted Ligamented Elbow

A life size flexible model of the elbow joint, fitted with ligaments and painted to show origins and insertions of the muscles. Supplied on stand with key card.



ZJY-690-M

Shoulder Model

"A semi-articulating model with ligaments and the infraspinatus, teres minor, teres major, subscapularis and supraspinatus muscles with encapsulated humerus. Size 13x15x14cm.



ZJY-750-S

Movable Wrist Joint

A life size model showing the full range of movements and comprising the lower halves of the ulna and radius with the bones of the hand.

ZJY-760-L

Articulated Hand

Fully articulated with wire.

ZJY-766-V

Coloured Articulated Hand

The muscular attachments are painted on in red and blue.

ZJY-768-N

Hand on Nylon

Loosely strung on nylon.

ZJY-769-E

Hand on Elastic



ZJY-795-S

Ligamented Hip Joint

Natural size flexible model, with the floor of the acetabulum cut away to show the ligaments. On stand with key card.



ZJY-755-H

Hand and Wrist Model

Includes bones of the hand and wrist. Shows the interosseous muscle, median, ulnar and radial nerve, tendons, ligaments and arteries. Transverse ligament can be cut to show carpal tunnel syndrome. On stand with key card.

JOINTS 5



ZJY-870-T



ZJY-865-R

ZJY-870-T Movable Knee Joint

Comprises the lower half of the femur, the patella and the upper halves of the tibia and fibula. The full range of movement of the joint can be demonstrated.

ZJY-865-R Ligamented Knee Joint

Natural size flexible model fitted with ligaments. On stand with key card.

ZJY-810-P Movable Hip Joint

A life size model articulated to demonstrate the full range of movement of the natural ball and socket joint.

ZJY-822-F Painted Ligamented Hip Joint

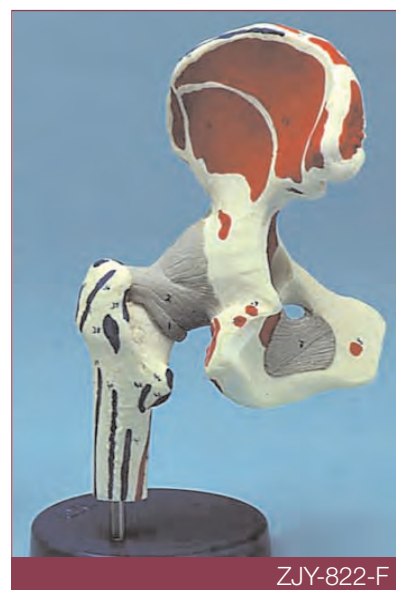
A life size flexible model of the hip joint, fitted with ligaments and painted to show origins and insertions of the muscles. Supplied on stand with key card.

ZJY-830-Q Hip Model

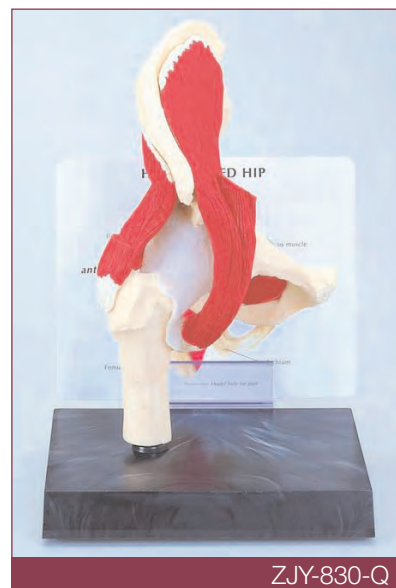
"A semi-articulating femur head with articular capsule. Muscles include obdurator externus, glutinous medius, gamellus superior and inferior, iliacus with branch of psoas major. Size 12x14.5x19cm.



ZJY-810-P



ZJY-822-F



ZJY-830-Q

6 JOINTS, LIMBS, HANDS, FEET



ZJY-885-W
Painted Ligamented
Knee Joint

A life size flexible model of the knee joint with patella, fitted with ligaments and painted to show origins and insertions of the muscles. Supplied on stand with key card.



ZJY-905-F
Foot and Ankle Model

Includes bones of the foot and ankle, lower half of tibia and fibula. Depicts all major muscles, nerves, arteries and tendons. On stand with key card.



ZJY-895-B
Knee Model

Full size, semi-articulating model with meniscus, fibular, tibial, anterior and posterior cruciate ligaments; extended patellar ligament connected to section of quadriceps. Size 9x7.5x25cm.



ZJY-910-H
Articulated Foot



ZJY-916-R
Coloured Articulated
Foot

As ZJY-910-H, with the muscular attachments painted on in red and blue.



ZJY-900-X
Movable Ankle Joint

Comprising the lower halves of the tibia and fibula with the bones of the foot and ankle to show the range of natural movement.

JOINTS, LIMBS, HANDS, FEET 7



ZJY-918-L Foot on Nylon

The bones of the foot, loosely strung on nylon.

ZJY-919-E Foot on Elastic

The bones of the foot, strung on elastic.



ZJY-920-A Articulated Leg with Pelvis

A life size articulated leg and foot showing natural movements and complete with removable half pelvis.

ZJY-921-N Articulated Leg & Pelvis,

Foot on Nylon

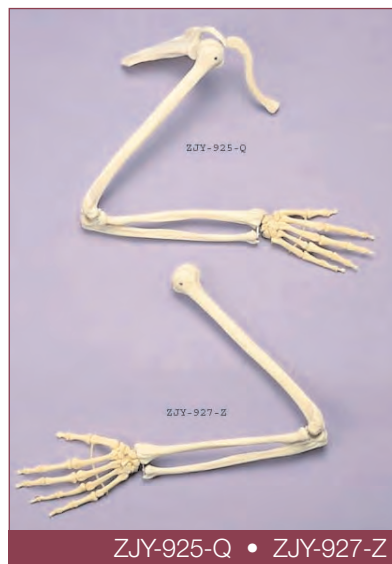
ZJY-922-Z Articulated Leg

As ZJY-920-A but without half pelvis.

ZJY-923-L Articulated Leg, Foot on Nylon

ZJY-925-Q Articulated Arm with Scapula and Clavicle

A life size articulated arm and hand, showing natural movement and complete with removable scapula and clavicle.



ZJY-926-N Articulated Arm with Scapula and Clavicle

Hand on Nylon

ZJY-927-Z Articulated Arm

As ZJY-925-Q but without scapula and clavicle.



ZJY-930-A Arm Model

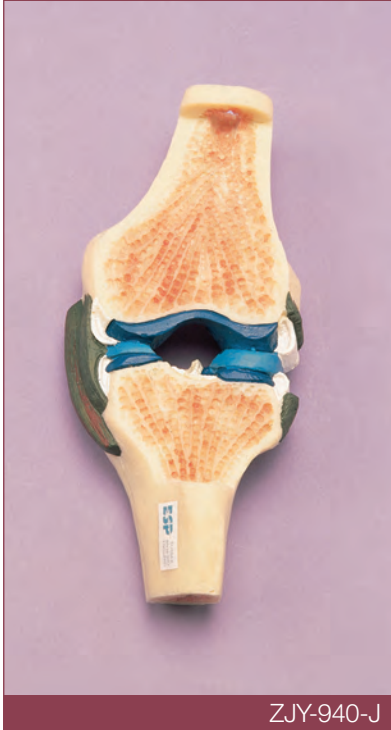
Includes the hand bones, radius, ulna, humerus, scapula and clavicle. Depicts all major muscles, nerves, veins, arteries and ligaments of the shoulder, elbow and hand. Fully flexible. Mounted on stand, height 65cm.



ZJY-935-L Leg Model

Includes the foot bones, tibia, fibula, femur, coccyx and sacrum and innominate. Depicts all major muscles and nerves of the hip, knee and foot. Hip capsule is present and the femur can be removed. A 'Bucket Handle' tear is depicted on the knee. Fully flexible. Mounted on stand, height 75cm.

8 JOINTS, LIMBS, HANDS, FEET



ZJY-940-J

ZJY-940-J

Synovial Joint

Rigid life size model to show bone structure (in section), articular disc, articular cartilage, synovial membrane and capsular ligament. Components are coloured to assist identification and certain sections have been removed to reveal the underlying structures.

ZJY-945-F

Femur Head showing Osteoporosis

The head and upper end of an adult femur, divided longitudinally and hinged. One half is normal, the other shows the effects of osteoporosis on the surface and structure of the bone. Supplied on stand.



ZJY-945-F

ZJY-950-C

Movable Occipital Joint

Atlas, axis and occipital bones, on base, independently movable.

ZJY-951-M

Movable Occipital Joint

As ZJY-950-C but unmounted.

ZJY-952-N

Ligamented Occipital Joint

Similar to ZJY-950-C but rigid, fully ligamented. Supplied on stand with key card.

ZJY-953-P

Painted Ligamented Occipital Joint

As ZJY-952-N painted to show origins and insertions of muscles. Supplied on stand with key card.



ZJY-950-C • ZJY-952-N • ZJY-953-P

MINIATURE JOINTS

These are miniature joints, articulated to show natural movement.

Each is approximately 15cm long.



ZJY-605-S

ZJY-605-S

Set of Four Miniature Joints

ZJY-606-010W

Miniature Knee Joint with Patella

ZJY-606-020T

Miniature Shoulder Joint

ZJY-606-030Q

Miniature Elbow Joint

ZJY-606-040N

Miniature Hip Joint

LIFTING MANIKIN 9

ZKJ-310-K

Lifting Manikin

A unique model which graphically illustrates the effect on the spine of a bad lifting posture. The figure will raise a weight from either of two clearly marked positions. If the correct position is used the spine is not distorted. The incorrect posture causes obvious distortion to the spine. The base incorporates anatomical illustrations of the effect upon the spine and a background booklet is provided. 23x15x15cm.



ZKJ-310-K

PELVIS MODELS

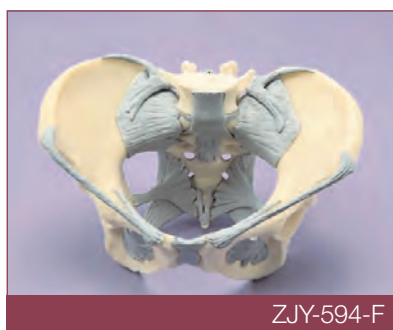


ZJY-590-G

ZJY-590-G

Female Pelvis

Life size articulated pelvis with 5th lumbar vertebra. Ideally suited for midwifery studies in conjunction with our foetal dolls. It is made in our realistic bone-like material and can be articulated into 4 parts.



ZJY-594-F

ZJY-594-F

Female Pelvis, Ligamented

As ZJY-590-G with ligaments. Cannot be disarticulated.



ZJY-598-E

ZJY-598-E

Flexible Female Pelvis

Life size pelvis made of flexible plastic to allow demonstration of various types of malformed pelvis, e.g. flat, irregular, contracted, together with the difficulties such deformities present during labour



ZJY-591-H

ZJY-591-H

Female Pelvis with Femurs

As ZJY-590-G, but including the upper parts of the femurs.

ZJY-592-R

Male Pelvis

Can be articulated into 4 parts

ZJY-596-M

Miniature Pelvis

A Miniature pelvis, as supplied with the Miniature Birth Model Set ZKK-258-B



ZJY-597-N

ZJY-597-N

Female Pelvis, Ligamented, with Nerves

As ZJY-594-F but with the addition of the main nerves. Cannot be disarticulated.



ZJY-599-J

ZJY-599-J

Juvenile Female Pelvis

A life size pelvis, moulded from a female of about 12 years old. Disarticulates into 4 parts.

10 SKELETONS - DISARTICULATED

Half Skeletons, Bones - From boxed sets for medical students to individual bones.

ZJY-124-R

Disarticulated Skeleton

Complete life size adult female skeleton with 2 part skull. All bones disarticulated except those of the hands and feet.

Disarticulated Half Skeletons

These are ideal for individual study by students. They are made to the same exacting standards as our articulated skeletons and their robustness gives long service, even when subjected to continuous handling.

ZJY-130-L

Disarticulated Half Skeleton, 2 Part skull

Life size model adult female skeleton. Comprises uncut skull, vertebral column strung on nylon, complete arm with scapula and clavicle, complete leg with half pelvis, half set of ribs, sternum and articulated hand and foot.

ZJY-132-N

Disarticulated Half Skeleton, 2 Part Skull, Hands and Feet on Nylon



ZJY-136-V

ZJY-136-V

Disarticulated Half Skeleton, 3 Part Skull

A life size model adult female skeleton. Comprises skull with calvarium cut, vertebral column strung on nylon, complete arm with scapula and clavicle, complete leg with half pelvis, half set of ribs, sternum and articulated hand and foot.

ZJY-139-P

Disarticulated Half Skeleton, 3 Part Skull, Painted

ZJY-140-B

Plastic Box for Disarticulated Skeletons

Size 49x19x27cm with lid.

ZJY-138-L

Disarticulated Half Skeleton, 3 Part Skull, Hands and Feet on Nylon



ZJY-139-P • ZJY-140-B

SKELETON - MEDICAL 11

These skeletons are produced to exacting standards in a unique plastic material having the feel, appearance and weight of real bone. Unlike real bone, this high impact semi-rigid material is virtually unbreakable. Hot climates do not distort the material.

The mouldings have been taken from the best specimens available. Fine surface detail is rendered accurately and the strength of the material ensures a long working life. Joints are articulated to give natural movement, the fittings are made from materials which do not corrode.



ZJY-116-M • ZJY-121-W

ZJY-117-X Skeleton, Female, 3 Part Skull

As ZJY-116-M but with 3 part skull.

ZJY-118-B Skeleton, Male

A male version of ZJY-116-M

ZJY-119-Y Skeleton, Male, 3 Part Skull

As ZJY-118-B but with 3 part skull.

ZJY-121-W Skeleton Stand

A hanging stand with 5 wheels, suitable for use with any skeleton which hangs from the head.

ZJY-116-M Skeleton, Female

This is a life size, fully articulated model of an adult female skeleton, manufactured to the highest standards. The bones show the fine surface features and great attention has been paid to details such as tuberosities, notches, etc. The vertebral discs are accurately moulded from a strong flexible material to give a natural appearance. A herniated disc is shown in the lumbar region. The articulation is unobtrusive and gives realistic movement and easy removal of the limbs. Each rib is individually articulated and anatomically correct. The skull is uncut, with articulated jaw, and is highly accurate. Supplied with dust cover but without stand. Height 162cm.

ZJY-160-N Skeleton Showing Muscular Attachments

Skeleton as ZJY-116-M with origins and insertions of the major muscles painted in red and blue on one side. Supplied with key card and cover but without stand.

ZJY-161-X Skeleton Showing Muscular Attachments, 3 Part Skull

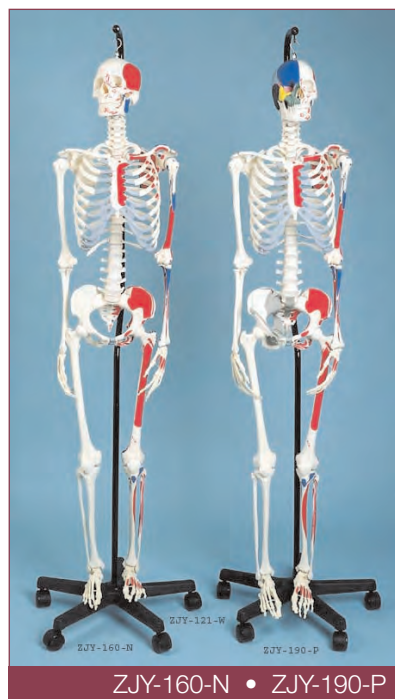
As ZJY-160-N but with 3 part skull.

ZJY-190-P Skeleton Showing Muscular Attachments and Ligaments

Skeleton as ZJY-116-M with muscle attachments shown on one side. The other side of the skull is painted to show the different bones and half the pelvis is ligamented. Supplied with key card and cover but without stand.

ZJY-191-Y Skeleton Showing Muscular Attachments and Ligaments, 3 Part Skull

As ZJY-190-P but with 3 part skull.



ZJY-160-N • ZJY-190-P

12 SKELETONS - MINIATURE - SKELETONS/STANDARD

About 66cm high, these are ideal where portability is needed. The plastic is not brittle and the joints show natural movement.



ZJY-250-M

Miniature Skeleton

A small scale model of the human skeleton, approx 66cm high, for teaching basic anatomy. Produced in lightweight and durable synthetic material having the colour and general appearance of bone. Articulated at the main joints of shoulder, elbow, wrist, hip, knee and ankle to show the relevant joint movements. The hands and feet, whilst moulded as single units, show the main bones. The skull, with articulated lower jaw, shows the main sutures. Supplied without stand.

ZJY-280

Miniature Skeleton Showing Muscular Attachments

As ZJY-250-M with origins and insertions of the major muscles painted in red and blue on one side.

ZJY-284-N

Adjustable Metal Stand for Miniature Skeletons



ZJY-230-R

Skeleton, Flexible Spine with Nerves

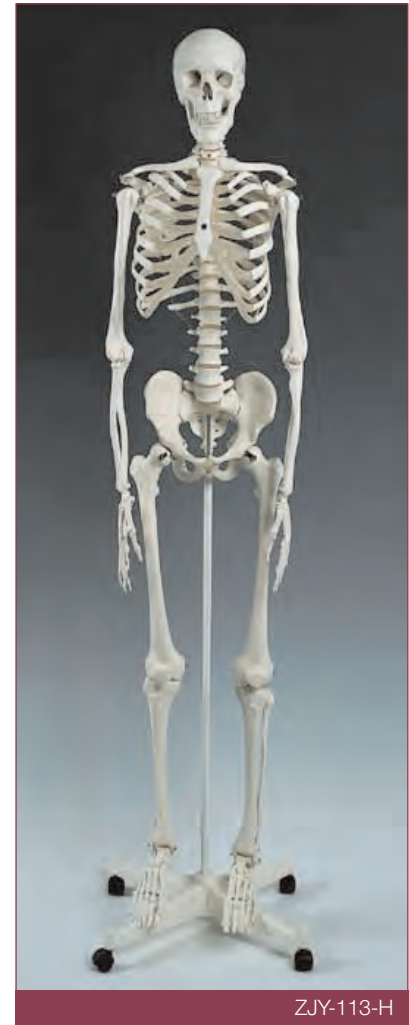
This is a full size male skeleton, cast from a mature adult specimen to show excellent surface detail. The limbs and the skull are removable. The skull has a removable calvarium which is not drilled, the mandible and the teeth are removable. The spine is flexible to show a normal range of movement, it includes nerve roots, arteries, herniated lumbar disc and dissectible sacrum. The rib cage can be manipulated to simulate breathing. Supplied with dust cover and 5 leg wheeled base. Height 180cm on base.



ZJY-230-R

These skeletons were moulded from a selected young adult male. The reproduction process gives surface quality suitable for most purposes at a very attractive price. The skeletons are supported from the pelvis, have a 3 part skull with removable calvarium and articulated mandible, and are supplied with a wheeled stand and plastic dust cover.

For the more demanding user, medical quality skeletons are listed from ZJY-116-M



ZJY-113-H

SKELETONS - STANDARD 13



ZJY-206-S

ZJY-113-H Human Skeleton, Standard Model

A life size articulated plastic model of a human male skeleton. The arms and legs may be removed for individual study. The skull is removable and dissects into 3 parts. Mounted on a wheeled stand and supplied with dust cover, 160cm high without stand.

ZJY-206-S Human Skeleton, with Ligaments

The same skeleton as ZJY-113-H, with the main ligaments of the right shoulder, elbow, hip and knee added. The joints are movable.

ZJY-220-K Human Skeleton, with Flexible Spine

The same skeleton as ZJY-113-H but made with the spine flexible to allow demonstration of the natural range of movements. The spine also shows the nerves emerging and the arteria vertebralis.

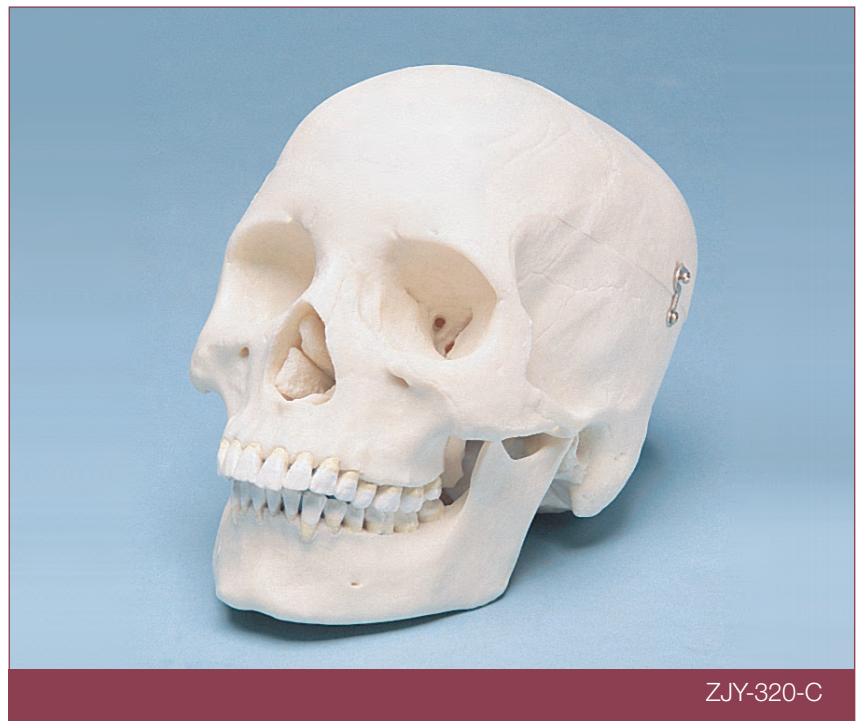
SKULLS, LOWER JAW



ZJY-226-A

ZJY-226-A Human Skeleton, Special Model

The same skeleton as ZJY-220-K, with the main ligaments of the right shoulder, elbow, hip and knee added; the joints are movable. Muscle insertions are coloured blue and origins red on the left side. The spine is flexible and shows nerves and arteria vertebralis. The bones of the right side are numbered and a key provided.



ZJY-320-C

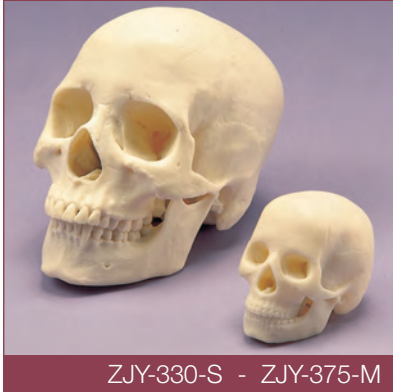
ZJY-320-C 3 Part Skull, Medical

A life size adult skull, horizontally sectioned with removable vault and jaw, made from a unique specially formulated plastic with the look and feel of real bone. This material allows reproduction of fine anatomical detail to the most exacting requirements. The mandible with full dentition is articulated and is removable. The vault lifts to expose all the internal

features of the cranium.

The separate skull bones are clearly shown and meticulous moulding distinguishes such detail as the fine bones of the nasal concha, internal carotid artery canal and full size styloid processes. The key card supplied lists all the detail shown including foramina, nerve grooves etc.

14 SKULLS, LOWER JAW

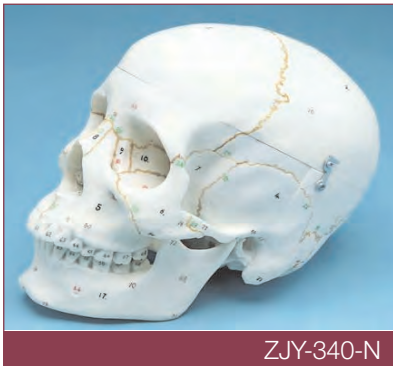


ZJY-330-S - ZJY-375-M

ZJY-330-S

2 Part Skull, Medical

As ZJY-320-C but without removable vault or key card.

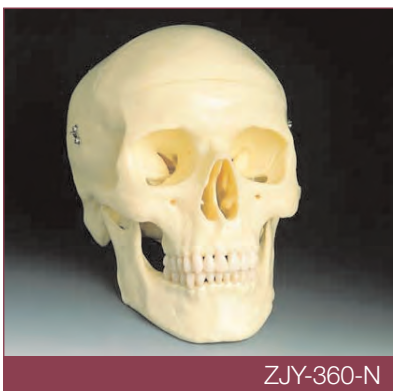


ZJY-340-N

ZJY-340-N

Numbered Skull, Medical

3 Part skull as ZJY-320-C but with sutures coloured and with foramen, sutures and bones numbered in different colours for easy reference. Supplied with key card.



ZJY-360-N

ZJY-360-N

3 Part Skull, Standard

A three part model of the human skull, with mandible and calvarium removable.



ZJY-342-B - ZJY-345-M

ZJY-342-B

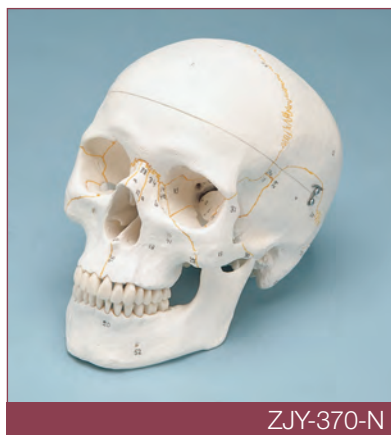
Painted Skull, to Show Bone Structure

3 Part skull as ZJY-320-C but with the main bones of the skull coloured for easy identification. Supplied with key card.

ZJY-345-M

Painted Skull, to Show Muscular Attachments

3 Part skull as ZJY-320-C but with the origins and insertions of the muscles painted in red and blue on one side. Supplied with key card.



ZJY-370-N

ZJY-370-N

Numbered Skull, Standard

A three part model of the human skull, with calvarium and mandible removable. The skull is numbered and a key card provided to identify the major features. The sutures are coloured for better visibility.

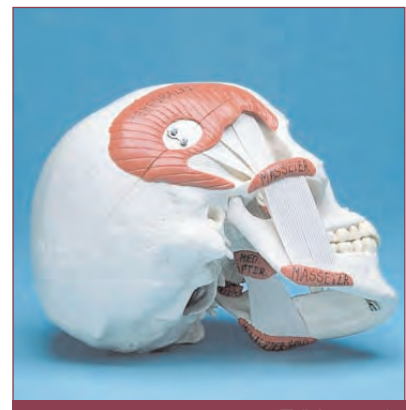


ZJY-380-G

ZJY-380-G

Neuro-vascular Skull

Our life size adult skull (ZJY-320-C) with seven cervical vertebrae mounted on a stand. The arteries are shown on one side and nerves on the other. Removing the vault exposes the main nerves and arteries on the floor of the cranium. The 12 cranial nerves and the distribution of their branches is also shown.



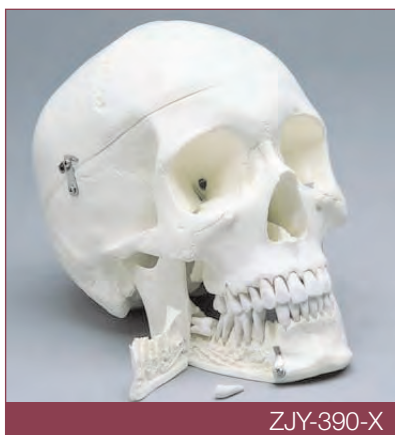
ZJY-386-J

ZJY-386-J

TMJ Ligamented Skull

The same skull as ZJY-360-N, with the ligaments of the temporomandibular joint added. The mandible is movable but not removable.

SKULLS, LOWER JAW 15



ZJY-390-X

ZJY-390-X

4 Part Special Skull

The calvarium and mandible are removable, a flap on the mandible is also removable to show roots and nerve canal, together with an impacted third molar. The teeth are rooted and extractable.



ZJY-395-L

ZJY-395-L

10 Part Special Skull

The skull cap and jaw are removable, the rest of the skull is medially sectioned into two halves. Perpendicular plate of ethmoid and vomer fold back to show lateral nose wall and sphenoid sinus. The left temporal bone is removable and the maxilla and mandible open to reveal alveolar vessels and nerves. The right temporal bone shows sigmoid sinus, canalis facialis and semicircular canals. A flap opens to expose roots of premolars and molars, all the teeth are removable. The skull is painted to show sinuses, arteries and cranial nerves.



ZJY-450-C

ZJY-450-C

Cervical Skull

A 3 part skull flexibly mounted on the cervical section of the spine, complete with nerves, brain stem, vertebral arteries with circle of Willis. On stand, not removable.

ZJY-407-P

Cervical Skull, Painted

The skull as ZJY-405-C painted to show the origins and insertions of the muscles in red and blue on one side. Supplied with key card.

ZJY-409-N

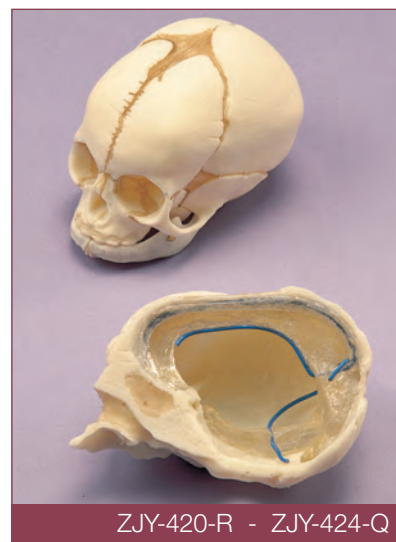
Cervical Skull, Numbered

The sutures are coloured and all the bones numbered. Supplied with key card.

ZJY-420-R

Foetal Skull

A very realistic model in our unique bone-like material.



ZJY-420-R - ZJY-424-Q

ZJY-420-R

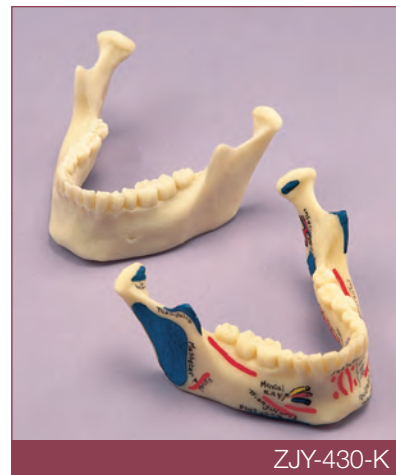
Foetal Skull

A very realistic model in our unique bone-like material.

ZJY-424-Q

Foetal Half Skull

A vertical section showing membrane.



ZJY-430-K

ZJY-430-K

Lower Jaw

Mandible with full dentition.

ZJY-434-J

Lower Jaw, Painted

Mandible showing muscular attachments, arteries, veins, nerves and salivary glands painted on and labelled.

16 SPINES

Models of the spine may be rigid or flexible, and with or without pelvis, or nerves, or femur ends, or ribs.

A miniature version is available.

Widely used to show the dangers of careless lifting.



ZJZ-100-M

ZJZ-110-B

ZJZ-100-M

Vertebral Column, Standard, Flexible

A life size vertebral column model, complete with pelvis and occipital bone. The nerves and brain stem are shown and a herniated disc is present. The sacrum is dissectible to show the cauda equina. Without stand, see ZJZ-200-P. Approx 74cm long.

ZJZ-110-B

Vertebral Column, Basic

A flexible vertebral column with pelvis, occipital bone, vertebral artery, nerves and prolapsed disc. The sacrum is not dissected and the brain stem is not present. Without stand, see ZJZ-200-P.

ZJZ-120-Y

Vertebral Column, Standard, with Femur Ends

The same model as ZJZ-100-M, with the addition of movable femur ends. Length approx 83cm. Without stand, see ZJZ-200-P



ZJZ-130-T - ZJZ-120-Y

ZJZ-130-T

Vertebral Column, Standard, Painted

The same model as ZJZ-100-M, with movable femur ends and the origins and insertions of the muscles painted onto the right femur end and innominate bone, with key card. Without stand, see ZJZ-200-P.

ZJZ-201-J

Dual Stand for Vertebral Columns

To fit standard vertebral column models. Height approx 86cm.



ZJZ-120-Y

ZJZ-245-E

Flexible Lumbar Spine

A life size, flexible model of the lumbar vertebrae, sacrum and coccyx with nerves, herniated disc and removable cover to show cauda equina. The model is mounted on a stand, from which it can be removed, size 40x14x13cm.



ZKJ-250-G

ZJZ-250-G

Lumbar Spine Model

A life size model of the lumbar vertebrae, sacrum and coccyx. The paths of the main nerves are shown and the sacrum has a removable flap to show them more clearly. A herniated disc is shown. The model is flexible and mounted on a stand size 12x12x34cm.



ZJZ-300-C
Miniature Spine Model

A 30cm high miniature model of the human spine. The model is flexible and the nerves are shown. With stand.



ZJY-999-N
Flexible Spine, Medical, with Nerves and Pelvis

As ZJY-997-S, with the addition of a pelvis. Without stand, see ZJY-990-V.



ZJY-987-D
Flexible Spine, Medical, with Tilt and Torsion

Spine with positionable nerves, plexi and pelvis, articulated to demonstrate tilt and torsion. The symphysis pubis and sacro-iliac joints are slightly flexible to enable demonstration of rotation of the pelvis. Stand and key card included.

ZJY-988-C
Flexible Spine, Medical, with Simple Nerves

Spine with positionable nerves without nerve plexi and without stand, see ZJY-990-V

ZJY-989-Y
Flexible Spine, Medical, with Pelvis and Simple Nerves

As ZJY-988-C, with pelvis. Without stand, see ZJY-990-V.

ZJY-997-S
Flexible Spine, Medical, with Nerves

This spine has simple, non-positionable nerves. The brain stem is present, the sacrum has a removable cover to show the cauda equina. Without stand, see ZJY-990-V.



ZJZ-510-R
Spine, Medical, with Rib Cage

A life size flexible spine with pelvis and rib cage, including scapulae. Femur ends and humerus ends are articulated to give natural movement. Nerves with cervical, brachial, lumbar and sacral plexi are present. Vertebral arteries are shown. Stand included.

ZJZ-520-P
Spine, Medical, with Rib Cage, Painted

As ZJZ-510-R but with the origins and insertions of the major muscles painted in red and blue on one side, with key card. Stand included.

18 SPINES



ZJY-972-W
Rigid Spine, Medical

Without stand.

ZJY-974-K
Flexible Spine, Medical

Without stand.

ZJY-976-V
**Rigid Spine, Medical,
with Pelvis**

Without stand.

ZJY-978-J
**Flexible Spine, Medical,
with Pelvis**

Without stand.

ZJY-979-B
**Flexible Spine, Medical,
with Pelvis and Femur
Ends**

Without stand.

ZJY-990-V
**Stand for Medical
Spines**



ZJZ-140-G
**Vertebral Column,
Standard, Heavy Duty**

The same model as ZJZ-100-M, made with a flexible metal tube for more intensive use.

ZJZ-150-B
**Vertebral Column,
Standard, Heavy Duty,
with Femur Ends**

The same model as ZJZ-140-G, with the addition of movable femur ends.

ZJZ-160-C
**Vertebral Column,
Standard, Colour Coded**

With the same features as ZJZ-110-B but the different sections of the spine are defined by colour.

ZJZ-165-F
**Vertebral Column,
Standard, Colour
Coded, with Femur
Heads**

The same model as ZJZ-160-C but with the addition of femur heads.



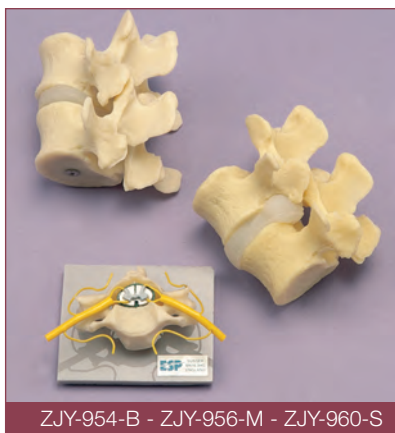
ZJZ-190-S
**Vertebral Column,
Standard, with Soft
Discs**

A flexible spine with pelvis and nerves. This model features soft intervertebral discs which deform during positioning. It is possible to demonstrate various pathological conditions and the special mounting allows unobstructed viewing. The stand is included. Height 105cm.

ZJZ-201-J
**Stand for Vertebral
Column**

VERTEBRAE 19

Another way to show the dangers of poor lifting technique. Flexing the spine shows the compression which the discs suffer under load. Each spine model has a herniated lumbar disc



ZJY-954-B - ZJY-956-M - ZJY-960-S

ZJY-954-B

Vertebral Joint

Two lumbar vertebrae joined by moulded, flexible simulated cartilage.

ZJY-956-M

Slipped Disc

Two lumbar vertebrae incorporating a herniated disc.

ZJY-958-A

Two Vertebrae

Two lumbar vertebrae with nerves incorporating a herniated disc.

ZJY-960-S

Vertebra

A single cervical vertebra, together with a section of the spinal cord showing the white and grey matters, anterior and posterior horns and associated nerves. Mounted on a base.



ZJY-958-A

ZJY-958-A

Two Vertebrae

Two lumbar vertebrae with nerves incorporating a herniated disc.

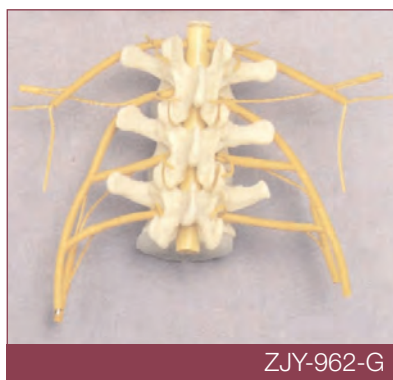


ZJY-961-M

ZJY-961-M

Two Vertebrae with Nerves

Two lumbar vertebrae, complete with associated nerve plexus and intervertebral disc



ZJY-962-G

ZJY-962-G

Three Vertebrae

Lumbar vertebrae 2, 3 and 4. Complete with associated nerve plexus, one normal and one herniated intervertebral disc.



ZJY-966-F

ZJY-966-F

Lumbar Vertebrae and Sacrum

Lumbar vertebrae 4 and 5, with sacrum. Shows nerves coloured yellow, including the sacral plexus and intervertebral discs. With hook for hanging.



ZJY-967-W

ZJY-967-W

Lumbar Vertebrae and Pelvis

Five lumbar vertebrae complete with pelvis, a herniated disc and nerves, showing lumbar and sacral plexi.



ZJZ-220-D

ZJZ-220-D

Dissectible Lumbar Vertebrae

Two lumbar vertebrae with nerves. Supplied with three interchangeable discs, two herniated, one lateral, one dorsal and one normal disc. Mounted on stand but dissectible into 6 parts. Size 12x12x12cm.

20 VERTEBRAE



ZJY-991-X - ZJY-992-Y - ZJY-995-N

ZJY-991-X

Cervical Vertebrae and Skull Base

Seven vertebrae complete with nerves, showing the cervical plexus.

ZJY-992-Y

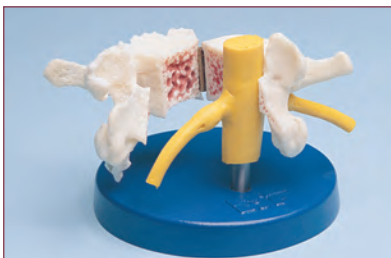
Thoracic Vertebrae

Twelve vertebrae complete with nerves.

ZJY-995-N

Lumbar Vertebrae

Five lumbar vertebrae with nerves showing the lumbar plexus, and one herniated disc.



ZJZ-240-A

ZJZ-240-A

Vertebra showing Arthritis and Osteoporosis

A single adult vertebra and nerve, divided longitudinally and hinged. One half is normal, the other shows outgrowths from arthritis and erosion from osteoporosis. Supplied on stand.



ZJZ-205-M

ZJZ-205-M

Lumbar Vertebrae with Muscles

Three life size lumbar vertebrae with intervertebral discs, spinal cord and nerve roots. The anterior longitudinal and supraspinal ligaments are present. Sections of the psoas muscle and the five main back muscles are present, both are removable to show the attachments. Dissectible into three parts. Supplied on stand with key card. Size 17x14x15cm.



ZJZ-235-V

ZJZ-235-V

Comparative Vertebrae Set

Comprises atlas, axis, a cervical, two thoracic with disc, and a lumbar vertebra, mounted on a stand and removable. The articulating surfaces are coloured for easy identification. Numbered with key card. Size 12x12x22cm.



ZJZ-400-S

ZJZ-400-S

Lumbar Vertebrae Set

Four sets of L4, and L5 with disc for comparison. One normal, one with prolapsed disc, one shows a thinning disc with arthritic bone spurring and the other shows a seriously degenerated disc with bone fusing. Mounted on a wooden base, the models are removable and flexible. Size 34x8x10cm.

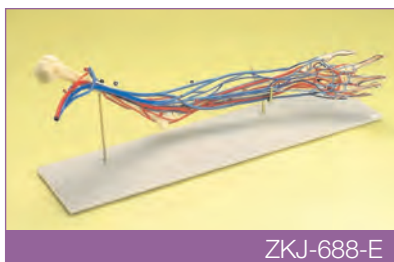
CIRCULATION - DIGESTION 21



ZKJ-678-L



ZKJ-680-A



ZKJ-688-E



ZKJ-718-W

ZKJ-678-L

Vein and Artery Structure

Greatly enlarged plaque model, featuring a typical vein and artery, sectioned to indicate the various layers and the depth of penetration of the vasa vasorum. With the vein sectioned to show valves, the arterial and venous nerve network clearly shown for comparison, and including arteriovenous anastomoses.

On base 28x30.5cm, complete with key card.

ZKJ-680-A

Arteriosclerosis Model

A greatly enlarged model of an artery depicting arteriosclerotic changes in four stages, from slight sedimentation to a completely clogged vessel. On base 34.5x11.5x11.5cm.

ZKJ-688-E

Vascular Arm

Life size model of the left arm and hand in a semi-flexed position with the brachial, radial and ulnar arteries and accompanying veins with their radicals in situ. The complete circulatory system of the hand is shown on both palmar and dorsal surfaces. Comparative sizes of the various blood vessels are clearly indicated and facilitate the study of the blood circulation in the arm. Mounted on stand with key card. Size 66x18x28cm.

ZKJ-718-W

Foetal Circulation

A one piece, half schematic model of the foetal heart, lungs, liver, placenta and cord, aorta and vena cava in distinctive colours and marked to show the circulation and direction of flow of the blood. Mounted on base 30x46cm.



ZKJ-739-A

ZKJ-737-X

Digestive System

An almost life size model of the human digestive system from mouth to anus, including liver and gall bladder. A portion of the colon is removable to show the internal structure.

On base, size 33x81x10cm.

ZKJ-739-A

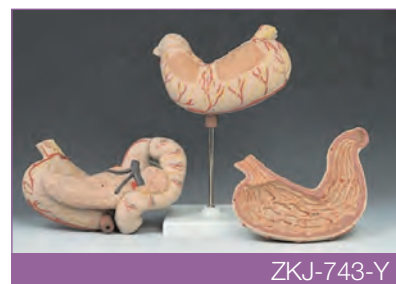
Digestive System, 4 Part

The model as ZKJ-737-X, with the addition of a stomach cover.

ZKJ-743-Y

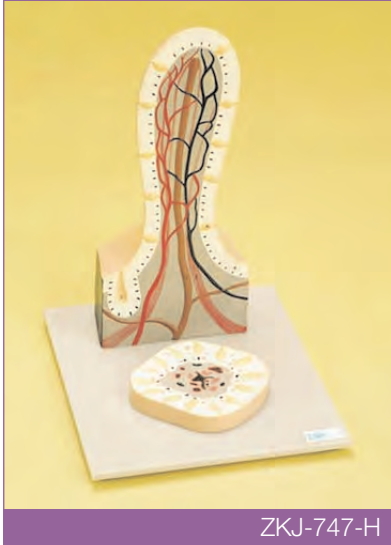
Stomach Model

A life size 2 part model of the human stomach. The model separates into two parts to show the internal structure and the junctions with the oesophagus and duodenum. The peritoneum is shown together with major arteries and nerves. On stand, size 19x12x25cm.



ZKJ-743-Y

22 CIRCULATION - DIGESTION - EARS



ZKJ-747-H

ZKJ-747-H

Villus

This greatly enlarged 2-part model of a villus from the small intestine shows detail from a transverse and longitudinal section. Mounted on base 17.5x15cm, with key card.

ZKJ-749-S

Pancreas and Duodenum

This highly detailed life-size model shows the structure and the relationships between these important organs and their related vessels. With key card. Size 20x13x10cm.



ZKJ-749-S

ZKJ-750-R

Liver, Pancreas and Duodenum

This relief model shows the relationship between these organs. The organs are dissectioned to reveal the ducts and their orifices. The main blood vessels are depicted. On a base with key card. Size 4x20x18cm.



ZKJ-750-R

ZKJ-753-B

Liver

A life size model which is coloured to show major anatomical features and also peritoneal reflections. With key card. 20x13x9cm.



ZKJ-753-B

ZKJ-757-B

Liver Lobule

This greatly enlarged model shows the fine detail of a single liver lobule, which is sectioned and shown in relationship to portions of surrounding lobules. The fine coloring distinguishes the portal veins and vessels, venous sinusoids and central veins with sections through the bile canaliculi. With key. 25x15x6cm.



ZKH-325-B

ZKH-325-B

Ear Bones

These life size replicas of the malleus, incus and stapes, cast from real bones, are labelled and embedded in clear plastic. Size 5.7cm diameter x 2cm.

ZKH-330-Q

Life Size Ear

The model shows the external ear, auditory canal, drum, ossicles, semi-circular canals, cochlea, eustachian tube and auditory nerve. 15x13x5cm.



ZKH-325-B



ZKH-330-Q



ZKH-347-N

ZKH-347-N

Ear Model, 4 Part

A 3 times enlarged model of the human ear in its anatomical setting. The external ear and canal is shown, the ear drum with malleus, incus and stapes is removable, as is the cochlea which dissects into 2 parts. On base, with key card, size 34x16x19cm.

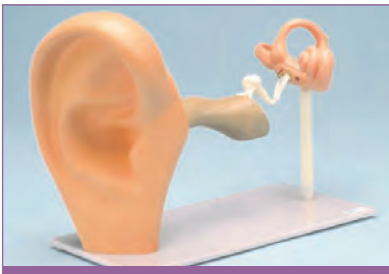


ZKH-368-Q

ZKH-368-010D

Ear Drum

Replacement drum for ZKH-368-Q.



ZKH-368-Q

ZKH-368-020B

Cochlea & Semi-circular Canals

Replacement parts for ZKH-368-Q.

ZKH-368-Q

Ear

Model of ear approximately 3 times enlarged. Particularly suitable for school use to demonstrate the anatomy of the ear. The pinna, eustachian tube and auditory nerve are clearly shown; the ear bones, tympanic membrane, semicircular canals and cochlea are removable. Mounted on base with colour chart. Separates into 3 parts. 33x13x23cm.



ZKH-400-G

ZKH-400-G

Special Senses

A unique model specifically designed to aid understanding of the five special senses - Sight, Smell, Taste, Hearing, Balance - with their related nerves. A life-size skull with removable eye and sectioned tongue. Portions of the skull are sectioned to ensure every important nerve is shown and the trigeminal nerve is flexible to allow exposure of the underlying petrosal nerve. Component bones are identified. The model is complete with an 18 - minute lecture on audio cassette and a key card. 19x15x15cm

ZKH-370-L

Ear, Black

As ZKH-368-Q, but pinna with Black skin.

ZKH-388-C

Functional Ear Model

Enlarged approximately 3 times. shows pinna, auditory canal, tympanic membrane, ear bones, cochlea and semicircular canals isolated from surrounding tissues. Mounted on stand so that the effects of vibration can be demonstrated. Overall dimensions 28x21.5x14cm. Supplied with key card.

24 EYES

ZKH-420-E

Eye Model

Enlarged approximately x 4. A detailed horizontal section of the human eye, showing all the main anatomical features. The cornea is clear and the lens removable. With integral stand and key card. 15x10x10cm.

ZKH-420-010L

Lens

Replacement lens for ZKH-420-E.

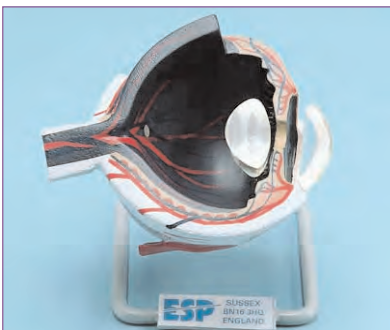
ZKH-428-N

Eye Section

Enlarged approximately x4. Schematic model, with the parts brightly coloured for clarity. Represents a horizontal section through the left eye showing the sclera, choroid, retina, optic nerve, lens, iris, ciliary body and cornea. The retinal and choroidal vascular systems are also shown. Manufactured from a slightly flexible material, with the cornea and lens in transparent plastic. With stand and key card. 23x11.5x11cm.



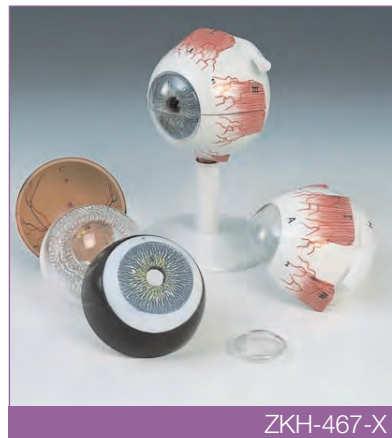
ZKH-420-E



ZKH-428-N



ZKH-444-M - ZKH-440-X - ZKH-457-L



ZKH-467-X



ZKH-470-J

ZKH-440-X

Eye Model, 7 Part

The eye is enlarged about 5 times and is shown resting on part of the bony orbit. The muscle insertions are shown, the model separates to show the internal structure. On base, with key card, size 18x18x20cm.

ZKH-444-M

Eye Model with Lid

This 8 part model is the same as ZKH-440-X but with the addition of the eyelid and lachrymal gland. On base, with key card, size 20x18x21cm.

ZKH-457-L

Eyeball Model, x5

Mounted on a pedestal stand, the model dissects into 6 parts to show the internal structures. With key card, size 13x14x21cm

ZKH-467-X

Eyeball Model, x3

The model is similar to ZKH-457-L, but enlarged only 3 times. With key card, size 9x9x15cm.

ZKH-470-J

Functional Eye

A model designed to show the way the eye functions. By moving the retina the shape of the eye can be changed. The lens is made of silicone to allow it to change form and thickness. Pictures can be projected on to the retina to demonstrate accommodation, nearpoint of vision, myopia, hyperopia, presbyopia and how to correct these problems with glasses. Size 32 x 18cm.

HANDS AND FEET 25



ZKJ-238-C



ZKJ-240-U

ZKJ-238-C Muscular Arm Model 3/4 Size, 6 Parts

The left arm from the muscular model ZKJ-232-P. Size 60x18x18cm.

ZKJ-240-U Muscular Leg Model 3/4 Size, 9 Parts

The left leg from the muscular model ZKJ-232-P. Size 77x26x26cm.



ZKJ-251-H

ZKJ-251-H Hand Model

A life size model of the hand. The back is dissected to show the superficial vessels, nerves, tendons and muscles. The palm skin is removable, as is the palmar aponeurose and the ligament plate of the superficial tendons. The parts are numbered and a key is supplied. Size 29x13x7cm.



ZKH-980-C

ZKH-980-C Normal Foot Model

A life size model of a normal foot and ankle, dissected to show muscles, tendons and bones. Not dissectible, size 24x9x13cm.

ZKH-990-S Flat Foot Model

A life size model of a flat foot and ankle, showing muscles, tendons and bones. Not dissectible, size 24x10x12cm.

ZKH-992-G Arched Foot Model

A life size model of an arched foot, showing muscles, tendons and bones. Not dissectible, size 23x10x13cm.

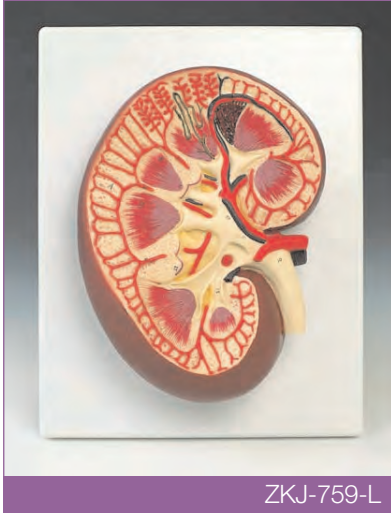


ZKJ-253-F

ZKJ-253-F Finger Structure Model

A life size model of the index finger showing the bones, muscles and tendons. On stand with key card. Size 19.5x13x19cm.

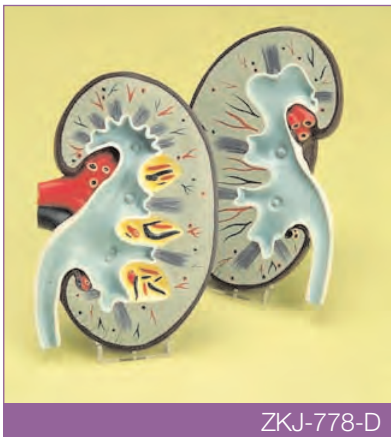
26 EXCRETION



ZKJ-759-L



ZKJ-764-L



ZKJ-778-D

ZKJ-759-L

Kidney Section Model

A 3 times enlarged longitudinal section of a kidney. The structures are clearly shown. Not dissectible. On base, with key card, size 20x33x10cm.

ZKJ-764-L

Kidney, Nephron and Glomerulus Model Kidney, Nephron and Glomerulus Model

Three models mounted on a single base, not dissectible. In addition to the kidney model ZKJ-759-L, there is a section showing a nephron, enlarged about 120 times and a glomerulus (Malpighian corpuscle) enlarged about 700 times. Supplied with key card, size 52x29x9cm.

ZKJ-778-D

Kidney

A bisected enlarged tutorial model. The anatomical markings include diagrammatic representation of urine secretion. Supplied with two plastic support stands. 23x12.5x8cm.

ZKJ-780-V

Dissected Kidney

An enlarged section of the left kidney, finely modelled to show the principal anatomical details and overall structure. The pelvis is partly removed to show the renal papillae. Also shown are the renal pyramids, interlobular vessels, renal arteries and veins. Careful colouring distinguishes the renal capsule within the hilus and its continuity with the pelvis. Mounted on a base with key card. Size 24x20x4cm.

ZKJ-782-L

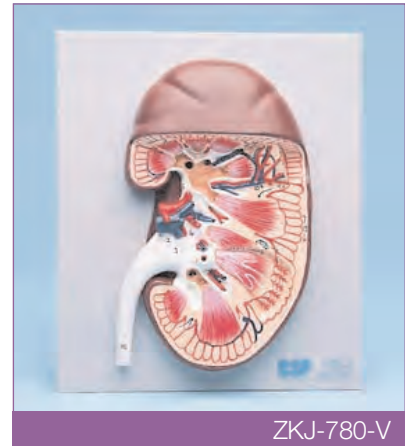
Life Size Kidney

A full size model with adrenal gland, partially dissected to show detailed internal and external structure. The features shown include ureter, cortex, medulla, renal artery and vein, pyramid, papilla and calices, with a single nephron picked out in white. 13x9x3.5cm.

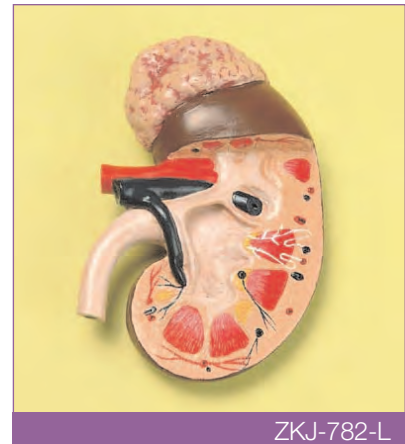
ZKJ-784-A

Kidney and Adrenal Section

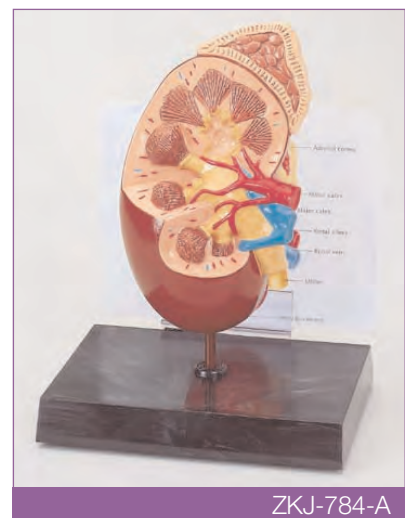
A twice life size sectional model of the right kidney and adrenal gland, partially dissected. On base with key card. Size 10x6x17cm.



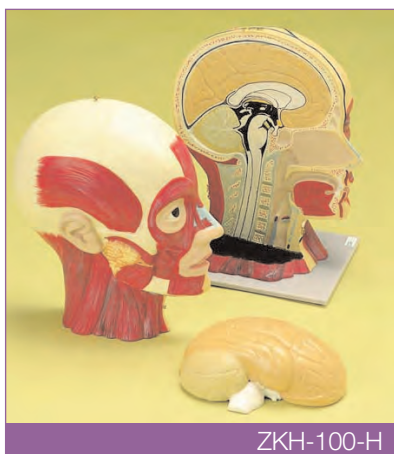
ZKJ-780-V



ZKJ-782-L



ZKJ-784-A



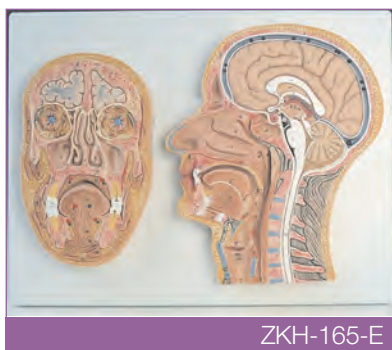
ZKH-100-H

ZKH-100-H Bisectable Head and Neck

Life size model of head and neck, flexible and boldly coloured throughout. External surface shows musculature and blood vessels. Model bisects into right and left sections, showing the internal structure including the skull, regions of the brain, oral and nasal cavities and oesophageal region. The right section of the brain is removable, displaying the surface contours of the brain and blood supply to the internal surface of the skull. 15x18x25cm. Mounted on a base.

ZKH-128-X Head and Neck, Right Section

Right section of ZKH-100-H. With removable half brain. 25x15x20cm. Mounted on a base.



ZKH-165-E

ZKH-148-A Head and Neck, Left Section

Left section of ZKH-100-H. Shows blood supply to external surface of skull. 25x15x20cm. Mounted on a base.

ZKH-165-E Head Sections

Two head sections, mounted upon a base. The median section shows brain and spine, the nose, mouth, tongue, trachea and oesophagus. The frontal section passes through the nasal cavity, mouth and both orbits. Not dissectible, a key card is supplied. Size 41x31x5cm.

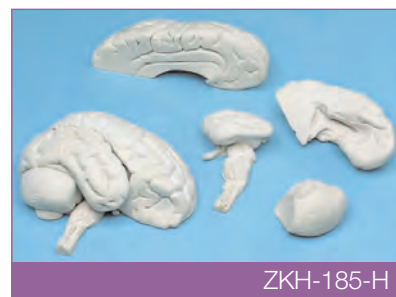


ZKH-180-S

ZKH-180-S Brain in Skull

A life size 8 part brain in the skull. The brain is cast from a very soft material which deforms like tissue. On the floor and the exterior of the cranium are the main arteries and nerves. The model is unpainted, size 17.5x16.5x22cm.

HEADS, BRAINS 27



ZKH-185-H

ZKH-185-H Soft Brain

A life size 8 part brain as supplied with ZKH-180-S. Will fit skull ZJY-320-C, ZJY-340-N, ZJY-342-B and ZJY-345-M.



ZKH-233-F

ZKH-233-F

Brain Model with Arteries

A nine part model of the human brain. Based upon ZKH-227-M, the main arteries are shown with the arteria basilaris being detachable. Supplied on a base, with key card, size 14x16x14cm.

28 HEADS, BRAINS



ZKH-207-D - ZKH-217-D - ZKH-227-M

ZKH-207-D

Brain Model 2 part

A life size bisectible model of the human brain which shows all of the major anatomical features. The 12 cranial nerve roots are shown. Supplied on base, with a key card to identify the important features. Size 14x16x14cm.

ZKH-217-D

Brain Model, 4 part

A life size 4 part model of the human brain. The model is a median section. The right hemisphere has the cerebellum and the stem with occipital lobe detachable. On base, with key card, size 14x16x14cm.

ZKH-227-M

Brain Model 8 part

A life size 8 part model of the human brain. The model dissects into 2 each frontal and parietal lobes, temporal and occipital lobes, cerebellum halves and brain stem halves. Supplied on a base, with a key card to identify the important features, size 14x16x14cm.



ZKH-237-T - ZKH-240-R

ZKH-240-R

Life Size Brain, 8 part

A life size model of the human brain and brain stem, as ZKH-237-T but dissecting into 8 parts. Supplied on a base, with a key card. Size 20x20x18cm.

ZKH-242-F

Brain

A slightly enlarged model of the brain using colour to illustrate sensory and motor areas. It dissects into four parts to show ventricles, cortical sulci, rhombencephalon and cortical areas, which are labelled. The 12 cranial nerves are shown on one side. Mounted on stand with key card. 29x26x22cm.



ZKH-242-F

ZKH-237-T

Life Size Brain, 2 part

A life size 2 part model of the human brain and brain stem. The left side is coloured to show the sensory and motor areas. The 12 cranial nerve roots are shown and numbered, together with some of the important arteries. Supplied on a base, with a key card. Size 20x20x18cm.



ZKH-248-P

ZKH-248-P

Brain, Simple

A simple model for school use, showing the major anatomical features. Each region is coloured for easy identification. Some detail of sensory and motor function is given. Supplied with stand and key card. Separates into 4 parts. 29x26x22cm.

HEADS, BRAINS, SPINAL CORD - HEART 29



ZKH-266-N

ZKH-266-N

Brain Section

An enlarged and very detailed section through the right half of the brain including a portion of the skull. The pia mater has been removed. It is double sided and finely coloured. One surface is on the median line, including a section of the falx cerebri. A sagittal cut on the reverse exposes the lateral ventricle. There are 49 references on the model, identified on an accompanying key card. Mounted on a stand. 25x18x12cm.

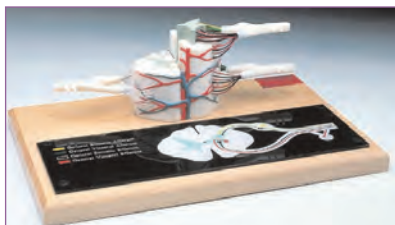


ZKH-270-B

ZKH-268-B

Cerebrospinal Fluid Circulation

Enlarged, detailed model of a section through the right half of the brain showing the cut pia mater, arachnoid and dura mater. The model has the cerebrospinal fluid areas clearly identified and the direction of flow indicated by arrows. Boldly coloured to distinguish important features and mounted on stand. With key card. 25x18x12cm.



ZKH-273-S

ZKH-270-T

Ventricles

A unique model enabling all aspects of the intricate ventricular system to be examined. Made three times life-size from a natural specimen, in durable material and mounted on a stand. With key. 30x25.5x20cm.

ZKH-273-S

Spinal Cord Model

Enlarged approximately 6 times, this segment of upper thoracic spinal cord has been cut away to show the anterior and posterior nerve roots which have been colour coded for easy identification. Mounted on a base, numbered with key card. Size 35x27x27cm.



ZKH-275-C

ZKH-275-C

Cauda Equina

A life size section through the lumbar spine and sacrum to show the cauda equina and the emergence of the spinal nerves. Supplied on a base with a key.



ZKJ-633-P

ZKJ-633-P

Functional Heart

A model designed to demonstrate the circulation of the blood through the heart, lungs and blood vessels, using red water for oxygenated blood and blue for deoxygenated blood. The contractions of the ventricles, atria and heart valves can be seen. Mounted on a baseboard 35x37cm, with support legs. Supplied with key card, syringe and red dye.

ZKH-250-S

Brain Stem Model

An enlarged model of the brain stem mounted vertically on a base. More than 80 structural features are identified. 23cm high, with key card.



ZKH-250-S

30 HEART



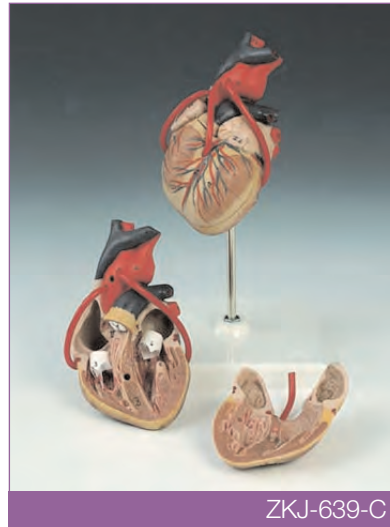
ZKJ-637-W - ZKJ-647-P

ZKJ-637-W Heart Life Size

A life size 2 part model of the heart, mounted on a stand. The model separates to show the internal structures of the ventricle and atrium, including valves. The roots of the main vessels are also present. Size 12x12x22cm.

ZKJ-647-P Heart Twice Life Size

A 4 part model of the heart, enlarged about 2 times. Both atria open, as do the ventricles, the valves and internal structures are shown. The arch of the aorta is present, with some branches. Mounted on stand, size 18x18x32cm.



ZKJ-639-C

ZKJ-639-C Heart with Bypass

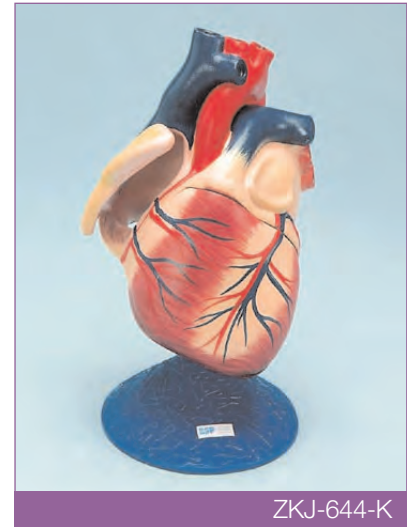
A 2 part model, about life size. The heart opens to show the ventricle, atrium, valves and internal structures. On the outside is a vein bypass to the right coronary artery, the ramus interventricularis ant. of the left coronary artery and the ramus circumflexus of the left coronary artery. Mounted on stand, size 12x12x19cm.



ZKJ-642-W

ZKJ-642-W Heart

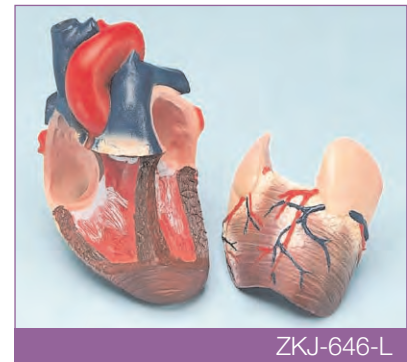
This enlarged model of the heart and major blood vessels is constructed of flexible material with opening areas to show the ventricles and atria. The anatomical details are clearly and distinctively coloured. With stand. Size 25x11x13cm overall.



ZKJ-644-K

ZKJ-644-K Simplified Heart

Enlarged x1.5, specially designed to show the body of the heart, with opening areas to show the ventricles and atria. The display of the branching of the main arteries and veins has been reduced. Ideal for school and basic anatomy use. With stand. 20x15x15cm.



ZKJ-646-L

ZKJ-646-L Life Size Heart

A full size human heart model, with removable wall to show the inside of the ventricles and atria. Ideal to demonstrate the internal and external structures of the heart. 16x10x7.5cm.

MUSCULAR MODELS - NAIL, SKIN 31



ZKJ-226-T Muscular Model _ 33 Parts

The model is bisexual, with removable internal organs. Details of the surface and internal muscles, vessels and some nerves are shown. The arms are removable, 8 muscles from the left leg and 5 muscles from the left arm can be removed. Supplied on stand, height approx 84cm.

ZKJ-228-A Muscular Model _ 20 Parts

The model as ZKJ-226-T, supplied without internal organs and male genitalia.

ZKJ-230-M Muscular Model, _ 2 Parts

This miniature muscular model shows the external male musculature and has a removable torso cover showing a female mammary gland. Non-removable internal organs are shown when this cover is removed. The model is mounted upon a base. Size 57x25x18cm.



ZKJ-232-P Muscular Model _ 45 Parts

The model is bisexual, with removable internal organs. Details of the surface and internal muscles, and some vessels and nerves, are shown. The head, arms and left leg are removable, 8 muscles from the left leg and 5 muscles from the left arm are also removable. The model is supplied on a wheeled stand, height is 128cm (138cm on stand).

ZKJ-234-D Muscular Model _ 22 Parts

The model as ZKJ-232-P, supplied without internal organs and male genitalia.



ZKJ-562-Q



ZKJ-530-D

ZKJ-530-D Nail in Anatomical Setting

This approximately x5 enlarged model of the terminal part of a typical digit with its associated bone structure shows three sectional views of the nail root and bed, germinative region and bone. Features numbered with key card. Mounted on base 25.5x12.5cm.

ZKJ-562-Q Skin Model

A vertical block section of the skin, with finely painted detail on all surfaces. Made from a slightly flexible material, the model has a removable epidermis and shows the main structures of the skin. Complete with key card. Size 18x15x28cm.

ZKJ-570-H Skin, Hairless and Hairy

This detailed model shows the difference between these two types of skin. There is a separate section of the nail and a very enlarged representation of a hair root on the base. Size 10x12.5x14cm.



ZKJ-570-H

32 NAIL, SKIN



ZKJ-578-T



ZKJ-580-N



ZKJ-590-N



ZKJ-592-C

ZKJ-578-T

Skin, Four Part Model

Main model, approximately 2.5cm thick, represents a section of the human skin from the scalp, showing hair follicles with associated structures, sebaceous and sweat glands. The second model shows two enlarged papillaries with tactile corpuscle and blood supply. The third model shows the visible surface of the dermis (very much enlarged) after removal of the epidermis. The fourth model shows the lower part as well as the surface of the lifted epidermis, again very much enlarged. All models accurately coloured and referenced to the key card. Mounted on base 41x43cm.

ZKJ-580-N

Skin Section

A vertical section of skin, enlarged about 75 times. The section shows the different layers of the skin and passes through a hair follicle and shaft. Blood vessels, sebaceous glands and sweat glands are shown, as are the different nerve receptors. Mounted on base, with key card, size 35x28x4cm.

ZKJ-590-A

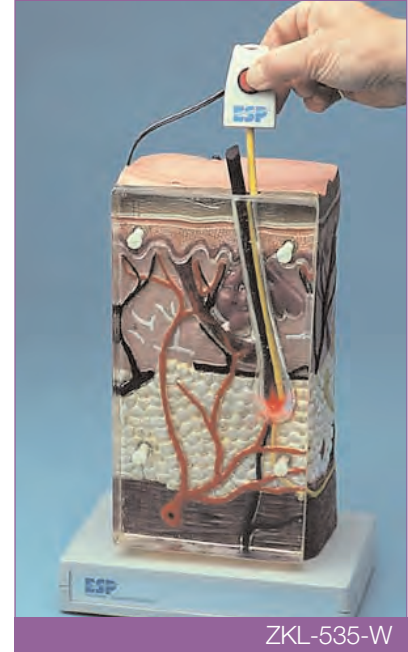
Skin with Acne

An enlarged cross section showing an acne pustule on one side and an open comedo (blackhead) on the other. Normal skin tissues are also present. Mounted on base 10x11.5cm.

ZKJ-592-C

Skin Cancer

This model features three cancerous conditions; NBC (nodular basal cell), MM (malignant melanoma), MBC (morpheic basal cell) and three non-cancerous conditions; DN (dyplastic nevi), KA (keratoacanthoma), AK (actinic keratosis) Mounted on base 11.5x3cm.



ZKL-535-W

ZKL-535-W

Electrolysis Skin Model

A vertical block of skin showing the detailed structure on all surfaces, one side is covered in a clear plastic moulding showing a hair follicle and removable hair. To demonstrate correct probing during electrolysis, the probe is passed into the follicle down the side of the hair, when positioned at the root the 'diathermy current' is released. Only when the probe is correctly positioned will the indicator glow, signalling correct discharge. Size 31.5x20.5x14cm. Weight 4kg. Supplied with 2 AA batteries and instructions.

FOETAL DOLLS AND PELVIS 33



ZKK-422-P

ZKK-422-P

Foetal Head Simulator

A life size foetal head, made from a soft, tissue like material to give a very lifelike feel. The internal bony structure has realistic fontanelles, the individual bones move independently and the head can be moulded. Its lifelike properties make it less robust than ZKK-240-K and it should be handled as carefully as a live head. The model may also be used with ZKK-488-C Cervix Examination Set.



ZKK-262-H

ZKK-262-H

Pelvic Floor

A life size model of the female pelvic floor muscles, the superficial perineal muscles and the levator ani.



ZKK-264-S

ZKK-264-S

Ligamented Pelvis with Nerves and Floor Muscles

A finely modelled life size representation of the musculature, partially dissected, and ligaments of the pelvis and the associated nerves. Virtually unbreakable and carefully coloured, not dissectible, numbered with key.



ZKK-267-A

ZKK-267-A

Composite Pelvis and Pelvic Floor

A complete life size female pelvis of synthetic bone-like material with a highly detailed and dissectible pelvic floor in carefully coloured flexible material comprising genitalia and associated muscles. Separates into 5 parts.



ZKK-230-T

ZKK-230-T

Tube Aid Vaginal Examination and Delivery Simulator

This patented and award winning model may be used to demonstrate changes in the cervix during labour and to simulate normal and abnormal vaginal deliveries. It is supplied with a foetal doll, a set of 5 simulated cervixes and instructions. The model is made from elasticated tube material over a pelvic framework. The stand is fitted with suction pads to hold it firmly during demonstration. The internal landmarks of the pelvis, the pubic arch and ischial spines are present. The foetal doll shows the sutures and fontanelles of the head, has firm shoulders, an umbilical cord and placenta.

ZKK-231-C

Replacement Cervixes Set

A set of 5 replacement cervixes, as supplied with ZKK-230-T.

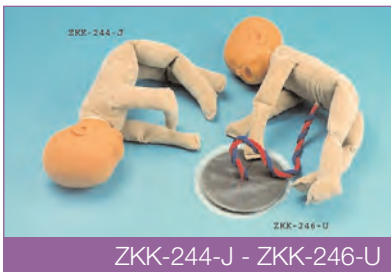
34 PELVIS, DOLLS AND BIRTH SETS



ZKK-240-K

ZKK-240-K Foetal Head for Palpation

A robust life size foetal head designed for practising palpation of the skull through the skin to identify sutures and fontanelles. Comprises an outer flexible skin with an inner hard bone-like structure. Individual bones can be moved independently to demonstrate over-riding.



ZKK-244-J - ZKK-246-U

ZKK-244-J Foetal Doll

Designed following consultation with midwives and nurses, this foetal doll is ideal for teaching all aspects of the birth process, especially in combination with the articulated pelvis ZJY-590-G on page 10. The body is made of a soft, suedette material, and the plastic head permits flexion and extension of the neck.

ZKK-246-U Foetal Doll with Placenta

As ZKK-244-J, but complete with cord and placenta.



ZKK-263-B

ZKK-263-B Pelvis and Floor Muscles

These two models are our articulated pelvis ZJY-590-G and pelvic floor model ZKK-262-H.



ZKK-268-R

ZKK-268-R Pelvis and Foetal Skull

The model shows the life size female pelvis, with ligaments and with a foetal skull mounted upon a flexible rod for demonstration of the birth mechanism. Mounted on stand.



ZKK-269-M

ZKK-269-M Pelvis with Ligaments, Nerves and Floor Muscles

A life size bony female pelvis showing the ligaments and the main nerves, with a removable 2 part pelvic floor.



ZKK-258-B

ZKK-258-B Miniature Birth Model Set

A one third life size pelvis, realistically modelled, with 20cm long foetal doll having flexible, positionable limbs and soft cloth body. Designed for the demonstration of the birth process. Supplied in bag.



ZKK-260-T

ZKK-260-T Birth Model Set

Two life-size models, chosen to demonstrate birth. Consists of a plastic female pelvis (ZJY-590-G) and a flexible foetal doll (ZKK-246-U) with umbilical cord and placenta. Supplied in bag.

PELVIS AND FLOOR MUSCLES - REPRODUCTION 35



ZKK-270-D

ZKK-270-D

Dorey Male Pelvis & Floor

ZKK-380-H

Female Pelvis Skeleton with Genitalia

The bones of the female pelvic area, including 2 lumbar vertebrae, sacrum and coccyx. The internal and external genitalia, bladder and rectum are added, made from soft material. Dissects into 3 parts, unpainted, size 33x26x18cm.

ZKK-147-W

Female Pelvis Section

A life size median section through the female pelvis, which dissects into 2 parts. Parts of the muscular system of the back and abdomen are shown, the section also passes through the vertebrae. The bladder and reproductive organs bisect to show the internal structures. Supplied in base, with key card, size 31x41x20cm.



ZKK-147-W - ZKK-127-N

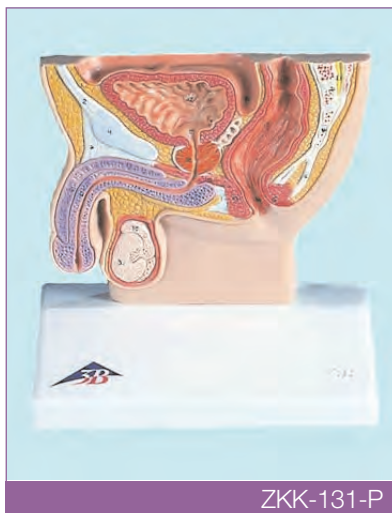


ZKK-129-B

ZKK-127-N

Male Pelvis Section

A life size median section through the male pelvis, which dissects into 2 parts. Parts of the muscular system of the back and abdomen are shown, the section also passes through the vertebrae. The bladder and male organs bisect to show the internal structures. Supplied on base, with key card, size 31x41x17cm.



ZKK-131-P

ZKK-129-B

Sagittal Male Pelvis

A life size, highly detailed model, partly paramedian, through the male pelvis complete with urogenital organs clearly defined. Mounted on a base with key card. 35x40x5cm.



ZKK-145-L

ZKK-131-P

Basic Male Pelvis Section

A one piece, half life size model of the male genital organs. On stand with key card. 41x31x20cm.



ZKK-168-C

ZKK-145-L

Sagittal Female Pelvis

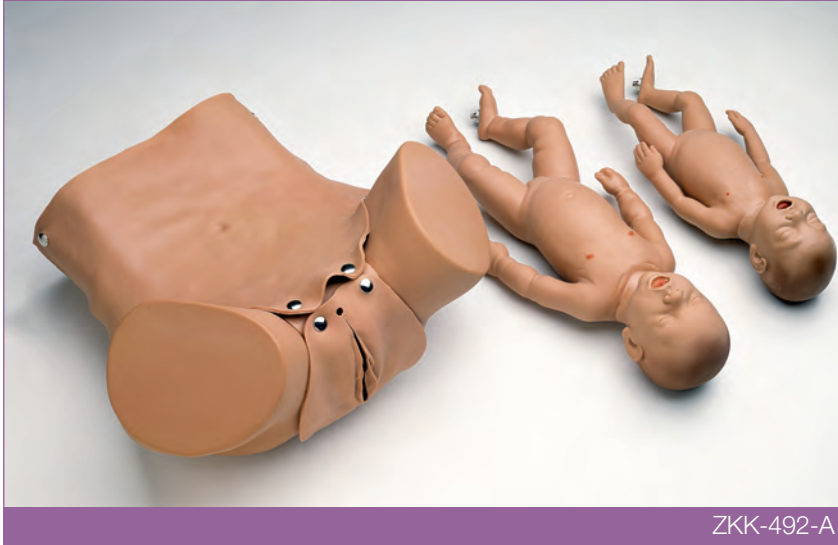
A two part, life size model of the female pelvic organs. The larger part is a sagittal section of the pelvis. The second part shows the vagina and ovaries. Complete with stand and key card. 33x24x19cm.

ZKK-168-C

Female Urogenital Organs

Life size, with pelvis and five lumbar vertebrae with ligaments, pelvic floor, urogenital organs, kidneys, ureters and abdominal aorta. Mounted on stand. 44x30x20cm.

36 OBSTETRICS



ZKK-492-A

ZKK-492-A Forceps/Vacuum Delivery Manikin

This life size manikin is designed for practising forceps and vacuum assisted deliveries. Developed for use with Advanced Life Support in Obstetrics (ALSO) training, it has a lifelike pelvic cavity, including a plastic pelvis to simulate resistance to delivery. The abdominal overlay is removable, as is the soft vulva. A premature and a full term foetus are supplied, with palpable fontanelle and cranial sutures. Simulated blood powder, an extra vulva and a soft carry bag are also provided. Size 53x43x33cm. Replacement items are listed in the current price list.



ZKL-200-B

ZKK-488-C Cervix Examination Set

A model of the external female genitalia manufactured from a soft, lifelike plastic, with a set of six interchangeable cervix simulations. The cervix simulations are inserted into the model to allow the student to practice measuring the cervix prior to birth. The stages are no dilatation, 2cm dilatation with 50% effacement, and 2cm, 5cm, 7cm, and 9cm with full effacement. Because of the lifelike nature of the materials used, the model should be treated with the care accorded to a real subject, adding extra value to the model as a teaching aid. Supplied with teaching notes in a plastic carry case.



ZKK-520-T

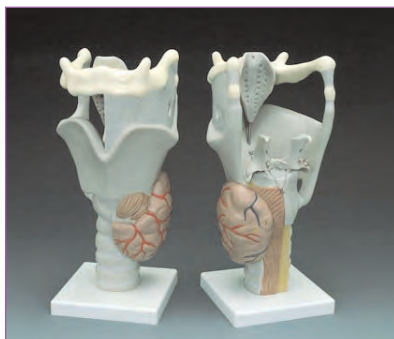
ZKK-520-T Perineal Repair Simulator

A model manufactured from soft, tissue like plastic for practising and developing techniques in perineal repair and episiotomy. All the essential landmarks are present, including an open anus. The stand holds the model in the correct position and has suction feet to prevent movement. The unit comes in a carrying case complete with 3 replaceable simulators, each of which can be used many times if the sutures are removed carefully. Size 31x28x11cm.

ZKK-522-R Perineal Repair Replacements

A set of three replacements for ZKK-520-T.

LARYNX - RESPIRATION 37



ZKH-930-X

ZKH-930-X Functional Larynx

Enlarged about 2.5 times, the model has movable epiglottis, vocal cords and cartilage. On base, not dissectible, size 14x14x28cm.

ZKH-950-A Larynx

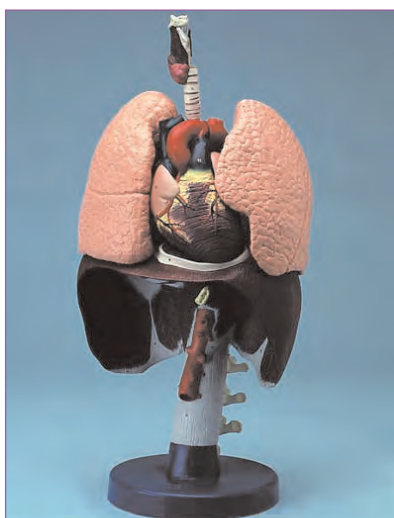
A slightly enlarged model of the larynx. The model is bisectable to show the cartilaginous framework and ligaments. The epiglottis, hyoid bone, thyroid gland, vocal cords, trachea and musculature are shown. The model is 16.5cm long and finely coloured. Complete with stand and key card.



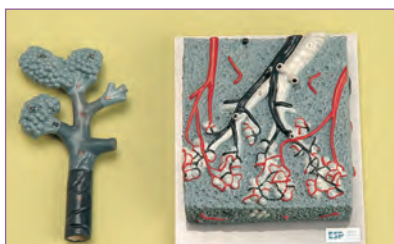
ZKH-950-A

ZKJ-649-D Respiratory Organs

A life size model in unbreakable material, finely coloured to show all major anatomical detail. The diaphragm shows muscles, tendons and openings for the major vessels and oesophagus. The aorta shows the origins of five abdominal arteries. Three thoracic and three lumbar vertebrae are shown. The left lung is sectioned to expose the bronchioles, pulmonary arteries and veins. The larynx is sectioned to show its detailed structure. The heart is bisectable to expose the atria and ventricles, and shows the superior and inferior vena cava, aorta, pulmonary artery and the coronary sinus. Supplied complete on stand, with key card. Size 41x23x19cm.



ZKJ-649-D



ZKJ-659-P - ZKJ-661-X

ZKJ-657-Y Heart and Lungs

A life size model separating into 7 parts. The lungs have two removable lobes to show the internal structures, the heart bisects showing atria ventricles and valves, the larynx bisects and the diaphragm is shown. On base, size 31x41x12cm.

ZKJ-659-T Bronchioles

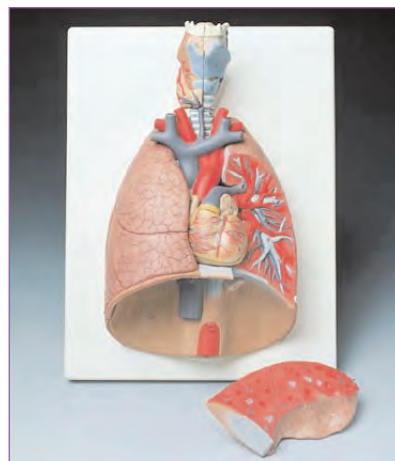
A model of the terminal bronchiole system of the lungs, complementary to ZKJ-649-D. Greatly enlarged and manufactured in unbreakable material. 10cm long.

ZKJ-661-X Lung Lobule

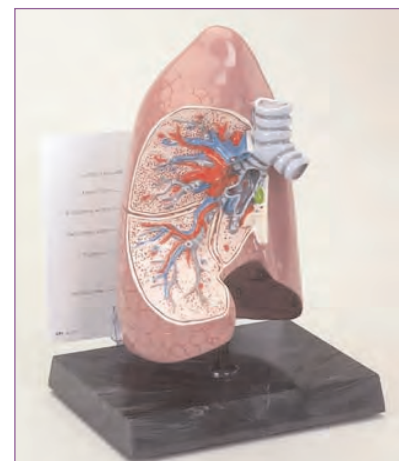
This model shows an approximately x20 enlargement of a section through the lungs. A bronchus, bronchioles and alveoli are shown with the accompanying pulmonary and bronchial blood vessels. Model is 12x10x3cm. With key card.

ZKJ-663-L Lung Model

A full size model of the right lung, dissected on one side to show trachea bifurcation, bronchus, blood vessels and lymph nodes. On base, not dissectible, size 14x11x23cm.



ZKJ-657-Y



ZKJ-663-L

38 TEETH AND JAWS



ZKH-680-D

ZKH-680-D

Development of Teeth

Four models showing upper and lower left jaws of the new-born, 5 years, 9 years and young adult. Not dissectible, on stand, with key card, size 33x10x20cm.

ZKH-684-C

Teeth Eruption

Life size model through right maxilla of a 6-year-old with milk teeth. The buccal bone is absent to show eruption of permanent teeth.

ZKH-690-A

Adult Dentition Model

The upper and lower adult jaw showing roots, spongiosa, blood vessels and nerves. The lower jaw is movable. On base with key card. Size 16x12x13cm.



ZKH-748-V - ZKH-752-010B

ZKH-748-V

Upper and Lower Teeth Set

Upper and lower teeth set, enlarged x3. The individually moulded teeth in our realistic bone-like material are inserted into semi-



ZKH-684-C

flexible gums. This unique model can be used to demonstrate dental hygiene and tooth care, including flossing. Size 14x14x12cm.

ZKH-750-P

Upper and Lower Teeth Set with Giant Toothbrush

ZKH-752-010B

Giant Toothbrush

Enlarged for use with ZKH-748-V, it allows graphic demonstration of correct tooth brushing. 42cm long.

ZKH-758-X

Upper and Lower Jaw of Adult Left Side

Enlarged x2.5. Mandible shows all teeth and anatomical features, glands, arteries, veins and nerves. The canine tooth is bisected to show the internal structure of a normal tooth. The maxilla shows all teeth, the maxillary nerve and its distribution to the teeth; also the maxillary sinus and its relationship to the nerves. Complete on stand with key card. 18x14x15cm.

ZKH-760-J

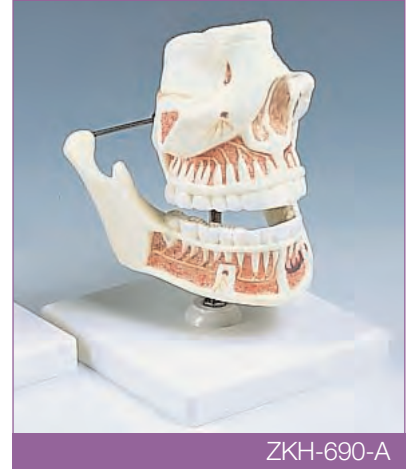
Upper Jaw

Upper jaw only of ZKH-758-X, on stand. With key card.

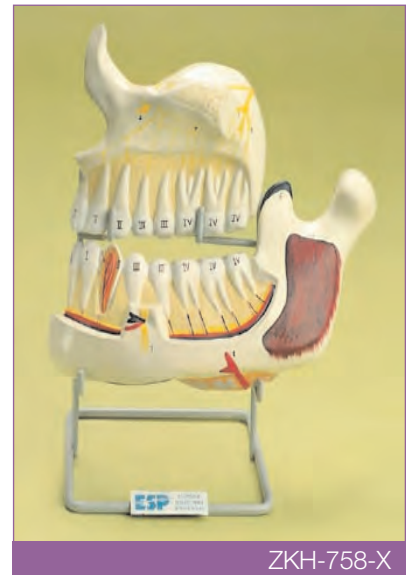
ZKH-762-U

Lower Jaw

Lower jaw only of ZKH-758-X, on stand. With key card.



ZKH-690-A



ZKH-758-X



ZKH-770-C

ZKH-770-C

Tooth Development

A 3x enlarged model showing the development of deciduous and permanent teeth. Carefully coloured and provided with key card. 34x5x20cm.

TEETH AND JAWS 39

Sets of life sized adult and deciduous teeth are complemented by larger models, up to 5 times enlarged. Enlarged models with giant toothbrushes allow easy demonstration of the technique of tooth cleaning.



ZKH-807-B

ZKH-807-B Lower Molar Tooth

About x8, with 2 roots, 2 parts, with caries.

ZKH-810-G Upper Molar Tooth

About x8, with 3 roots, 3 parts.

ZKH-814-F Lower Premolar Tooth

About x8, 1 part.

ZKH-827-K Lower Incisor Tooth

About x8, 2 parts.

ZKH-837-L Lower Canine Tooth

About x8, 2 parts.



ZKH-817-R

ZKH-817-R Tooth Decay Model

A 15 times enlarged 6 part model of an upper molar, with inserts showing 3 stages of decay. On stand, size 18x18x24cm.



ZKH-778-A

ZKH-778-A Adult Teeth

Set of 32 life size teeth cast in plastic. Accurate anatomical detail is shown on this complete set of adult teeth. Supplied in box.

ZKH-780-S Deciduous Teeth

A full set of 20 primary (deciduous, milk) teeth manufactured in a durable synthetic material creating faithful replicas of the natural dentition. Supplied in box.



ZKH-280-T



ZKH-852-A

ZKH-852-A Tooth Care Model with brush

The model shows the upper and lower teeth and gums about 3 times enlarged. The upper jaw is supported by flexible rods to position the jaws to show bite variations. With matching tooth brush, size 18x23x12cm.

ZPK-280-T Dental Health Teaching Pack

A set of materials to help with the teaching of dental care and health. Included are: Colour chart showing development, care and structure of teeth.

Set of 10 plastic replicas of the different types of human teeth. Pack of disclosing tablets to display plaque on teeth.

Set of projection slides (33) and teaching notes 'About your teeth'.

40 TORSOS

These models of the human torso, or trunk, provide excellent illustrations of the internal layout of our bodies. From a simple miniature torso to full sized bisexual models, there is a version for every purpose. Heads, when present, are removable. Muscular models are complete with arms and legs. A muscular torso is also available.

ZKJ-117-H

Miniature Torso, Sexless

This model is suitable for the teaching of elementary internal gross anatomy. All the major anatomical details are featured. The heart, stomach, liver and intestines are removable for closer examination and to expose the posterior surface of the abdominal wall. The major blood vessels are shown, and the heart, lung and kidney are sectioned to expose internal detail. The model is made in rigid PVC and boldly coloured for clarity. It is 26cm high, mounted on a base and supplied with pictorial key. Separates into 5 parts.

ZKJ-118-B

Miniature Torso, Sexless, Black

As ZKJ-117-H, but Black-skinned.

ZKJ-127-A

Torso Half Size

A sexless half size model of the human torso, without head. It dissects into 9 parts: 2 half lungs, heart (2 parts), stomach, liver, part of intestine (2 parts), torso on base. Supplied with key card. Height on base 42cm.

ZKJ-130-C

Torso Half Size, with Head

Torso ZKJ-127-A but with a removable head. The head bisects and has a removable half brain, making 12 parts in all for this model. Supplied with key card. Height 53cm on base.

ZKJ-133-R

Head for Half Size Torso

A 3 part head which fits onto ZKJ-127-A.

ZKJ-177-L

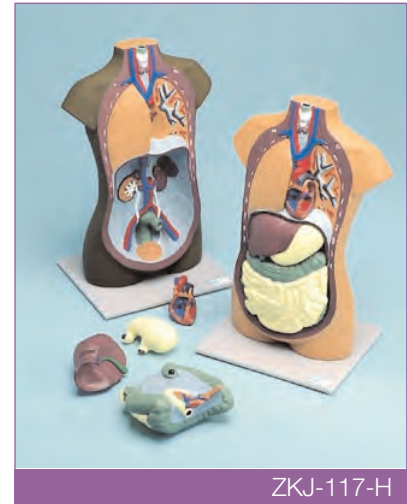
Male Torso 20 Parts, with Head

The model separates into head, half brain with arteries, eye with optic nerve, 2 half lungs with ribs and sternum, heart (2 parts), stomach (2 parts), liver with gall bladder, small intestine, large intestine (3 parts), half kidney, internal and external male organs (4 parts), torso on base.

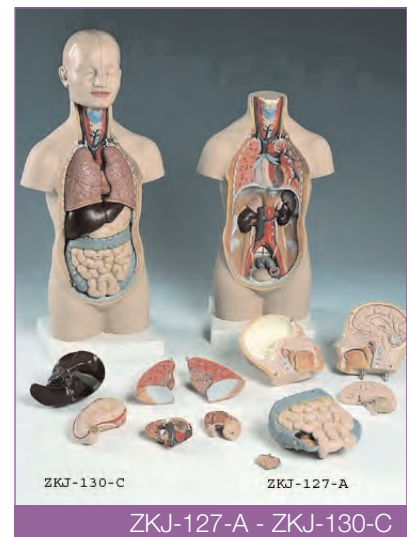
ZKJ-200-A

Female Torso 20 Parts, with Head

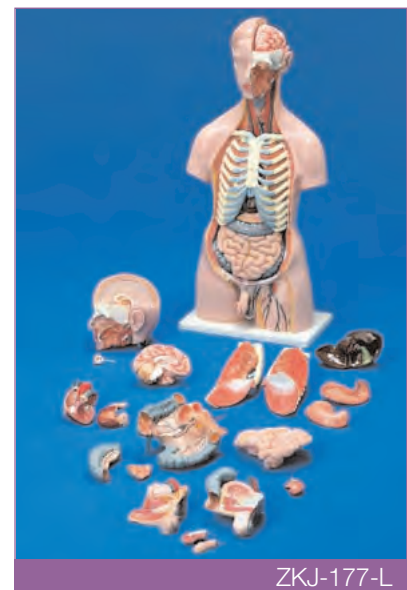
Internal and external female organs as ZKJ-177-L. Separates into head, half brain with arteries, eye with optic nerve, breast cover, 2 half lungs, heart (2 parts), stomach (2 parts), liver, small intestine, large intestine (3 parts), half kidney, genital organs (2 parts) with 3 month embryo, torso on base.



ZKJ-117-H



ZKJ-127-A - ZKJ-130-C



ZKJ-177-L

TORSOS 41



ZKJ-134-L

ZKJ-135-N Torso 9 Parts, without Head

The torso ZKJ-134-L, supplied without head.

ZKJ-136-V Torso 13 Parts, with Head

The model separates into head, eye with optic nerve, 2 half lungs, heart (2 parts), stomach, liver, part of intestines, appendix cover, half kidney, half bladder, torso on base.

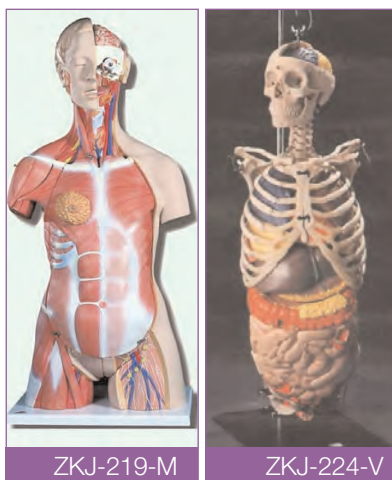
ZKJ-137-Q Torso 11 Parts, without Head

The torso ZKJ-134-L, supplied without head.

ZKJ-147-W

Torso 16 Parts, with Head

The model separates into head, half brain with arteries, eye with optic nerve, 2 half lungs with ribs and sternum, heart (2 parts), stomach, liver, small intestine, large intestine (3 parts), half kidney, half bladder, torso on base.



ZKJ-219-M

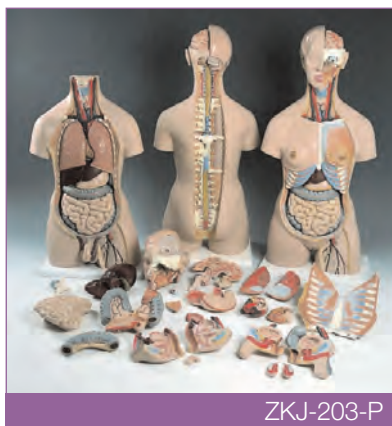
ZKJ-224-V

ZKJ-219-M Bisexual Muscle Torso 31 Parts, with Head

With an open back This model separates into 6-part head, female breast cover with muscles, 2 muscles - gluteus maximus and deltoideus, 7th thoracic vertebra, 2 lungs, 2 part heart, 2 part stomach, liver, 4 part intestines, half kidney, mammary gland, 3 part female genital organs with embryo, 4 part male genital organs. Torso on base, size 87x38x25cm.

ZKJ-224-V Skeletal Torso

This unique model comprises the organs of the body encased in the skeleton. 3 part skull, 2 part brain, lungs, heart, liver, stomach, pancreas, spleen, colon and mesentery, small intestine, kidneys, sagittally sectioned hinged male pelvis. The stand is included.



ZKJ-203-P

ZKJ-203-P Bisexual Torso 20 Parts, with Head

Plain back. The model separates into head, eye with optic nerve, female breast cover, 2 half lungs, heart (2 parts), stomach, liver, part of intestines (2 parts), half kidney, female genital organs (2 parts), 3 month embryo, male genital organs (4 parts), torso on base.

ZKJ-207-G Bisexual Torso 24 Parts, with Head

Plain back. Separates into head, half brain with arteries, eye with optic nerve, female breast cover, 2 half lungs, heart (2 parts), stomach (2 parts), liver, small intestine, large intestine (3 parts), half kidney, female genital organs (2 parts) with 3 month embryo, male genital organs (4 parts), torso on base.

ZKJ-217-W Bisexual Torso 28 Parts, with Head

The back is dissected. Separates into head, half brain with arteries (4 parts), eye with optic nerve, female breast cover, 2 half lungs, heart (2 parts), stomach (2 parts), liver, small intestine, large intestine (3 parts), half kidney, female genital organs (2 parts) with 3 month embryo, male genital organs (4 parts), 7th thoracic vertebra, torso on base.

ZKJ-134-L Torso 10 Parts, with Head

An economy torso with removable 1 part head. The main organs are removable.

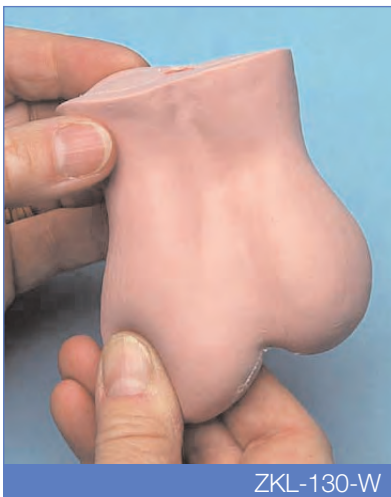
42 BREAST & TESTIS EXAMINATION



ZKL-100-B

ZKL-100-B Breast Awareness Model

A lifelike representation of the breast, for use when teaching self examination and breast awareness. Made from a soft plastic material, the breast has 4 lumps which simulate various tumours. Supplied in a carrying case, with talc and an informative booklet. Size 20x15x15cm



ZKL-130-W

ZKL-130-W Testis Awareness Model

A full size realistic model of the scrotum and testes, made from a very lifelike plastic. The testes are mobile within the scrotum and there are four embedded tumours. The model is supplied in a carry case with talc and an informative booklet. Size 20x15x15cm.



ZKL-115-C

ZKL-115-C Breast Cancer Model

Made of a lifelike durable material, this model has 2 lumps that simulate the location of typical tumour growths. Mounted on a base, size 7.5x8x6cm.

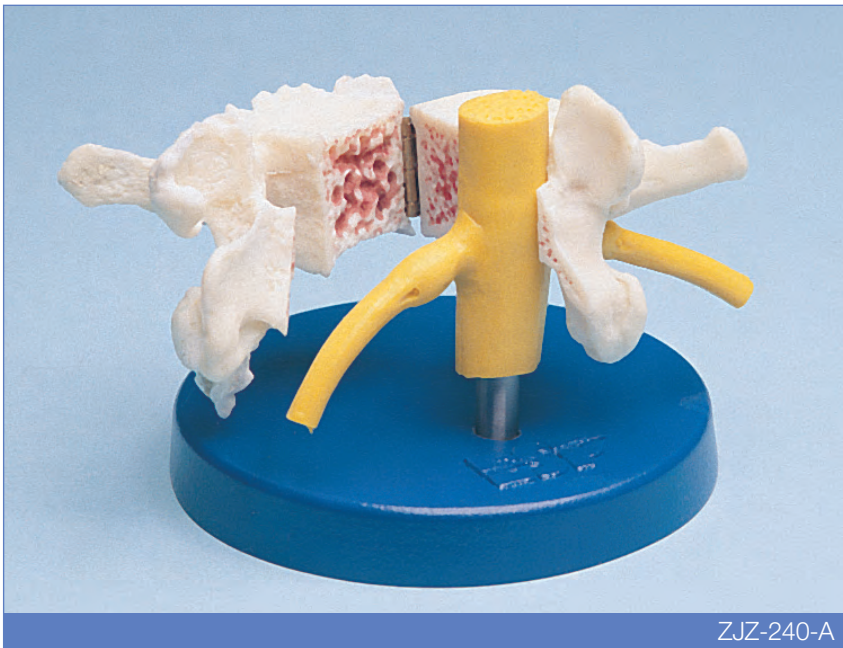
ZKL-133-P Prostate Model Set

A set of two models depicting various conditions of the prostate. Normal prostate; with nodule; with enlarged lobe; enlarged prostate with slight median furrow; enlarged prostate with nodule; enlarged prostate with seminal vesicle involvement. Each model is on a base size 16.5x13x4cm.



ZKL-133-P

ARTHRITIS + OSTEOPOROSIS 43



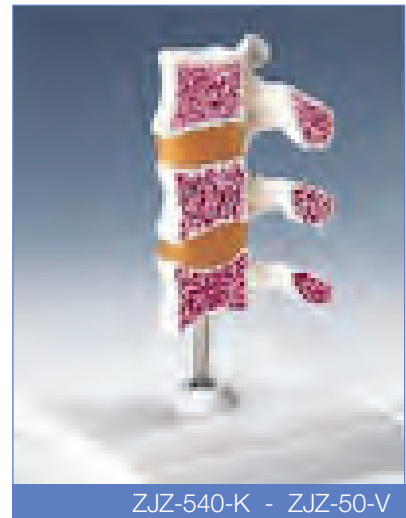
ZJZ-240-A
Vertebra showing
Arthritis and
Osteoporosis

A single adult vertebra and nerve, divided longitudinally and hinged. One half is normal, the other shows outgrowths from arthritis and erosion from osteoporosis. Supplied on stand.



ZJY-945-F
Femur Head showing
Osteoporosis

The head and upper end of an adult femur, divided longitudinally and hinged. One half is normal, the other shows the effects of osteoporosis on the surface and structure of the bone. Supplied on stand.



ZJZ-530-V
Classic Osteoporosis
Model

This model consists of 2 medially divided lumbar vertebrae with intervertebral disc. For comparison, healthy bone structure is shown in the upper section and osteoporotic bone structure with decreased mass is shown in the lower section. Both vertebrae are flexibly mounted to allow study from all sides. 7.2 cm

ZJZ-540-K
Deluxe Osteoporosis
Model (3 Vertebrae)

Consisting of 3 medially divided lumbar vertebrae with intervertebral discs. For comparison, the upper section shows healthy bone structure, the middle section osteoporotic bone structure and the lower section advanced osteoporotic bone structure with flattened plates, deformation and decreased mass. For detailed study the vertebrae can be removed from the stand.

44 PAEDIATRIC DOLL/BIRTH SETS AND FOETAL DEVELOPMENT

ZKJ-328-S

Simple Doll

The basic doll as ZKJ-324-C supplied without internal organs. It is ideal for training in basic care, including dressing and undressing, lifting, bathing, cleaning of mouth and dentures, care of ears, eyes and nose, and injections. The model can be supplied with an upgrade kit to make it into the full nursing doll if required later.



ZKJ-333-J

ZKJ-333-J

Paediatric Hospital Training Doll

A 52cm tall baby, with interchangeable male and female organs, soft ears, fully movable head, arms and legs, and internal organs. The belly cover is removable. It is suitable for tracheotomy care, male and female catheterisation, insertion of stomach tube, enema insertion, use of rectal thermometer and care of mouth, nose and ears. Femoral and gluteal intramuscular and subcutaneous injections may be carried out. The baby may also be used to practice dressing, holding, changing, feeding etc.



ZKK-439-Q



ZKK-326-D

ZKK-437-F

Three Month Bathable Doll

Life size (60cm) and weight (3.3kg) model of a three month old child. The arms and legs are articulated at shoulder and hip joints and sealed against intake of water. The neck joint permits the head to fall back unless supported. Ear and nasal passages are incorporated.

ZKK-439-Q

Black Bathable Doll

As ZKK-437-F

ZKK-326-D

Human Embryo

A 25 times enlarged model of a human embryo of about 4 weeks development. Model on stand, removable, size 12x12x23cm.

ZKK-330-J

Uterus with 1st Month Foetus, Life Size

ZKK-336-T

Uterus with 2nd Month Foetus, Life Size

ZKK-340-C

Uterus with 3rd Month Foetus, Life Size

ZKK-344-B

Uterus with Removable 4/5th Month Foetus, Transverse Position, Life Size

ZKK-346-M

Uterus with Removable 5th Month Foetus, Breech Presentation, Life Size

ZKK-350-S

Uterus with Removable 5th Month Foetus, Dorsal Presentation, Life Size

ZKK-354-R

Uterus with Removable 7th Month Foetus, Life Size

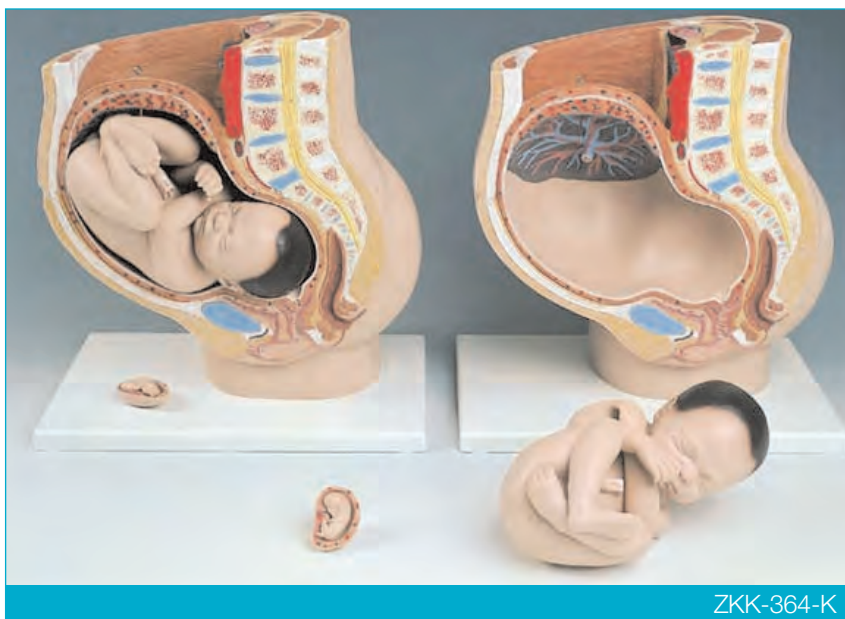
ZKK-360-L

Uterus with Removable 5th Month Twin Foetus, Life Size

ZKK-362-C

Set of 8 models, 1st Month to Twins

FOETAL DEVELOPMENT - PALPATION HEADS PERINEAL SIMULATOR - PLACENTA



ZKK-364-K

ZKK-364-K

Pelvis with Foetus

A life size cross section of the pelvic region showing a removable full term foetus in the normal position. A separate 3rd month model is present for comparison. Supplied with key card, size 38x25x40cm.



ZKK-240-K

ZKK-240-K

Foetal Head for Palpation

A robust life size foetal head designed for practising palpation of the skull through the skin to identify sutures and fontanelles. Comprises an outer flexible skin with an inner hard bone-like structure. Individual bones can be moved independently to demonstrate over-riding.

ZKK-422-P

Foetal Head Simulator

A life size foetal head, made from a soft, tissue like material to give a very lifelike feel. The internal bony structure has realistic fontanelles, the individual bones move independently and the head can be moulded. Its lifelike properties make it less robust than ZKK-240-K and it should be handled as carefully as a live head. The model may also be used with ZKK-488-C Cervix Examination Set.



ZKK-422-P



ZKK-252-X

ZKK-252-X

Placenta Circulation

A detailed model, natural-size, showing all the major structures of the placenta in realistic colouring, manufactured in flexible material. The cotyledons on the maternal surface are shown, with the amnion and chorion membranes on the foetal surface. The umbilical vessels can be seen through the membrane of the cord. A section into the placenta exposes the subchorial space, villi with foetal arteries and veins, decidua septa, spiral arterioles and marginal sinus. With key.



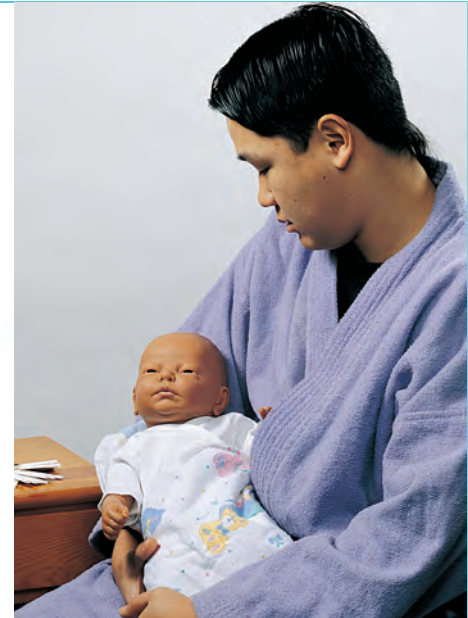
ZKK-260-010Q

ZKK-260-010Q

Perineal Simulator

Designed to show the emergence of the foetus, this cloth model attaches to the pelvis of the birth model set to provide simulation of the labia, vaginal opening and anus. Made to fit pelvis ZJY-590-G, the design will accommodate most pelves.

46 READY OR NOT TOT - TUBE AID V.E & BIRTH SIMULATOR



ZKK-430-T

ZKK-430-T

Ready or Not Tot, Male

This doll is 52cm long, weighs 2.5kg and simulates the behaviour of a baby over a 48 hour period, responding to the care it receives. The doll is programmed to cry, coo, burp, need changing or just some attention. It is supplied with 3 different 48 hour programmes which include a realistic number of times that the baby must be attended to in various ways, plus a demo option. Students record the care given and times on a response sheet which can be compared with the master template for that programme. An abuse light will come on if the baby is dropped, hit etc. and a tamper/panic indicator light blinks if the control box is tampered with. Each doll is supplied with one set of student keys, one set of master keys, master student response sheet, teacher template, nappy, battery and instructions.

ZKK-433-J

Ready or Not Tot, Female

This doll is 52cm long, weighs 2.5kg and simulates the behaviour of a baby over a 48 hour period, responding to the care it receives. The doll is programmed to cry, coo, burp, need changing or just some attention. It is supplied with 3 different 48 hour programmes which include a realistic number of times that the baby must be attended to in various ways, plus a demo option. Students record the care given and times on a response sheet which can be compared with the master template for that programme. An abuse light will come on if the baby is dropped, hit etc. and a tamper/panic indicator light blinks if the control box is tampered with. Each doll is supplied with one set of student keys, one set of master keys, master student response sheet, teacher template, nappy, battery and instructions.



ZKK-425-G

ZKK-425-G

Breast Feeding Doll, Female

Ideal for demonstrating breast feeding, burping and other newborn care techniques. It is not suitable for immersion in water but may be sponged clean. The open mouth is deep enough to show how to check that the tongue is correctly positioned for breast feeding. Includes nappy, 56cm long.

INJECTION TRAINING ARM, HAND INTUBATION MODELS

ZKJ-407-X

Injection Arm with Hand

A life size model of the left arm and hand. The veins of the antecubital fossa and of the hand may be injected with liquid. They can also be filled with artificial blood to simulate blood sampling. Intramuscular injection may be performed, although liquids should not be injected. The artificial skin will allow many punctures if treated with care, gloves should be worn for realism and to protect the model from nails and rings. Supplied with stand, artificial blood, plastic bottle, syringe and storage box. Size 74x19x14cm.

See also Page 84



ZKJ-407-X

ZKJ-408-Y

Replacement Skin for ZKJ-407-X

ZKJ-409-Z

Replacement Veins for ZKJ-407-X

ZKJ-410-U

Male Catheterisation Model

ZKJ-412-N

Female Catheterisation Model

ZKJ-414-B

Male & Female Catheterisation Model



ZKJ-415-A

ZKJ-415-A

IV Training Arm

Made of a soft resilient material this model is designed to be used repeatedly. The veins can be palpated for location, it has realistic vein roll-over and a characteristic pop when the needle penetrates the vein. Blood can be withdrawn or fluid injected. Supplied with a tray and simulated blood powder.

Size 46x15x13cm.

ZKJ-416-G

Replacement Skin for ZKJ-415-A

ZKJ-417-J

Replacement Veins for ZKJ-415-A

ZKJ-435-H

IV Training Hand

A model of the hand made of the same construction as the IV Training Arm. Supplied with a tray and simulated blood powder. Size 46x15x13cm.

ZKJ-436-P

Replacement Skin for ZKJ-435-H

ZKJ-437-K

Replacement Veins for ZKJ-435-H



ZKJ-318-Y

ZKJ-318-Y

Neonate Intubation Head

Designed by a leading anaesthetist and a paediatrician to enable students and midwives to practise endotracheal intubation. This accurately modelled life size head allows the correct depth, angle and pressure of insertion of the laryngoscope to be learned. Mounted on base with instructions. 20x15x15cm.



ZKJ-319-B

ZKJ-319-B

Infant Intubation Trainer

A life size head and shoulders model of an infant for intubation training. Anatomical landmarks include uvula, vocal cords highlighted in white, glottis, epiglottis, larynx, arytenoid cartilage, trachea, oesophagus, inflatable lungs and stomach. Mounted on a base and supplied with lubricant and a carry bag. Size 38x25x20cm.

INTUBATION MODELS - PERINEAL REPAIR SIMULATOR PROSTATE MODEL - SURGICAL TRAINING MODELS



ZKJ-320-C

ZKJ-320-C Child Intubation Trainer

A life size head and shoulders of a 3 year old child for intubation training. Anatomical landmarks include uvula, vocal cords highlighted in white, glottis, epiglottis, larynx, arytenoid cartilage, trachea, oesophagus, inflatable lungs and stomach. Mounted on a base and supplied with lubricant and a carry bag. Size 38x25x20cm.



ZKJ-321-A

ZKJ-321-A Adult Intubation Torso

A life size adult torso manikin for intubation training. Anatomical landmarks include sternum and ribcage with subcostal notch, teeth, uvula, vocal cords, glottis, epiglottis, larynx, arytenoid cartilage, trachea, oesophagus, inflatable lungs and stomach. The model accepts naso-gastric tube placement and bag-valve mask ventilation. Supplied with a soft carry bag. Size 96x46x25cm.



ZKJ-324-C

ZKJ-324-C Hospital Training Doll

A life size doll, about 174cm long, for both basic handling and treatments training. Constructed from durable washable plastic, the stainless steel joints are robust and closely mimic the natural range of human movement. The doll will also sit up without support. Included with each doll are partial dentures to upper and lower jaws, injection pads for intramuscular and hypodermic injections, interchangeable male and female genital organs for catheterisation, amputation stump for the right thigh, major internal organs and orifices with waterproof connections for irrigation of stomach, rectum, intestines (colostomy), bladder, vagina and ears. Oral and nasal intubation can be carried out and a tracheotomy opening is present. The doll is supplied with a small spares kit, talc, petroleum jelly and spray lubricant.

BRADFORD PELVIS FLOOR MODEL GYNAECOLOGY MANIKIN/CERVIX EXAMINATION SET

49



ZKK-945-E

ZKK-945-E

Gynaecology Manikin

A life size, soft lower torso manikin for practice of a range of gynaecological techniques. These include abdominal palpation, vaginal examination, visual recognition of normal and abnormal cervixes, IUD insertion and removal. Includes normal and pregnant uteri, adnexal mass, cervix with ectropion characteristics, cervix with neoplasia (carcinoma), cervix with endocervical polyp. With carry bag. Size 30x33x33cm.



ZKJ-340-P

ZKJ-340-P

Physio Doll

A fully poseable 48cm doll with flexibility at the neck, waist, shoulder, elbow, hip, and knee. Ideal for demonstrating exercises and movements. The doll has hair, eyes that open and close and is clothed. Size 48cm long, weight 6Kg.



ZKL-200-B

ZKL-200-B

Bradford Pelvic Floor Assessment Model

This model was developed in conjunction with Dr Jo Laycock, Urotherapy Manager at Bradford Royal Infirmary. It is designed to teach pelvic floor muscle assessment to health professionals and self assessment to patients. Manufactured from a soft pliable plastic which has the texture of human tissues, the muscle contractions are simulated pneumatically by squeezing an inflation bulb. A calibrated dial, using a modified Oxford scale, ensures reproducibility. Instructions for use and a lubricant are provided. The model is mounted on a base with suction pads and is supplied in a plastic carrying case.

ZKL-201-F

Bradford Outer

Replacement soft plastic outer part for ZKL-200-B

ZKL-202-S

Lubricant Jelly

A gel lubricant suitable for examination models.

ZKJ-410-U

Male Catheterisation Model

ZKJ-412-N

Female Catheterisation Model

ZKJ-414-B

Male & Female Catheterisation Model



ZKL-200-B

ZKK-488-C

Cervix Examination Set

A model of the external female genitalia manufactured from a soft, lifelike plastic, with a set of six interchangeable cervix simulations. The cervix simulations are inserted into the model to allow the student to practice measuring the cervix prior to birth. The stages are no dilatation, 2cm dilatation with 50% effacement, and 2cm, 5cm, 7cm, and 9cm with full effacement. Because of the lifelike nature of the materials used, the model should be treated with the care accorded to a real subject, adding extra value to the model as a teaching aid. Supplied with teaching notes in a plastic carry case.

50 SKIN PADS

*Skin pads to be sold separately and stand present for training purposes which can be strap onto the limbs to simulate and improve on realistic of training
e.g. cannulation, suturing etc*



SP01
Lipoma



SP02
Melanoma



SP03
Mole



SP04
**Mole + Lipoma +
Melanoma**



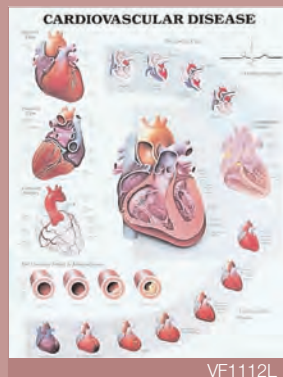
SP05
Pad Jig



SP06
Suture Pad

ANATOMICAL CHARTS - HEALTH EDUCATION 51

A series of full colour charts to show the anatomy and functions of the human body. Each chart has a number of carefully drawn illustrations, together with supporting text, to make them suitable for all levels from schools to professional medical use.



VF1112L



VF1142L



VF1150L



VF1126L



VF1148L



VF1152L



VF1158L



VF1192L



VF1200L



VF1188L



VF1190L



VF1194L

VF1112L
Cadiocascular Disease

VF1126L
Diseases of the Digestive System

VF1142L
Diseases of the Urinary System

VF1148L
Pregnancy and Birth

VF1150L
Conditions for Caesarian Section

VF1152L
Infertility

VF1158L
Whiplash Injuries of the Head and Neck

VF1188L
The Importance of Weight Control

VF1190L
Classification of Apperance of Burns

VF1192L
First Aid for Burns

VF1194L
Smoke inhalation & Inhalation Injuries

VF1200L
Dangers of Smoking

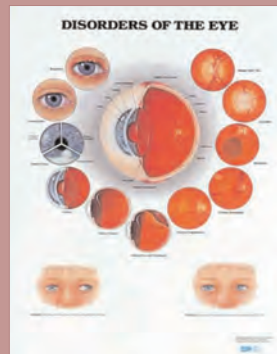
52 ANATOMICAL CHARTS - HEALTH EDUCATION



VF1198L



VF1202L



VF1220L



VF1254L



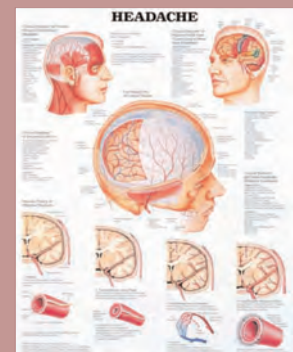
VF1204L



VF1234L



VF1258L



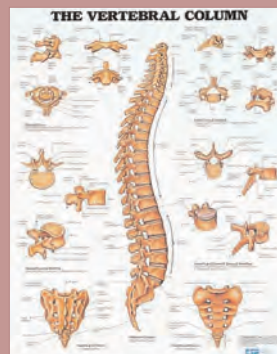
VF1208L



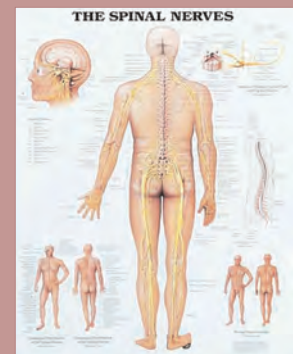
VF1262L



VF1102L



VF1104L



VF1120L

VF1198L
Disorders of the Teeth and Jaw

VF1202L
Sexually Transmitted Diseases

VF1204L
Arthritis and Joint Inflammation

VF1208L
Headache

VF1220L
Disorders of the Eye

VF1234L
Knee Injuries

VF1254L
Heart Disease

VF1258L
Hip and Knee Inflammations

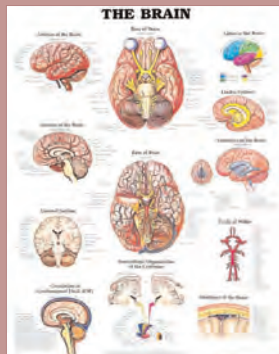
VF1262L
Dangers of Alcohol

VF1102L
The Human Skull

VF1104L
The Vertebral Column

VF1120L
The Spinal Nerves

ANATOMICAL CHARTS - HEALTH EDUCATION 53



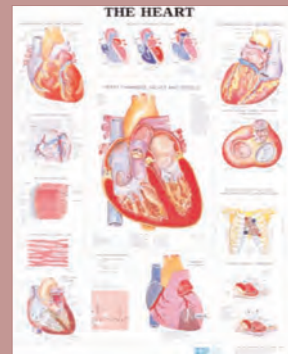
VF1122L



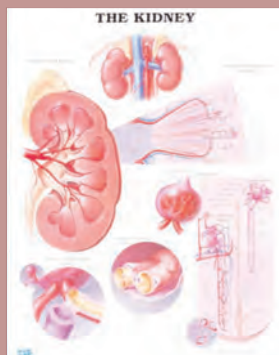
VF1130L



VF1128L



VF1136L



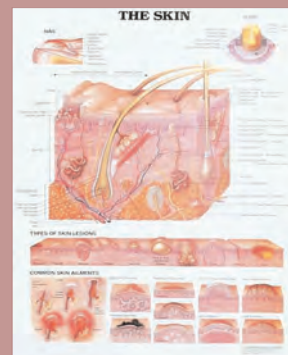
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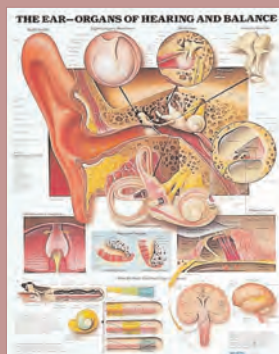
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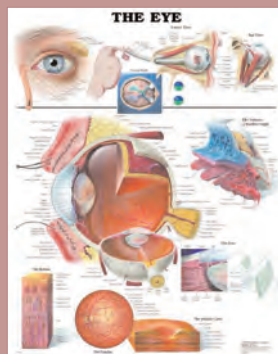
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VF1170L



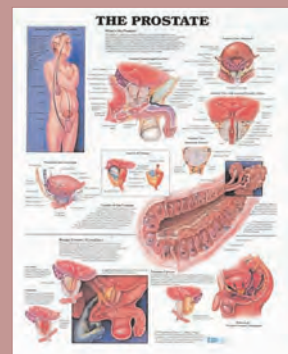
VF1160L



VF1166L



VF1172L



VF1226L

VF1122L

The Brain

VF1128L

The Teeth

VF1130L

The Liver

VF1136L

The Heart

VF1138L

The Kidney

VF1140L

The Urinary Tract

VF1160L

The Ear

VF1166L

The Eye

VF1168L

The Eye - Anterior and Posterior Chambers

VF1170L

The Skin

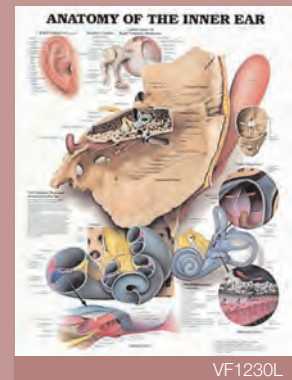
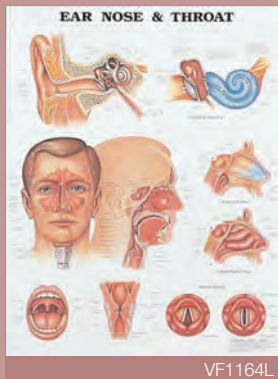
VF1172L

The Human Hair

VF1226L

The Prostate

54 ANATOMICAL CHARTS - REGIONAL ANATOMY



VF4100L

The Foot

VF4102L

The Teeth

VF1106L

Human Spine Disorders

VF1156L

Head and Neck

VF1164L

Ear, Nose and Throat

VF1174L

Hip and Knee

VF1176L

Foot and Ankle

VF1178L

Hand and Wrist

VF1180L

Shoulder and Elbow

VF1196L

Structural Anatomy of the Eye

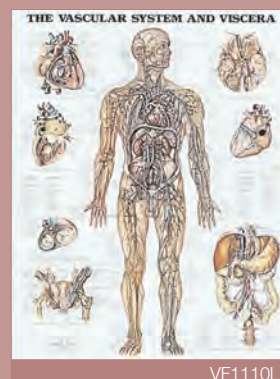
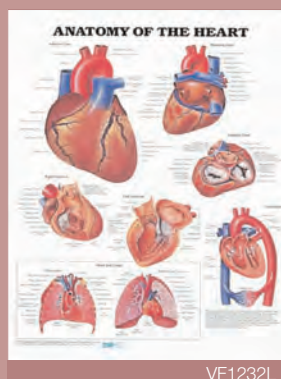
VF1228L

Pharynx and Larynx

VF1230L

Anatomy of the Inner Ear

ANATOMICAL CHARTS - REGIONAL ANATOMY 55



VF1256L
Anatomy of the Teeth

VF1242L
Dermatomes

VF1232L
Anatomy of the Heart

VF1100L
The Skeletal System

VF1108L
The Muscular System

VF1110L
The Vascular System

VF1118L
The Autonomic Nervous System

VF1124L
The Digestive System

VF1132L
The Respiratory System

VF1144L
The Male Reproductive System

VF1146L
The Female Reproductive System

VF1154L
The Endocrine System

56 ANATOMICAL CHARTS - REGIONAL ANATOMY



VF1110L



VF1134L



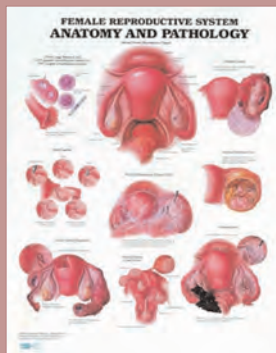
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VF1212L



VF1214L



VF1222L



VF1224L



VF1114L



VF1162L



VF1182L



VF1185L



VF1210L

VF1110L

The Skeleton System

VF1134L

The Lymphatic System

VF1206L

The Maturing Body

VF1212L

Understanding Diabetes

VF1214L

Understanding Asthma

VF1222L

Female Reproduction - Anatomy & Pathology

VF1224L

Female External Genitalia - Anatomy & Pathology

VF1114L

Understanding Hypertension

VF1162L

Understanding Middle Ear Infections

VF1182L

Understanding HIV & AIDS

VF1185L

Understanding Ulcers

VF1210L

Understanding the Common Cold

ANATOMICAL CHARTS - REGIONAL ANATOMY - PATHOLOGY 57



VF1216L



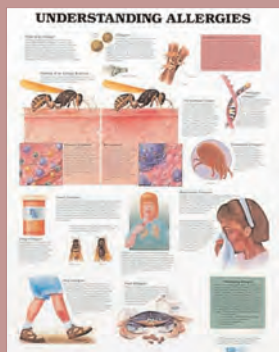
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VF1236L



VF1238L



VF1240L



VF1244L



VF1246L



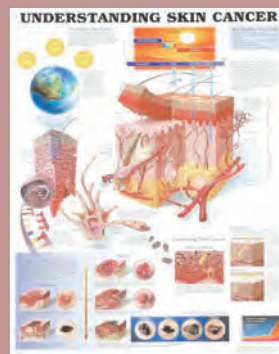
VF1248L



VF1250L



VF1252L



VF1260L

VF1216L
Understanding Stroke

VF1218L
Understanding Cancer

VF1236L
Understanding Cholesterol

VF1238L
Understanding Osteoporosis

VF1240L
Understanding Allergies

VF1244L
Understanding Alzheimer's

VF1246L
Understanding Menopause

VF1248L
Understanding Breast Disease

VF1250L
Understanding Epilepsy

VF1252L
Understanding Carpal Tunnel
Syndrome

VF1260L
Understanding Skin Cancer

58 HUMAN BODY CHARTS



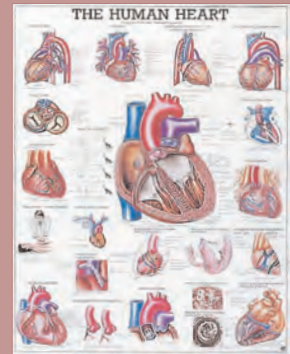
CH1



CH10



CH11



CH12



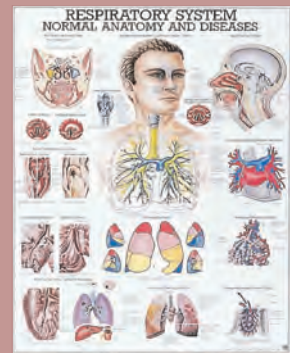
CH13



CH14



CH15



CH16



CH17



CH18



CH19



CH2

CH1
Healthy Teeth and Dental Diseases

CH10
Acupuncture

CH11
The Human Eye

CH12
The Human Heart

CH13
The Upper Limb

CH14
The Human Brain

CH15
The Endocrine System

CH6
The Respiratory System

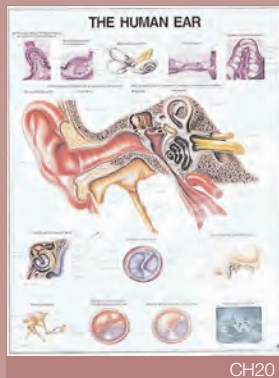
CH17
The Digestive Tract

CH18
Pregnancy & Birth

CH19
Head & Neck

CH2
The Human Skull

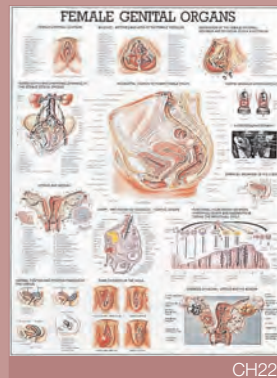
HUMAN BODY CHARTS 59



CH20



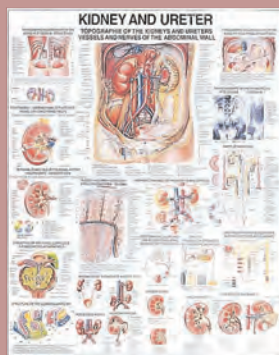
CH10



CH22



CH23



CH24



CH27



CH28



CH29



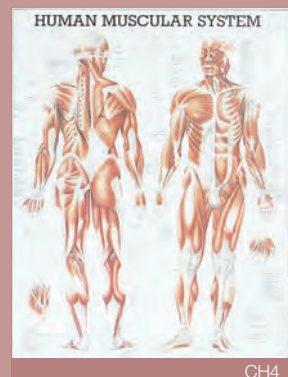
CH3



CH33



CH34



CH4

CH20
The Human Ear

CH21
Skin, Hair, Nails

CH22
Female Genital Organs

CH23
Reproductive Organs of the Male

CH24
Kidney and Ureter

CH27
Urinary Bladder & Urethra

CH28
Healthy & Diseased Feet

CH29
The Human Hand

CH3
The Human Skeleton

CH33
The Knee Joint

CH34
The Female Breast

CH4
The Human Muscular System

60 HUMAN BODY CHARTS



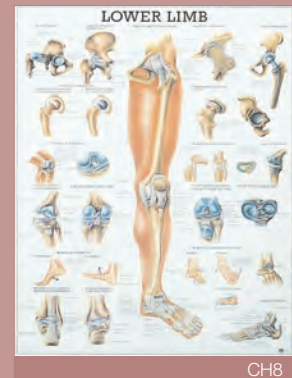
CH5



CH6



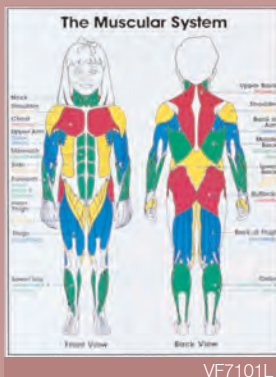
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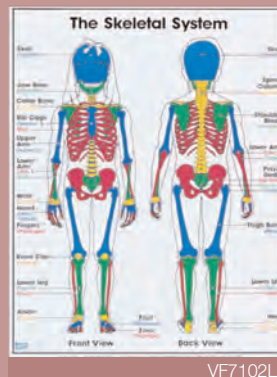
CH8



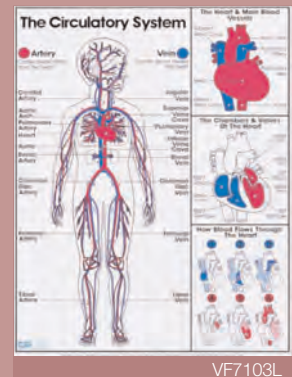
CH9



VF7101L



VF7102L



VF7103L



VF7104L



CH600 - CH602 - CH604



CH500

CH5
The Human Nervous System

CH6
The Human Vascular System

CH7
The Human Spine

CH8
The Lower Limb

CH9
The Lymphatic System laminated

VF7101L
The Muscular System

VF7102L
The Skeletal System

CH600
Skeleton Figure

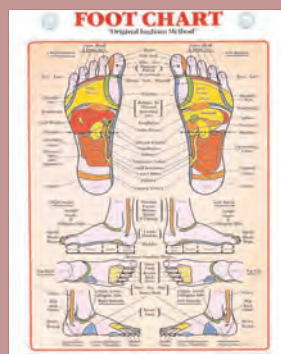
CH602
Muscular Figure

CH604
Vascular Figure

CH500
Mini Charts Set

A set of 8 CH series charts size 24 x 34cm. These laminated charts are ideal for individual learning or demonstrations.
Human Skeleton
Muscular System
Nervous System
Vascular System
Human Spine
Lower Limb
Upper Limb
Head and Neck

CPR CHARTS/ACUPUNCTURE/REFLEXOLOGY 61



VF8100L



VF8102L



VF8108L



VF3512L



VF3516L



VF3510L



VF3514L



VF3518L

VF8100L

Reflexology Foot Chart
Size 43 x 56 cms, laminated

VF8102L

Reflexology Hand Chart
Size 43 x 56 cms, laminated

VF8108L

Reflexology Hand & Foot Chart
Size 43 x 56 cms, laminated

VF3512L

CPR for Children
Charts are 60x45cm abd are protected by lamination for long life

VF3514L

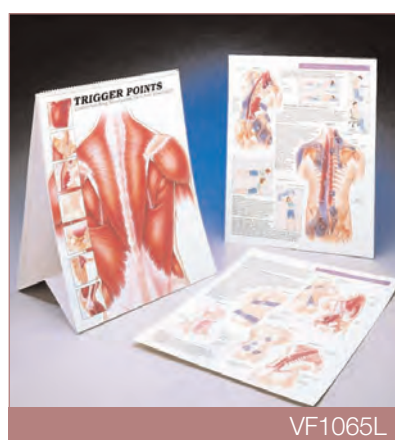
CPR for Infants
Charts are 60x45cm abd are protected by lamination for long life

VF3516L

Choking First Aid, Adults
Charts are 60x45cm abd are protected by lamination for long life

VF3518L

Choking First Aid, Child
Charts are 60x45cm abd are protected by lamination for long life



VF1065L

VF1065**Trigger Points Flip Chart**

Trigger points and affected pain sensitive areas are shown in 34 detailed anatomical figures. Pain relief exercises are shown in 19 diagrams. A built in easel, hard cover and laminated pages make this book virtually indestructible. 9 pages, supplied with marker pen. Size 28x36cm.

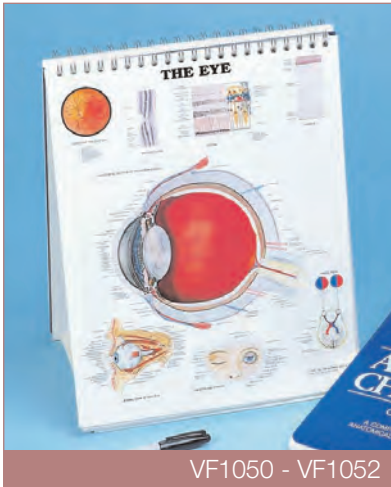


VF8112L

VF8112L**Trigger Points Chart Set**

A set of 2 laminated charts, size 53 x 86 cms. These charts show every trigger point throughout the human anatomy, colour keyed to show important areas.

62 CHARTS BOOKS



VF1050 - VF1052

VF1050

Chart Collection Book

48 of the Anatomical Charts listed below in one volume. This spiral bound flip-chart book, size 28x35cm, includes an integral easel for desk top use.

The Muscular System
The Skeletal System
The Nervous System
The Autonomic Nervous System
The Vascular System and Viscera
The Lymphatic System
The Digestive System
The Respiratory System
The Urinary Tract
The Female Reproductive System
The Male Reproductive System
The Endocrine System
The Heart
The Brain
The Spinal Nerve
The Vertebral Column
The Skull
Head and Neck
The Eye
The Eye: Anterior and Posterior Chambers
The Ear: Organs of Hearing and Balance
Ear, Nose and Throat
The Skin
The Human Hair
Shoulder and Elbow
Hand and Wrist
Hip and Knee
Foot and Ankle
The Teeth
The Liver
The Kidney
Pregnancy and Birth
Pharynx and Larynx

Cardiovascular Disease
Understanding Middle Ear Infections
Whiplash Injuries of the Head and Neck
The Human Spine Disorders
Diseases of the Digestive System
Arthritis Joint Inflammation
Diseases of the Urinary Tract
Understanding Hypertension
Conditions for Caesarian Section
Understanding Stroke
Understanding HIV and AIDS
Disorders of the Teeth and Jaw
Understanding Cancer
Understanding the Common Cold
Understanding Diabetes

VF1052

Charts Collection Book, Laminated

As VF1050 but with laminated pages

VF1060

Rapid Review Anatomy Guide



VF1037L



VF1070

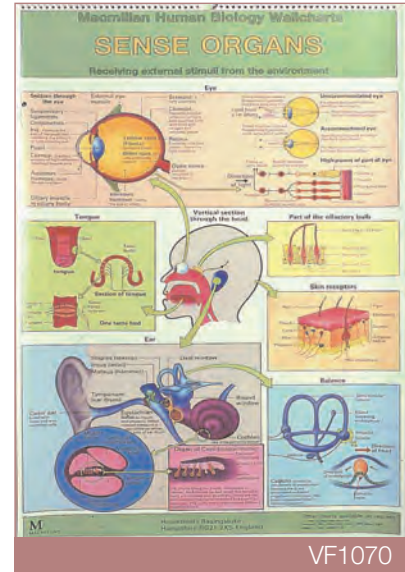
VF1070

Human Anatomy Flip Chart

VF1037

Charts Booklet

A collection of 37 Anatomical Charts 28x35cm, presented in a handy low cost booklet. They cover the main systems of the body, the important structures and organs, and a selection of diseases and disorders. Easily stored, the booklet is ideal for the study of human anatomy, patient consultation, or quick reference. Each page is perforated so that the individual charts may be removed if required.



VF1070

VF1070

Simple Anatomy Flip Chart

A collection of 10 large charts of human anatomical systems, 56x86cm.

Skeleton, bones and joints
Muscles
Respiratory system
Blood, heart and circulation
Digestion
Excretion, by skin, lung, liver, kidneys
Nervous system
Sense organs
Reproductive system
Cells and cell division
Coated with a wipe clean surface the charts are spiral bound with hook for hanging. Size 56x86cm..

AV650

Human Skeleton Photographic Manual

SCHOOLS HEALTHY EDUCATION CHARTS 63

A series of large, brightly coloured charts covering some of the main risk choices faced today. Each chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.



VF5101L

VF5101L Your Skeleton

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm



VF5102L

VF5104L Your Respiratory System

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm



VF5103L



VF5104L

VF5102L Your Muscles

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm

VF5105L Your Brain and Nerves

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm



VF5105L

VF5103L Your Digestive System

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm

64 HEALTHY EDUCATION CHARTS



VF5106L

VF5106L The Heart and Blood Supply

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm



VF5107L

VF5107L Your Eyes

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm



VF5108L

VF5108L Your Ears

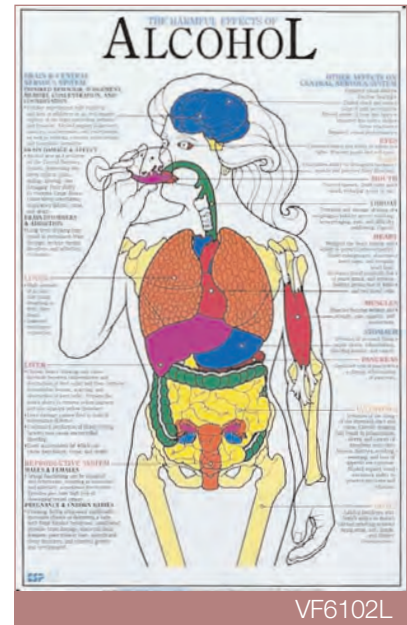
Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm



VF6101L

VF6101L The Harmful Effects of Cocaine

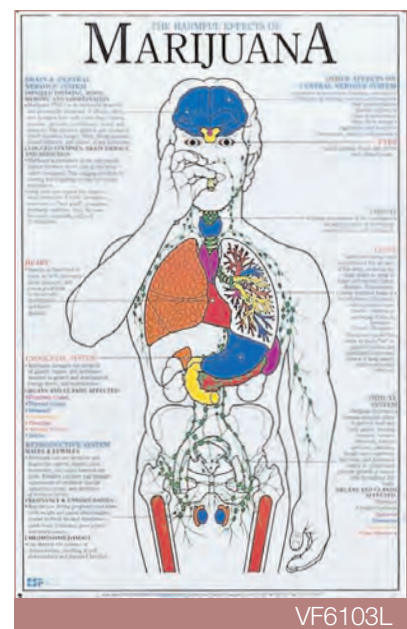
Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.



VF6102L

VF6102L The Harmful Effects of Alcohol

Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.



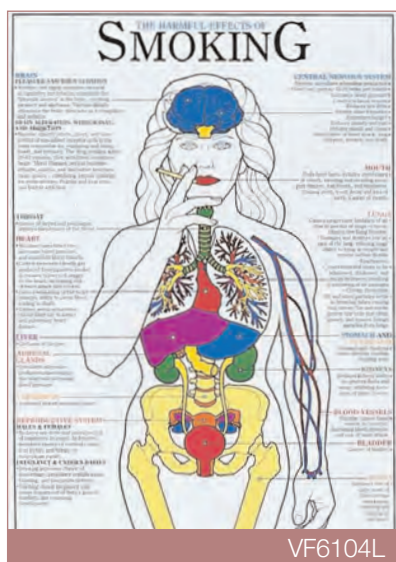
VF6103L

HEALTHY EDUCATION CHARTS 65

VF6103L

The Harmful Effects of Marijuana

Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.



VF6104L

VF6104L

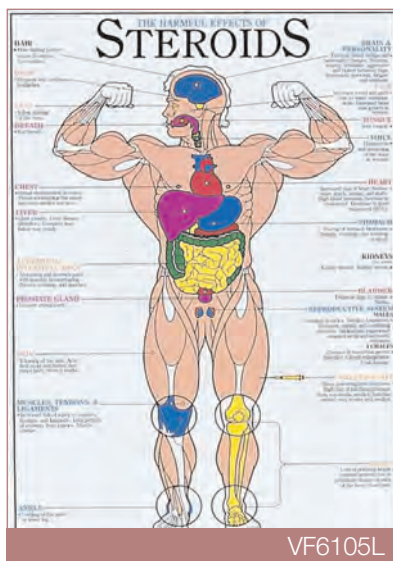
The Harmful Effects of Smoking

Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.

VF6105L

The Harmful Effects of Steroids

Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.



VF6105L

VF6106L

The Facts About HIV and AIDS

Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.

VF6107L

How the AIDS Virus is Transmitted

Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.

VF6108L

The Harmful Effects of Inhalants

Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.



VF6106L



VF6107L



VF6108L

66 HEALTHY EDUCATION CHARTS/INFORMATION BOOKLETS

VF6109L

The Harmful Effects of Heroin

Part of a series, these brightly coloured charts covering some of the main risk choices faced today. Chart is 60x91cm and is laminated to ensure long life. The text presents the risks in plain, easily understood terms and uses colour to link them to the body areas concerned.

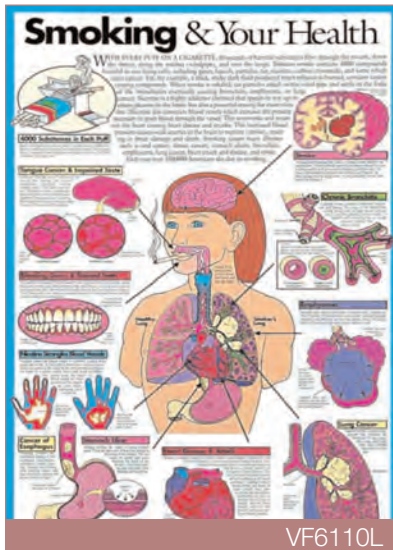


VF6109L

VF6110L

Smoking and Your Health

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm



VF6110L

Part of a series of information packed books which are easy to read and understand. These booklets, 40x20cm, 16 pages long.



VF6111L

VF6111L

The Harmful Effects of Alcohol & Drugs on the Fetus and Infant

Part of a series, these brightly coloured charts of the body is designed to be informative and fun. These fact filled charts have question and answer sections. Laminated, size 51x66cm



S40736 - S42351 - S43029 - S43037
S43110 - S43128 - S43126 - S43144
S43177 - S43185 - S43193 - S43276
S43284

S40736

About HIV and AIDS

S42351

About Hepatitis B

S43029

Living with Cancer

S43037

About Skin Cancer

S43110

Cancer Detection and Prevention

S43128

About Asthma

S43136

About Tuberculosis(TB)

S43144

Living with Diabetes

S43177

About Alzheimer's Disease

S43185

About Stroke

S43193

Living with a Stoma

S43276

Living with Arthritis

S43284

About Living with Chronic Pain

GENERAL INFORMATION BOOKLETS - MENS HEALTH 67 PREGNANCY - WOMENS HEALTH



S40017 - S40025 - S40090 - S40207
S40314 - S40322 - S41767 - S41858
S42401 - S42427 - S43011 - S43292

S40017

About Alcohol

S40025

About Women and
Alcohol

S40090

About Preventing Back
Problems

S40207

You and Your Blood
Pressure

S40314

About First Aid

S40322

About Drugs

S41767

The Dangers of
Smoking

S41858

About Cholesterol

S42401

Safe Manual Handling

S42427

What is Your Risk of
Heart Disease

S43011

You and Your Weight

S43292

Physical Fitness and
Your Heart



S42765 - S43052

S42765

About Good Health for
Men

S43052

What Every Man Should
Know about Prostate
Problems



S43201 - S43210 - S43227 - S43300

S43201

How to have a Healthy
Pregnancy

S43219

About Breast Feeding

S43227

About Diagnostic Tests
During Pregnancy

S43300

About Smoking and
Pregnancy



S42773 - S43045 - S43151 - S43250
S43318 - S43475 - S43508

S42773

About Good Health for
Women

S43045

About Mammography

S43151

About Osteoporosis

S43250

About Cervical Smear
Tests

S43318

About Breast Health

S43475

About Menopause

S43508

About Hysterectomy

68 HUMAN BODY CHARTS

AV550

Anatomy Trainer CD ROM

This comprehensive anatomical CD has almost 400 high resolution images and nearly 3,000 exam relevant anatomical structures, allowing you to perform complex test routines and to analyse your results.

System Requirements - Windows
Pentium Processor, 133MHz
Windows 95, 98, Windows NT
QuickTime 3.0 (Installer on CD)
32 MB RAM
8 x CD-ROM drive
Monitor resolution 640 x 480
32.000 Colours (16 Bit)
Soundcard

Optimal Exam Preparation

- * Unique new quiz function with selectable parameters
- * Instantaneous and systematic analysis of quiz results
- * Organisation of revision tasks with long term progress evaluation
- * The powerful index can be used to access almost 3,000 exam

relevant structures

Individual Quiz Parameters

- * A test tomorrow on the eye muscles? No need to panic.
- * Select the categories required, 'In progress' or 'Not yet asked'
- * Specify the type of test e.g. Multiple choice and the scope, 'eye muscles'

Quiz Analysis

- * Automatic and instant evaluation of the quiz
- * Entire learning history is graphically shown
- * Progress can be carefully monitored

Additional Highlights

- * User interface in English and German with database additionally in Latin
- * 3D selection figure
- * Zoom to 200% - no interpolation
- * Fully hyperlinked index
- * Extra glossary with over 300 general terms explained
- * Runs directly from CD ROM, no installation necessary

BASIC LIFE SUPPORT 69



ZKM-065-R

ZKM-065-R
Economy Adult Sani-Manikin 4pk with Carry Bag

ZKM-070-T
Economy Adult Sani-Manikin

Sani-Man, Sani-Child, & Sani-Baby

These economical CPR manikins feature single-use airway/lung/face shield system, anatomical landmarks including sternum and ribcage plus substernal notch. No cleaning, no disinfecting, no disassembly required!



ZKM-075-P

ZKM-080-W
Sani-Man

ZKM-685-L
Face shield Lung system-100pk

ZKM-090-K
Soft carry bag with Kneeling Pads

ZKM-095-C
Sani Child

ZKM-096-B
Face Shield Lung System 100pk



ZKM-064-Q
Economy Adult Sani-Manikin

This lifelike CPR manikin offers a realistic, affordable way to provide students their own manikin. Designed with the instructor in mind. No cleaning...No disinfecting...No disassembly...Just pack and go!

Manikin features: realistic head tilt, single-use airway/lung/face shield system, simulated chest rise, palpable landmarks, and xiphoid process for reference in hand placement. The manikin is light in weight, yet durable for extended training life.

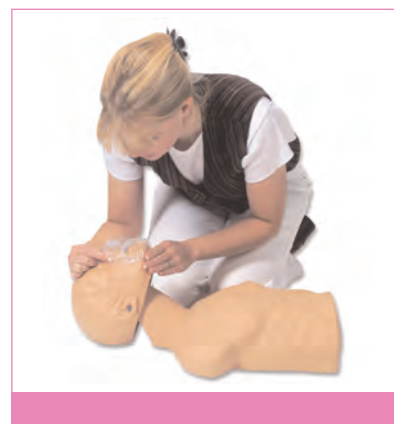
ZKM-097-Q
Sani-Baby

ZKM-088-T
Sani-Baby 4 Pack with carry bag

ZKM-098-F
Face shield lung system 100 pk

ZKM-689-U
Sani Baby/Child Carry Bag

ZKM-010-P
Sani-Baby Carry Bag for 4 Pack



ZNA 2135



ZNA 2135

70 BASIC LIFE SUPPORT



ZKM-090-T

ZKM-090-T

Instructors Economy Starter Pack

The pack includes 3 Economy Adult Sani-Manikins, 200 Adult Face Shield Lung Systems, 2 Sani-Baby Manikins, 100 Baby Face Shield Lung Systems, and a carry storage bag.

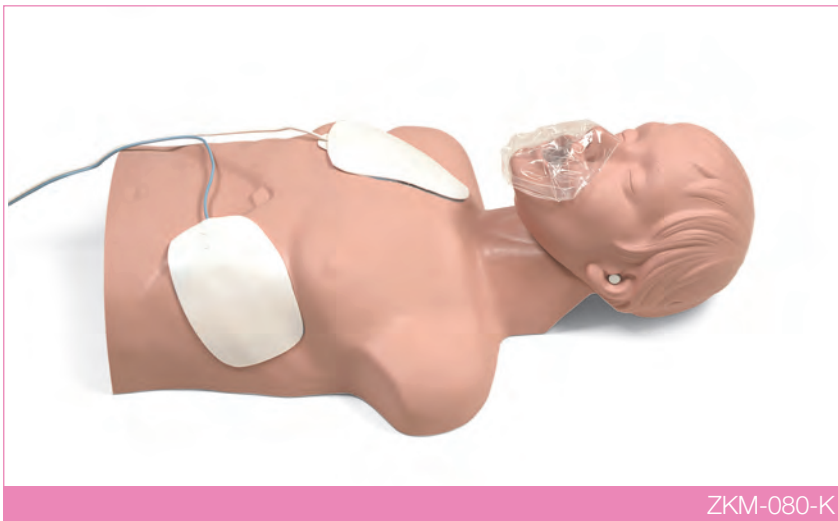
ZKM-080-K

ZOLL AED Trainer Package

This unit allows students to practice realistic device operation using AHA recommended training scenarios. An identical graphical operator interface and complete audio and visual prompts mimic the AED Plus in its look and operation. Screen messages, audible tones and voice prompts guide the user through all aspects of the rescue from arrival on scene and calling for help, to administering CPR and shock delivery.

The convenient handheld remote control for instructor use is pre-programmed with the eight American Heart Association Heart saver AED training scenarios and offers a manual scenario function, plus "Attach Pads," "Low Battery," and "Call for Service" simulations. The Training Unit is powered by six C cell batteries or an AC adapter. Supplied with Training Electrode Kit, Training Remote Control, AC Adapter, Hand-Held Cord, Operator Manual, Administration Guide, and one (1) year limited warranty.

- AED trainer only
- AED trainer package with economy adult sani-manikin
- AED trainer package with economy adult sani-manikin and carry bag
- Zoll training electrodes



ZKM-080-K

ZKM-095-G

Instructor's Economy Starter Package

This package is intended to give instructors the opportunity to replace older equipment or purchase start-up needs in the most economical way possible. The Economy Starter Package includes 1 Economy Adult Sani-Manikin, 4 pack with carry storage bag, 200 Adult Face Shield Lung Systems, 1 Sani-Baby Manikin 4 pack with carry storage bag, and 200 Baby Face Shield Lung Systems.



ZKM-095-G



ZKM-111-B

ZKM-111-B**Brad™**

This economical CPR manikin is constructed of soft, realistic vinyl plastic over polyurethane foam. Features include: long torso for realistic abdominal thrusts, realistic head tilt and chin lift for opening airway, and anatomical landmarks including sternum and ribcage plus substernal notch. Airway can be easily manipulated to simulate airway obstruction or choking situations. Also included are three disposable/lung airway systems and three channel design mouth/nosepieces. Nylon carry bag and kneeling pads included

- Brad with Carry Bag
- Brad with Electronics and Carry Bag
- Airway System
- Channel Design Mouth/Nosepiece
- Carry Bag with Kneeling Pads



ZKM-121-U

ZKM-121-U**Manikin Face Shields**

Latex-free inexpensive manikin face shields used to teach the use of biological barriers available in 100 packs.



ZKM-100-K

ZKM-100-K**Instructor's Professional Starter Package**

This package is intended to give instructors the opportunity to replace older equipment or purchase start-up needs in the most economical way possible. The Professional Starter Package includes 2 CPR Brad Manikins, 1 CPR Kyle Child Manikin, 1 CPR Kim Newborn Manikin, additional 10 pack of Adult, Child and Newborn mouth/nose pieces, additional 24 pack of Adult, Child and Newborn airway systems, and 100 Latex Free Manikin Face Shields.

ZKM-122-P**Console Box**

ZKM-122-P

72 BASIC LIFE SUPPORT

Kim, Kevin, & Kyle

ZKM-151-N

Newborn CPR Manikin

ZKM-125-C

Child CPR Manikin

ZKM-143-B

Infant CPR Manikin

Economically priced and designed for instruction of CPR, these paediatric manikins feature lightweight, rugged, foam filled bodies, personal use channel mouth/nosepieces for each student, and disposable airways with nonrebreathing valves. Landmarks include nipples, xiphoid process, and substernal notch. Soft carry bag included.



ZKM-151-N

ZKM-125-C

ZKM-143-B



ZKM-400-W

ZKM-400-W

Paul™

This economical CPR manikin is constructed of soft, realistic vinyl plastic over polyurethane foam. Features include: long torso for realistic abdominal thrusts, realistic head tilt and chin lift for opening airway, and anatomical landmarks including sternum and ribcage plus substernal notch. Airway can be easily manipulated to simulate airway obstruction or choking situations. Also included are three disposable/lung airway systems and three channel design mouth/nosepieces. Nylon carry bag and kneeling pads included

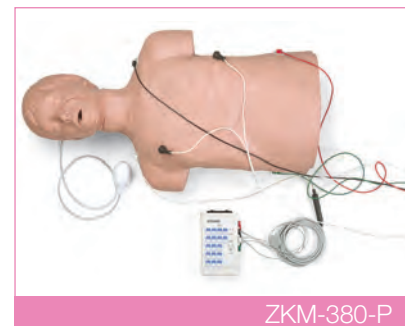


ZKM-410-B

ZKM-410-B

Brad Jr.

Brad Jr.'s realistic appearance, accurate anatomical landmarks, and individual-use mouth/nosepieces with disposable airway/lung system and non-rebreathing valve combine for function, durability, and ease of use. Approximate age: 7 years



ZKM-380-P

ZKM-380-P

Defibrillation/ CPR Trainer

For demonstration and practice of defibrillation and CPR training. Functions with manual, semiautomatic, and automatic defibrillators. Complete CPR capabilities. The arrhythmia/pacing simulator recreates 17 adult heart rhythms and 17 paediatric rhythms. With an external pacer, you can simulate electronic capture. You can also simulate cardio version with manual, semiautomatic, or automatic defibrillation. Comes complete with arrhythmia simulator, and soft carry bag.
-Defibrillation CPR Training manikin with carry bag

BASIC LIFE SUPPORT 73

**Adam, A.J. & David**

Adam and A.J. come with our patented ball/valve airway, which replicates the occluded airway of the victim in need of CPR, and opens to allow air to lungs when proper chin lifts are applied. Features include: personal use channel mouth/nosepieces for each student, lightweight, portable, lifelike anatomical landmarks, carotid pulse, sternum, ribcage, and substernal notch. Soft carry case with kneeling pads included.

ZKM-800-K

Adam adult with carry bag

ZKM-810-V

Adam adult with electronics and carry bag

ZKM-820-R

Adam/David airway with lung system

ZKM-830-Z

Adam/David lung only

ZKM-840-L

Adult Channel Mouth/Nosepiece

ZKM-860-Y

AJ Adolescent with carry bag

ZKM-870-B

AJ Adolescent with electronics and carry bag

ZKM-880-E

AJ Airway with Lung System

ZKM-890-A

AJ Replacement Lungs

ZKM-900-N

AJ Channel Mouth/Nosepieces

ZKM-910-P

David African-American adult with carry bag

ZKM-920-C

David African-American adult with electronics and carry bag

ZKM-930-F

Adult African-American Channel Mouth/Nosepieces

ZKM-430-T

ZKM-430-T

BLS Trainer and Torso with Carry Bag

Designed for professional CPR instructors and beginning students, this manikin features an individual student airway system with an inexpensive face shield and airway. You can locate the carotid pulse and perform nose pinch, head tilt, and jaw thrust manoeuvres. Anatomical landmarks include the sternum, ribcage, and substernal notch. No cleaning, no disinfecting, no disassembly required. Soft carry case included.

-BLS Trainer torso with carry bag

-BLS trainer full body with carry bag

-Face shield bags for BLS trainer



ZKM-440-P

Choking Manikins

Completely realistic manikins available in child, adolescent, and adult sizes. Each life-size head and upper torso allows practice of abdominal thrust; chest thrust, and back blow procedures for clearing FBAO's. Manikins are made with specially selected durable vinyl to create tactile realism. When correct clearing procedures are performed, the manikin will expel the object causing the obstruction. The choking objects provided make excellent practice obstructions. Each manikin has a ribcage, xiphoid process, and jugular notch to provide anatomical reference points for the demonstration of hand placement for CPR technique. This aids in learning the physical shifts necessary. Manikins include choking objects, shirt, and soft carry bag.

ZKM-440-P

Adult size torso with carry bag

ZKM-442-M

Adolescent choking manikin with carry bag

ZKM-443-S

Child choking manikin with carry bag

ZKM-444-T

Obese Mature Choker

What do rescuers do when they can't place their arms around the circumference of a choking adult? Now you've found the manikin to train this important skill! This addition to the Choker family increases the selection of the tools to teach proper hand placement, effective abdominal thrusts, and protocols for working with pregnant or older, heavier victims of airway obstruction. Anatomical features are limited, just as in overweight adults. The navel is present, however the rib cage remains hidden by the excess fatty tissue over the abdomen and pectorals, or, as is the case with advanced pregnancy, the swollen abdomen and breasts. Perform the procedure correctly and this Obese Mature Choker functions by expelling the obstruction. Soft carry bag included.

-Obese choker manikin with carry bag

74 BASIC LIFE SUPPORT



Full Body CPR/Trauma

This rescue/CPR manikin replicates a wide range of real trauma conditions that are likely to confront the rescuer. Used for demonstrating and teaching proper CPR and first aid techniques, its features include resiliency and weight of a human body for realistic practice in transport, rescue, and lifesaving procedures. The lifelike anatomical landmarks include: a chest with sternum, ribcage, and substernal notch with natural resistance to chest compressions. The airway ball valve allows the lungs to inflate only with the head extended and accurately positioned. Add our trauma options to fully utilize the realism of this manikin.

- Full-body CPR/trauma Manikin
- Full-body with electronics
- Channel mouth/nosepieces
- Ball valve assembly for basic Full-body CPR manikin
- Ball valve assembly for Full-body CPR manikin with electronics
- Full-Body CPR replacement lungs
- Full-Body CPR airway systems
- Transport rescue head
- Full-body carry bag
- IV lower arm with hand
- Trauma moulage kit



Original CPR Premie, Cathy, Bonnie, Billy, & Timmy

Simulaids original CPR Paediatric manikins are air-filled, but can be filled with water to simulate the weight and "feel" of real children. Our manikins feature realistic chest rise, lifelike ribcage with sternum, xiphoid process, suprasternal notch, and painted nipples for accurate CPR hand placement. Adequate ventilations cause a realistic chest rise. The flow-through design of these manikins allows cleaning and sanitizing without disassembly. Provided with soft carry bag, clothing, and 12 disposable lungs. Manikins are available in basic models or with electronic monitoring console.

-CPR Cathy with electronic console

ZKM-340-K
CPR Cathy Infant

ZKM-345-R
With Electronics

ZKM-350-W
CPR Bonnie African-American Newborn

ZKM-355-X
With Electronics

ZKM-360-L
CPR Billy 6-9 months

ZKM-365-B
With Electronics

ZKM-370-Z
CPR Timmy 3 years old

ZKM-375-F
With Electronics

BASIC LIFE SUPPORT 75



BASIC BUDDY

- Adult and child capabilities- No messy clean up
- Light weight and portable
- Economical
- Totally sanitary one piece lung/mouth protection system
- Realistic chest rise
- Unique airway system opens and close with proper technique
- Tough and durable
- Simple to use
- Rebreathing airway
- Anatomically correct with palpable landmarks

This Basic Buddy™ CPR Manikin is a dramatic, inexpensive, and state-of-the-art manikin designed for teaching individuals or large groups the life-saving techniques of CPR. The one-piece, disposable lung/mouth protection system makes this manikin completely sanitary — there is no risk of cross contamination and no need to and provide trouble-free maintenance. Rugged carrying bags make transporting the Basic Buddy™ 5-Pack and 10-Pack convenient (manikins fit into bags fully assembled). Full one-year warranty.



ZKM-609-K
Basic Buddy 10 pack

ZKM-610-E
Basic Buddy 5 pack

ZKM-620-L
Basic Buddy Single manikin

ZKM-630-W
Basic Buddy Lung Bags

ZKM-640-T
Basic Buddy Carry bag

ZKM-650-S
Baby Buddy 10 pack

ZKM-660-B
Baby Buddy 5 pack

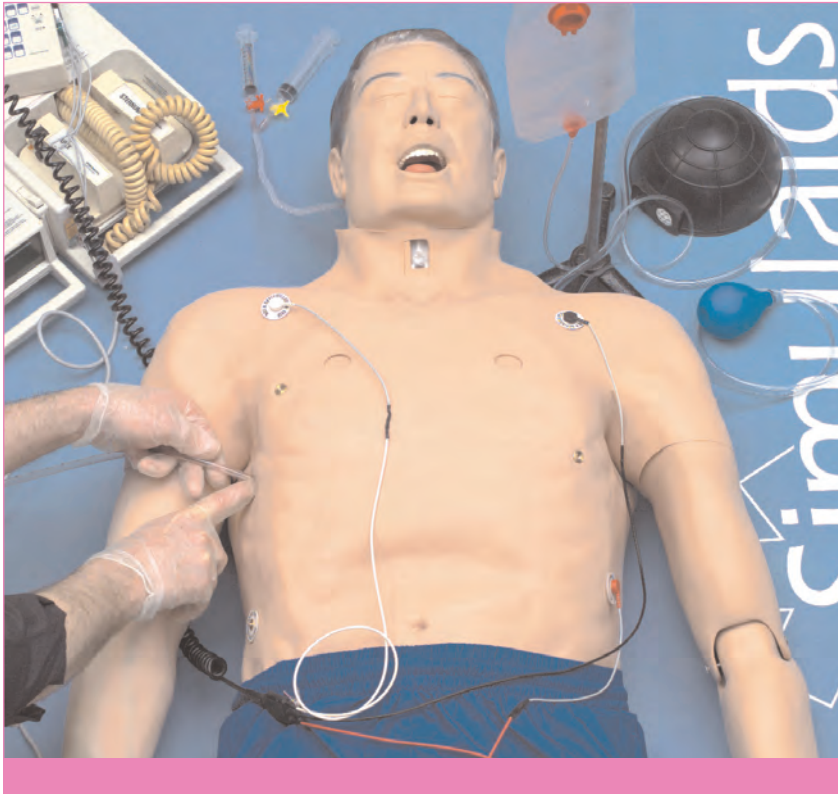
ZKM-670-A
Baby Buddy Single manikin

ZKM-680-R
Baby Buddy Lung Bags



76 ADVANCED LIFE SUPPORT

Simulaid introduces STAT fully upgradeable Manikins. The 5'10" body demonstrates a giant step forward in manikin design. Joint range of motion is near human, and pinching in jointed areas is a lost art. Rib cage motion mimics lifelike respirations. Multiple pulse points demonstrate blood pressure variations.



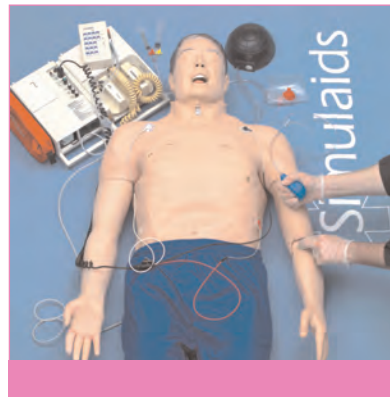
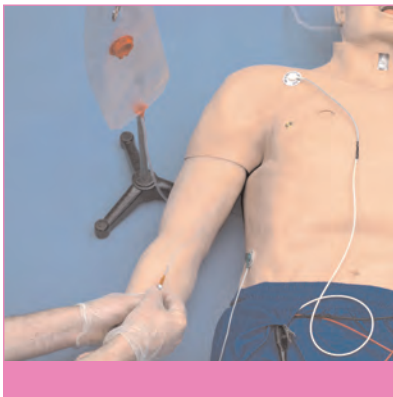
ZKM-170-P STAT MANIKIN

Features:

- Totally new body
- Accurate human anatomy
- Joints with realistic range of motion
- Represents 5'10" male

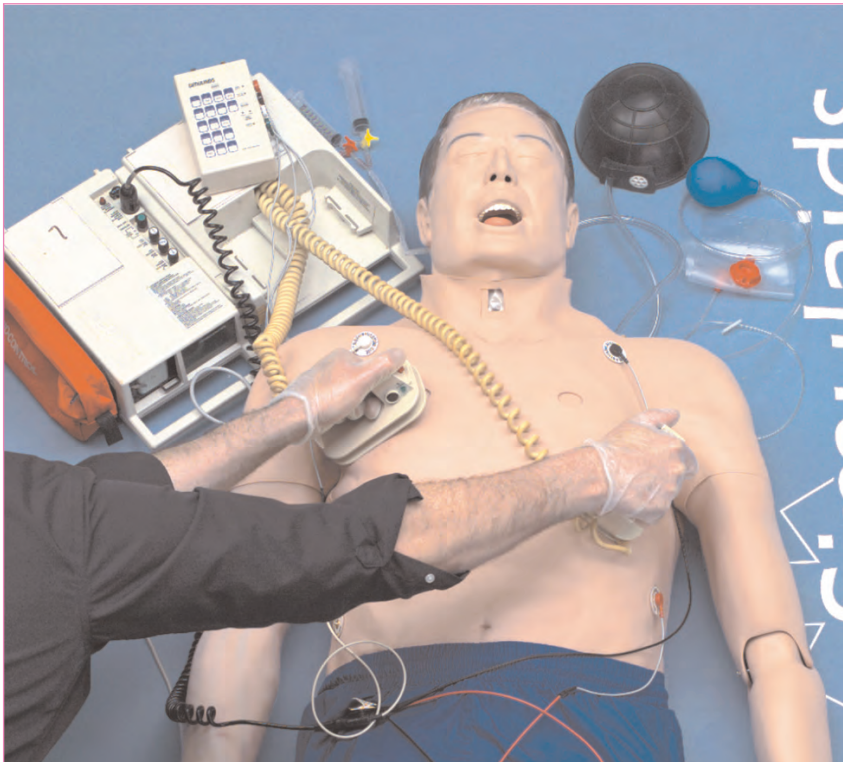
Skill Areas:

- Pulses
- CPR
- IM injection site
- Advanced IV arm
- Intubations
- 4-lead monitoring
- Chest tubes



Training Cables

ADVANCED LIFE SUPPORT 77



Challenges:

- 12 pulse points
- Oral and naso-intubation
- Tongue swells
- Laryngospasm
- Cricothyrotomy
- Bilateral chest tube placement with simulated fluid discharge
- Bilateral pneumothorax relief
- Stomach distention
- IV therapy
- Defibrillation
- Arrhythmia training

Replacement parts

ZKM-720-Q

Cricothyrotomy replacement skin

ZKM-730-F

Injection site

ZKM-740-N

Interactive ECG simulator

ZKM-750-L

IV arm replacement skin

ZKM-760-H

IV replacement vein kit

ZKM-780-K

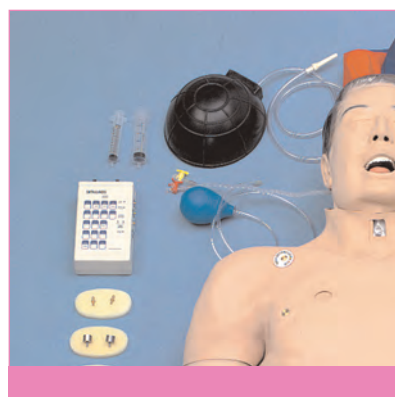
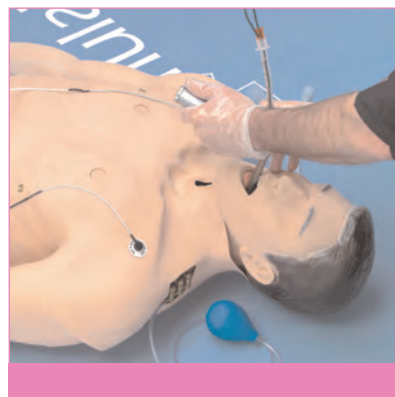
Pneumothorax pads

ZKM-790-B

Reservoir bag

ZKM-795-E

Simulated blood powder



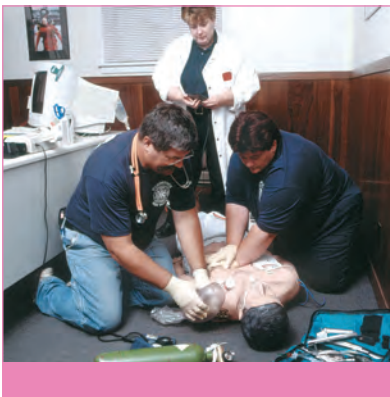
78 ADVANCED LIFE SUPPORT

PDA STAT challenges your concept of scenario training. By simply stepping back away from the manikin and selecting a menu driven scenario on your Palm Pilot, you can watch the events unfold, question the students about their actions, and teach critical thinking skills! Whether you choose a clinical lab setting for basic instruction, an office floor down the hall to demonstrate scene anomalies, or a car in the ditch to test multi-tasking prioritising, PDA STAT Simulator defines portable

The on-board and enclosed air compressor and electronics package removes all the peripheral baggage you've seen in other scenario trainers. Simply plug in your extension cord and connect your Palm Pilot to the link cable and the event is happening.



ZKM-450-F



ZKM-450-F

PDA STAT features

- 12 Pulse Points
- Advanced IV arm
- Bilateral Tension Pneumothorax
- Oral and nasal intubations
- Tongue oedema & laryngospasm
- Cricothyrotomy
- 4 lead ECG monitoring and defib
- CPR
- Upper teeth break out
- Inflation of pulses and pneumothorax
- Bilateral chest tube insertion with simulated fluid discharge
- IM injection site on deltoid
- Left and right lungs and stomach that distends
- All of these Manual STAT features, plus:
- Palm Pilot OS Program
- 110 volts a/c power cord
- Instructor controls scenario from Palm Pilot
- No external air compressor
- Heart and lung sounds selection
- Blood pressure variable in left arm
- Manikin reacts to treatment
- Drug list from AHA
- AHA algorithms

In addition, PDA STAT comes with PC download programming so the PDA can be hot sync'd to your PC. The student files can then be accessed for objective review of sessions, record editing, and record keeping. A separate CPR function report is also available for assessing the student's performance.



Replacement Parts

ZKM-451-E

Cricothyrotomy replacement skin

ZKM-452-W

Injection replacement site

ZKM-453-M

IV replacement skin

ZKM-454-P

IV replacement vein kit

ZKM-455-S

Pneumothorax replacement pads

ZKM-456-K

STAT reservoir replacement bag

ZKM-457-F

Simulated blood powder

ZKM-458-L

Replacement teeth

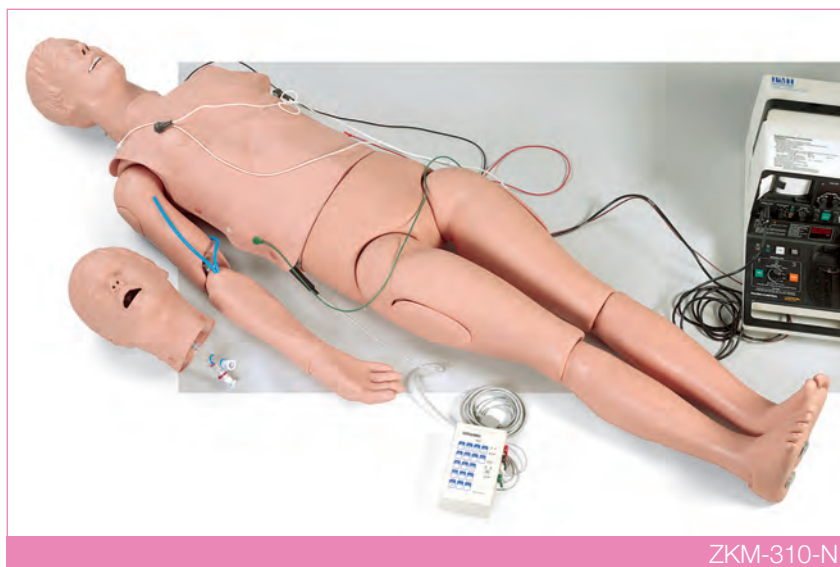
ADVANCED LIFE SUPPORT 79

ZKM-310-N

Adult ALS Trainer

Purchase the ALS manikin complete or customize to fit your training needs.

The trainer contains teeth, uvula, vocal cords, glottis, epiglottis, larynx, arytenoid cartilage, trachea, oesophagus and inflatable lungs and stomach. Anatomical landmarks include the sternum, ribcage, and substernal notch. Additional features include oral and nasal airways for intubations, bag valve mask ventilation, delivery of supplemental oxygen, palpation of carotid pulse, ABC assessment, separate right and left lungs, auscultation of air movement, chest compressions and precordial thump, jaw thrust, IV sites in hand and arm for venipuncture, intramuscular injection site, blood pressure cuff placement, and rhythm recognition featuring 17 rhythms, both adult and paediatric. Use with manual, semi-automatic and automatic defibrillators (A.E.D.). Package includes ECG rhythm generator, CPR head and intubation head. Soft carry bag included.



ZKM-310-N



ZKM-315-K

ZKM-305-T

-Complete ALS torso with carry bag

ZKM-310-N

-Complete ALS full body trainer with carry bag

ZKM-315-K

ALS Trauma Head

This trauma head, in conjunction with our ALS trainer #080, can be used to simulate numerous trauma situations including anaphylactic shock and Laryngeal Spasm. Model includes swelling of tongue and vocal cords. Also has internal and external bleeding. Can be used with all types of suction units. Accepts Combitube®, E.O.A., E.G.T.A., and P.T.L. and L.M.A.

airways. A Cricothyrotomy can also be performed using this model. Additional Features include oral and nasal airways for intubation, bag valve mask ventilation, and delivery of supplemental oxygen.

-ALS trauma head

ZKM-330-P

Paediatric ALS Trainer

Features include bag valve mask ventilation, intubation head, oral or nasal intubation, Sellick's Manoeuvre, accepts NG tube, four lead monitoring, brachial pulse, external chest compressions, jaw thrust, IV sites in hand and arm,



ZKM-330-P



ZKM-330-P

two I/O legs for intraosseous needle insertion and aspiration of bone marrow, scalp vein for palpation, cranial sutures, and fontanels. Soft carry bag included.

- Paediatric ALS trainer complete with Arrhythmia simulator
- Paediatric ALS trainer with carry bag

ADVANCED LIFE SUPPORT 81



ZKJ-321-A

ZKJ-321-A Trainer Torso

Features anatomical landmarks including sternum and ribcage plus substernal notch. The manikin contains teeth, uvula, vocal cords, glottis, epiglottis, larynx, arytenoid cartilage and trachea. Additional features include oesophagus and inflatable lungs and stomach, n.g. Tube placement, bag valve mask ventilation. Soft carry bag included.

ZKJ-321-A Adult Airway Management Trainer

Detailed anatomy featured on the adult intubation trainer stands out. Get a clear picture of human anatomy from the sculpted alveolar sac, bronchial tree, and blood vessel structures of the cross sectioned and exposed flexible lungs, to the interior main bronchus and oral/nasal pharyngeal spaces. Combine these details with an airway complicated by breakout teeth, tongue oedema, and laryngospasm, and this airway trainer rates hard. An anatomical stomach that swells with oesophageal intubation, or excessive pressure with the BVM during rescue breathing, together with the vomiting capability of this manikin makes this an exceptional educational tool for multitasking. Includes instructions for use, soft carry bag, lubricant, and replaceable lungs and stomach.



ZKJ-203-P

ZKJ-204-R Critical Airway Management Trainer

This very difficult intubation head, coupled with the CPR torso, supplies the challenges for initiating respiratory care to the critical patient. By using the features of tongue swelling and laryngospasm the instructor creates a critical airway management problem that requires the student to perform cricothyrotomy. In addition, two external and one internal bleeding wounds demand attention with suctioning and bleeding control.



ZKJ-319-B

ZKJ-319-B Economy Adult Airway Management Trainer

This detailed adult intubation head comes mounted for clinical teaching and practice of advanced airway management. Intubation procedures and skills, including anatomy knowledge and recognition, endotracheal intubation, nasotracheal intubation, use of field emergency airway adjunct tubes like LMAs and Combitube, securing, and suctioning, and maintenance of the installation can all be practiced with this unit. A soft carry bag, lubricant, and instructions for use are included.

ZKJ-319-B Paediatric Airway Management Trainers

Features landmarks including uvula, vocal cords, glottis, epiglottis, larynx, arytenoid cartilage, trachea, oesophagus, and inflatable lungs and stomach. Perform nasal and oral intubation. Vocal cords are highlighted in white for easy laryngoscope viewing. Carry bag and lubricant included.

ZKJ-320-S "Airway Larry" Adult Airway Management Trainer with Stand

"Airway Larry" simulates a nonanaesthetised patient for practicing intubation, ventilation, suction, and CPR techniques. It features anatomy and landmarks including teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false cords, true vocal cords, trachea, lungs, oesophagus, cricoid cartilage, and stomach. The trainer allows you to practice oral, digital, and nasal intubation, as well as E.T., E.O.A., P.T.L., and Combitube® insertion.



ZKJ-320-C

82 ADVANCED LIFE SUPPORT

ZKM-465-G

Child Airway Management Trainer on Stand with case

A simulated head of a 5-year old child featuring realistic size and anatomy. Perfect for practicing airway management skills on paediatric patients. Realistic anatomy includes mouth, tongue, oral pharynx, larynx, epiglottis, inflatable stomach bladder indicates oesophageal insufflation. Practice suctioning and oral, nasal, and intubation techniques. Comes with pump spray lubricant.

ZKM-470-S

Infant Airway Management Trainer with Stand

The Infant Airway Management Trainer features realistic size and anatomy and is perfect for practicing airway management skills on an infant. Comes with pump spray lubricant

ZKM-480-W

Infant CRiSis™ Manikin

Everything you need in one manikin; not three or four pieces of equipment placed in close proximity! This manikin is a complete resuscitation system including a full body manikin of an infant with Life/form® Infant Airway Management Trainer Head, Intraosseous Infusion Simulator, IV Arm, IV Leg, ECG/Umbilical Cannulation Skin, and a hard carrying/storage case. Three-year warranty. This dramatic, state-of-the-art training manikin is designed for teaching individuals or groups life-saving techniques for infants; ideal for paediatric advanced life support, nursing, paramedic, and EMT training at every level. Tactile and visual realism combine to provide students with the most realistic training possible. The most comprehensive PALS trainer available, the Infant CRiSis™ Manikin allows practice of 4-lead ECG monitoring, IV therapy,

umbilical catheterisation, airway management, intraosseous infusion, and CPR all in one manikin! The unique chest skin with an umbilical cord allows practice of proper techniques in umbilical catheterisation, including cutting and clamping. Fluid may be aspirated through the umbilicus, making this training manikin incredibly lifelike. An IV arm and leg allow for realistic practice of paediatric venipuncture. The cephalic, basilic, and great saphenous veins are accessible on the IV arm, as well as the dorsal venous arch on the hand. On the IV leg, the greater and lesser saphenous veins are accessible, as well as the dorsal venous arch on the foot. An intraosseous infusion leg demonstrates and simulates the intraosseous infusion procedure. Featuring realistic anatomy and size, the airway management head is ideal for practicing airway management skills on an infant.

ZKJ-490-X

Deluxe CRiSis™ Manikin

The Deluxe CRiSis™ Manikin features all the same quality components as the Complete CRiSis™ Manikin (LF03953U) with the addition of a hand-held arrhythmia simulator which includes: 17 Adult/Paediatric Rhythms; V. Fib, V. Tach (Fast), V. Tach (Slow), V. Tach (Polymorphic), Fib, Flutter, SVT, Sinus Tach, Sinus with PVCs, Asystole, NSR, Junctional Brady, Sinus Brady, 2nd degree type I A-V block, 2nd degree type II A-V block, 2nd degree type II A-V block with PVCs, 3rd degree A-V block. Generate realistic 3-lead or 4-lead ECG rhythms. The RA, LA, and LI signal morphologies create accurate representations of the QRS, P, and T axes.

Waveforms available for pacing include: Sinus Brady, Junctional Brady, 2nd degree type I A-V Block, 2nd degree type II A-V block, 2nd degree type II A-V block with PVCs, 3rd degree A-V block.

ZKM-495-B

Deluxe Child CRiSis™ Manikin with Arrhythmia Tutor

NASCO's Deluxe Child CRiSis™ Manikin features the same quality components as the Complete Child CRiSis™ Manikin with the addition of the hand-held Arrhythmia Simulator. This arrhythmia simulator includes: 17 Adult/Paediatric Rhythms; V. Fib, V. Tach (Fast), V. Tach (Slow), V. Tach (Polymorphic), Fib, Flutter, SVT, Sinus Tach, Sinus with PVCs, Asystole, NSR, Junctional Brady, Sinus Brady, 2nd degree type I A-V block, 2nd degree type II A-V block, 2nd degree type II A-V block with PVCs, 3rd degree A-V block. Generate realistic 3-lead or 4-lead ECG rhythms. The RA, LA, and LI signal morphologies create accurate representations of the QRS, P, and T axes.

Waveforms available for pacing include: Sinus Brady, Junctional Brady, 2nd degree type I A-V Block, 2nd degree type II A-V block, 2nd degree type II A-V block with PVCs, 3rd degree A-V block.

ZKM-500-F

In addition to the Arrhythmia Simulator, the Deluxe Child CRiSis™

Manikin comes with a full body manikin of a 5-year-old child with Life/form® IV Training Arm, Blood Pressure Arm, Defibrillation Chest Skin, Intraosseous Infusion/Femoral Access Leg, and Airway Management Trainer. Three-year warranty.

ADVANCED LIFE SUPPORT 83

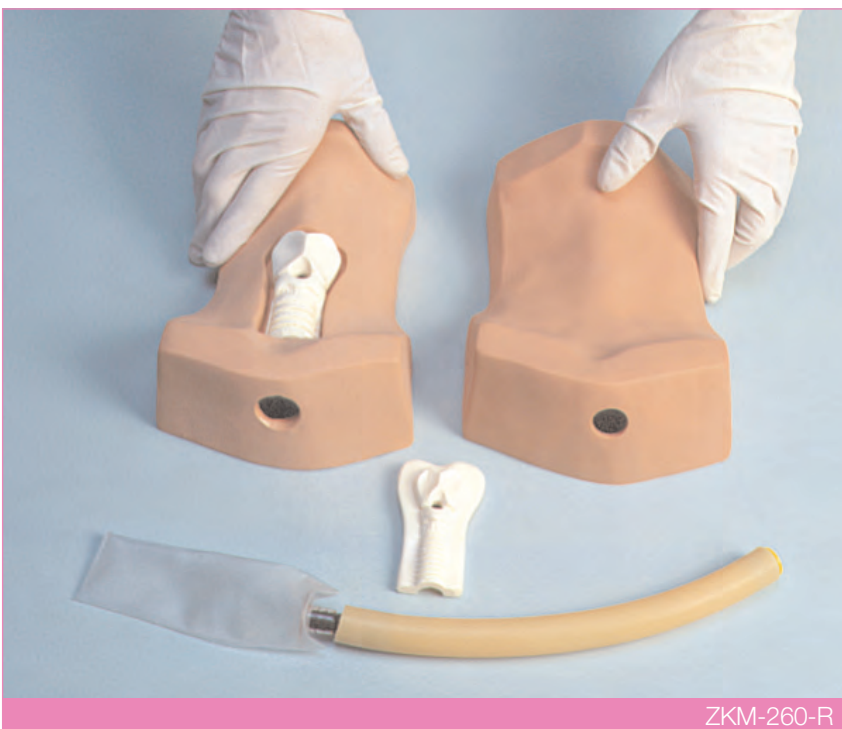
ZKM-250-T

ZKM-250-T**Tension Pneumothorax Simulator**

This model allows medical personnel to practice proper needle insertion, which enables built-up air pressure to escape the thorax. The model accepts needle and thoracotomy in second intercostal space in the midclavical line or fifth intercostal space in the midaxillary line. Complete with foot pump, replacement 2-piece pleural chamber, ribcage, and soft lifelike skin. Soft carry bag included. Procedural needle not included.

ZKM-260-R**Cricothyrotomy Simulators**

Designed for needle or surgical cricothyrotomy. Landmarks include thyroid cartilage, cricoid cartilage, and cricoid membrane. Inflation of simulated lung verifies correct placement. Adult and 3-year-old tracheas and soft carry bag included



ZKM-260-R



ZKM-260-R

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ZKJ-424-P

Deluxe IV Training Arm

Simulaids NEW full arm IV trainer gives unlimited access to the major veins in the arm and hand, and a deltoid IM injection site. Antecubital, basilic and cephalic sites, coupled with the dorsal metacarpal veins, allow students to practice various area skills all on the same arm. The IM site contains a foam pad designed to be squeezed out and dried to facilitate multiple uses. Unit includes blood reservoirs and a supply of blood. Inexpensive skin, veins, and injection site can be easily replaced in the field.



ZKJ-415-A

ZKJ-415-A

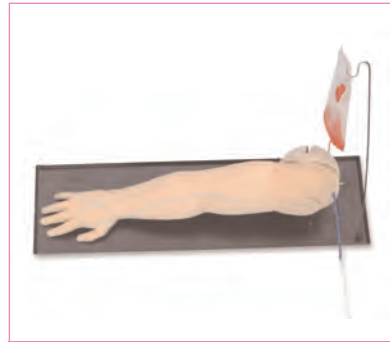
IV Arm & Hand

Detailed exercises in venipuncture can be mastered on a realistic model before administration to live patients. Demonstrate sterile technique, sharps injury protection, taping and securing techniques, and infusion or withdrawal procedures. Features include: lifelike vein rollover, durable for repeated use, and palpation of vein for location. Characteristic "pop" can be felt when needle penetrates vein. Carry tray and blood included.

ZKJ-418-R

Advanced Injection Arm-no picture

A revolutionary training arm that provides complete venous access for IV therapy and phlebotomy, plus sites for intramuscular and intradermal injections. An extensive 8-line vascular system allows students to practice venipuncture at all primary and secondary



ZKM-424-P

locations, including starting IVs and introducing IV catheters. The venous system simplifies set-up with only one external fluid bag supplying artificial blood to all veins simultaneously. The dorsal surface of the hand includes injectable metacarpal, digital, and thumb veins. The antecubital fossa includes the median cephalic, median basilic, and median cubital veins. Venipuncture can also be performed along the basilic, cephalic, accessory cephalic, and median antebrachial veins. Intramuscular injections may be performed in the deltoid muscle and intradermal injection sites are located in the upper arm.

Intramuscular injections into the deltoid muscle are enhanced by the soft, lifelike skin and by the natural bony landmarks in the region. Intradermal injections of a specially supplied fluid will create characteristic skin welts at designated sites on the upper arm. Flexion of the wrist helps students develop manipulation skills. The replaceable skin rolls as the veins are palpated, and a discernable "pop" is felt when entering the veins. Valves in the veins can be seen and palpated on the skin surface. Simulated veins and skins are completely replaceable to keep this training arm looking and working like new forever. Under normal use, hundreds of injections may be performed before the veins or skins need to be replaced.

Complete replacement kits are available and easy to use. To extend the life of the veins, an aerosol sealant is available to seal

punctures and prevent leakage. Life/form® Advanced Injection Arm includes 2 quarts simulated blood, 3 cc syringe, 12 cc syringe, needle, two fluid bags, instruction manual, and carrying case. One-year warranty.

ZKJ-419-W

Intraosseous Infusion Simulator-no picture

The Life/form® Intraosseous Infusion Simulator is a dramatic and exciting training aid designed to demonstrate and simulate the intraosseous infusion procedure. Students will be able to learn and practice, with incredible accuracy and realism, a procedure, which has been difficult to simulate in the past. Prior to the Intraosseous Infusion Simulator, educators resorted to unsanitary chicken and turkey bones. PALS programs will find this teaching aid a convenient and sanitary alternative. This simulator is also very cost-effective due to replacement bones and skins, which extend the life of the simulator indefinitely. Use a 15-gauge needle during simulation. The bones used in the model have been designed with four sides, each side having the ability to be punctured several times. In addition, three palpable landmarks, including patella, tibia, and tibial tuberosity are located in both legs. Both legs have also been designed so that aspiration is possible. Life/form® Intraosseous Infusion Simulator represents a six-month-old infant. Included with the simulator are 10 replaceable bone inserts, 2 sets of replacement leg skins, 2 white towlettes, syringe with tubing, blood powder, sealing wax, 1/2 oz. liquid lubricant, mixing bottle, needle, and hard carrying case. One-year warranty.

MEDICAL AND NURSING SKILLS 85



ZKK-492-A

ZKK-492-A

Forceps/Vacuum Delivery OB Manikin

The manikin used in “Advanced Life Support in Obstetrics” (ALSO) training programs. All of the same realistic and accurate anatomical features as in our OBstetrical manikin #180, but with added features of, premature and full term fetuses. The soft vinyl pelvis replicates the resistance encountered in a delivery requiring forceps or vacuum intervention. The removable abdominal overlay provided with this manikin is different from those that come with the #180 O B manikin, but the overlays are interchangeable, and optional. Powder to make simulated blood, extra vulva, and soft carry bag are included. (Forceps & Vacuum Extractor not included)

ZKK-945-E

EVA Gynaecologic Manikin

Eva is a lifelike female pelvis for developing diagnostic skills in gynaecologic procedures through anatomical instruction, abdominal palpation and speculum instruction. Our manikin eases the way into clinical experience by allowing both the comprehensive, stress free introduction of gynaecological examinations, and the more advanced tactile comparisons of pelvic pathologic conditions in the classroom setting. Constructed of soft, easily cleaned vinyl materials that approximate skin texture, Eva provides detailed life-like anatomical features and references. Included are the following interchangeable inserts: normal cervix and uterus for IUD insertion and removal, normal parous cervix, cervix with endocervical polyp, cervix with ectropion characteristics, cervix with neoplasia (carcinoma), pregnant 10 week uterus, and 2 adnexal masses.



ZKK-490-P

ZKK-490-P

Obstetrical Manikin

This is an anatomically correct pelvic model with full term newborn and placenta to give your trainees realistic practice in multiple techniques, and to learn the procedure for emergency childbirth. It comes with disposable umbilical cords, clamps, and easily replaceable spare vulva, powder to make simulated blood, a modular pregnant belly overlay, and a clear abdominal overlay. The modular overlay has a self-contained fete for practicing the Leopold's manoeuvre. The lifelike pelvic cavity has pronounced pelvic landmarks. Included are spinal column, angled birth canal, ileum, ischium, sacrum, sacro spinous ligaments, and greater sciatic notch. The foetus provided is of a realistic newborn size with fontanels and cranial sutures. A soft carry bag is included.



ZKK-945-E

86 MEDICAL AND NURSING SKILLS



ZKM-550-Y

ZKM-530-J

GERi™ The Complete Nursing Skills Manikin (no pictures)

The GERi™ Nursing Skills Manikin is ideal for preparing students for working with real-life geriatric patients, since it features an elderly appearance with skin wrinkles and folds. No other manikin on the market is so realistic and true-to-life. When compared to similar manikins, it features the best and most lifelike range of motion; GERi™ moves like a person, allows realistic patient positioning, and features nonpinching joints. Uses Life/form® simulations for added realism. The overall appearance of the manikin is female, however, removal of the wig and attachment of the male genitals converts it for male catheterisation and prostate examination simulations. Excellent for all levels of health care education from nursing assistants to medical students. Ideal for all OBRA required training. Full one-year warranty.

ZKM-540-U

KERi™ Complete Nursing Skills Manikin (no pictures)

The KERi™ Nursing Skills Manikin has all the features listed below without being age-specific. Life/form® mouldings and modelling techniques have given KERi™ an unusually realistic appearance as a woman, or as a man when the wig is removed. Unique visual features reinforce the importance of inspecting patients and noting changes in their appearance. All joints provide maximum lifelike range of motion not found in any other manikin. Life/form® simulations have been included in KERi™ to allow the practice of more than 35 patient care procedures. The perfect manikin for all OBRA required training. Full one-year warranty. Visual Inspection Features include: Decubitus Sacral Ulcer, Stage 1; Dilated Pupil Comparison; Cancerous Mole Comparison; and Reddened Skin Folds. Complete Range of Motion include: TRUNK - Rotation, Hyperextension; NECK - Rotation, Hyperextension, Lateral Flexion; SHOULDER - Abduction, Adduction, Rotation, Hyperextension; HIP - Abduction, Adduction, Rotation, Hyperextension; ELBOW -

Extension, Flexion, Pronation, Supination; KNEE - Extension, Flexion; WRIST - Flexion, Hyperextension, Radial Flexion, Ulnar Flexion; ANKLE - Eversion, Inversion, Dorsiflexion, Plantarflexion; FINGERS - Abduction, Adduction, Flexion (soft, lifelike material); and TOES - Abduction, Adduction, Flexion (soft, lifelike material). Life/form® Patient Care Simulations includes: Urinary Catheterisation - Female and Male (Uncircumcised); Enema Administration - Female; Prostate Exam, Stage B - Male; Pap Smears and Douching; Ostomy Care - Ileostomy and Colostomy Lavage and Suctioning; Placement of Nasogastric Tubes; Oral and Nasal Lavage, Gavage, and Suctioning; Tracheostomy Care - Lavage and Suctioning; Intramuscular Injection Sites - Arms, Thigh, Buttock; Optional IV Arm Attachment; Optional Blood Pressure Arm Attachment; Denture Removal, Upper and Lower; Oral Hygiene; Eye Irrigation; Ear Irrigation; Bed Baths; Finger & Toe Bandaging - Flexible and Individually Moulded; Hair Care - Washing, Combing; Bandaging and Wound Dressing; Clothing Changes; Patient Positioning; Patient Transfer Techniques; and Hearing Aid Removal and Placement Techniques

ZKM-550-Y

Patient Care Manikin

Practice basic nursing skills: patient handling, transfer, surgical dressing change, bandaging and practical techniques for making an occupied bed. Features include: lifelike fully articulated limbs, interchangeable male and female genitalia, washable vinyl skin and removable wig

CASUALTY SIMULATION 87



ZKN-103-M

ZKN-103-M

Multiple Casualty Simulation Kit

Multiple Casualty Simulation Kit is more versatile than the basic kit. This unit gives you more complex wounds for testing higher levels of skill in bandaging and patient care, while keeping initial expenditures low. The kit comes in a heavy-duty plastic toolbox with a lift out tray for your convenience.

Kit Contents: Bleeding Strap On Wounds Complete With Reservoir Bags With Pump Assembly: 1 open amputation; 1 compound (open) fracture of tibia; 1 compound (open) fracture of humerus; 1 sucking wound of chest; 1 gunshot wound of palm; 24 assorted lacerations and open fractures
Accessories: 1 bottle coagulant makeup blood; 1 pkg. blood powder thickener; 3 packs blood powder; 1 adhesive stick; 1 casualty simulation wax; 1 pkg. broken Plexiglas® (simulating glass imbedded wound); 1 ea. grease paint: white, blue, brown and red; 3 spatulas; 3 wood tongue depressors

ZKN-100-B

Basic Casualty Simulation Kit

The most economical way to get started in simulated injuries. Re-useable wounds and refillable accessories let you practice bandaging and splinting techniques repeatedly.

Kit Contents: Wounds: compound fracture Tibia; 12 assorted stick-on lacerations and open fractures
Equipment: Rugged plastic case; assembled reservoir bag and pump on Tibia; atomizer mist sprayer
Supplies: Coagulant makeup blood; blood powder to make 1 gal. simulated blood; casualty simulation wax; 1 pkg. broken Plexiglas® (simulating glass imbedded wound); 1 ea. Grease paint white, blue, brown and red; 1 adhesive stick; 2 spatulas; 2 wood tongue depressors



ZKN-100-B

88 CASUALTY SIMULATION



ZKN-107-E



ZKN-108-P



ZKN-109-S

ZKN-107-E EMT Casualty Simulation Kit

This complex kit uses components applied to human and manikin patients to get the widest variety of training situations possible. Wounds strapped on, stuck on, created from wax, and made to bleed challenge both the volunteer and the professional in areas of

burns, lacerations, fractures of arms and legs, and amputations; a good kit to simulate community disasters like bus accidents, or building explosions.

Kit Content: Bleeding Strap on Wounds Complete with Reservoir Bags with Pump Assembly: 1 Jaw Wound (# 6807); 1 Abdominal Wound With Protruding Intestines (# 6808); 1 Sucking Wound Of The Chest (# 6713); 2 Compound Fracture Of The Humerus; Upper Arm (# 6816); Compound Fracture Of Femur; Upper Leg (# 6819); Laceration Of The Forehead (# 6725); 1 Leg Amputation (# 6760); Compound Fracture Of Tibia; Lower Leg (# 6761); Gunshot Wound Of Palm (# 6881) Non-Bleeding Simulated Wounds: 1 Phosphorous Burn Of The Hand (# 6801); 1 Face In Shock (# 6882); 1st, 2nd, & 3rd Degree Burn Of The Face (# 6828); 1st, 2nd, & 3rd Degree Burn Of The Chest (# 6724); 1st, 2nd, & 3rd Degree Burn Of The Back (# 6773); 1st, 2nd, & 3rd Degree Burn Of The Hand (#6799); 1st, 2nd, & 3rd Degree Burn of the Forearm (# 6802); 36 Assorted; Stick-On Lacerations & Open Fracture Wounds (Reorder # 219 1 Doz.)

ZKN-108-P Advanced Military Casualty Simulation Kit

This is the one for creating a disaster where application of makeup on multiple casualties creates the widest range of wounds. This kit contains specialty wounds associated with gunshots, like perforations, major avulsions, and complex jaw wounds, and a large supply of makeup components.

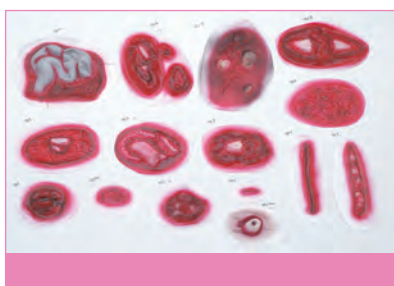
Kit Contents Bleeding Strap on Moulages complete with Reservoir Bag & Pump Assembly: 2 Compound Fracture Humerus (Upper Arm) (# 6816), 2 Compound Fracture Tibia (Lower Leg) (# 6761), 5 Dozen Assorted Stick-On Injury Simulations (# 219), 1 Make Up Palette (# 834), 1 Pair Of Scissors (# 836), 1 Mirror (# 838), 1 Measuring Cup (# 840), 2 Atomizer Mist Sprayer (# 839), 1 Casualty Simulation Wax (#223), 1 Body Adhesive For Stick-On Wounds (# PP2159), 2 Bottles Of Coagulant

Makeup Blood (# 226), 3 Packages Of Powder To Make, Three Gallons Of Simulated Blood (# 225), 1 Methyl Cellulose For Blood Thickening (# 228), 2 Packages Of Broken Plexiglas, Simulating Glass Imbedded In Wound (#230), 2 Fake Dirt (#233), 1 Glycerine For Simulating Perspiration (# 847), 1 Cold Cream (# 851), 1 Mineral Oil (# 240), 1 Charcoal (# 854), 3 Latex Compound to simulate scars (# 231), 2 Petroleum Jelly (# 239), 2 Pressure Sensitive Tape (# 845), 1 Plastalene Modeling Paste - White (# 856), 1 Plastalene Modelling Paste - Dark (# 855), 2 Each Makeup Liners _ Oz. Each, Colours: Red (#866), Blue (#868), Brown (#235), White (#234), Yellow (#867), Black (#236, & Flesh (#237) Reorder Is 1 Each.

ZKN-109-S Deluxe Casualty Simulation Kit

This new kit contains 7 bleeding strap-on wounds and 15 types of moulage stick-on wounds. The full line of accessories allows you to create 70 individual wounds, plus use your make-up expertise to create realism in your evolutions. Packaged in a sturdy carry case, the kit also contains instructions. Kit Contents: Stick-on Wounds, Eyeball (900), Foreign body protrusion (901), Eviscerated intestines (902), Large laceration 5 cm (903), Medium laceration 3 cm (904), Small laceration 1 cm (905), Compound fractured tibia (906), Compound fractured humerus (907), Compound fractured femur (908), Small sepsis wound (909), Large sepsis wound (910), Avulsion 3 x 5 cm (911), Major avulsion 8 x 5 cm (912), Crushed foot (913), 2nd degree burn (914), 1st, 2nd, & 3rd degree burn (827), Small flesh wound (824), Large fracture (830), Jaw Wound (829), Small Fracture (826), Perforated Wound (828), BLEEDING STRAP ON WOUNDS (7), COMPLETE WITH BLOOD RESERVOIR BAGS AND PUMPS, Crushed foot (6730), Impalement lower leg (6729), Broken clavicle (6727), Compound fracture of Humerous (6816), Compound fracture Tibia (6761), Laceration of forearm (6726), Projectile Entry (6728)

CASUALTY SIMULATION 89



Large Fracture
No. 830

Jaw Wound
No. 829

Small Fracture
No. 826

Perforated Wound
No. 828

Small Flesh Wound
No. 824

1st, 2nd and 3rd Degree Burn
No. 827

Frostbite of the Foot
No. 6835

Blade/Propeller Wound
No. 6750

2nd & 3rd Degree Burn of Back
No. 6773

2nd & 3rd Degree Burn of Chest
No. 6724

2nd & 3rd Degree Burn of Face
No. 6828

2nd & 3rd Degree Burn of Forearm

No. 6802
Phosphorus Burn of Hand

No. 6801
2nd & 3rd Degree Burn of Hand

No. 6799
Hand with Severed Fingers

No. 6700
Trench foot

No. 6880
Bladder Wound

No. 833
Chest Wound

No. 832
Hypo Needle Injection Trainer

No. 6884
Burn of Face (manikin use only)

No. 6732
Face in Shock

No. 6882
Eyeball

No. 900
Foreign Body Protrusion

No. 901
Eviscerated Intestines

No. 902
Large Laceration Scm

No. 903
Medium Laceration 3cm

No. 904
Small Laceration 1cm

No. 905
Compound Fracture Tibia

No. 906
Comp. Fracture Humerus

No. 907
Comp. Fracture Femur

No. 908
Small Sepsis Woun.

No. 909
Large Sepsis Wow

No. 910
Avulsion 3xScm

No. 911
Major Avulsion SxScm

No. 912
Crushed Foot

No. 913
2nd Degree Burn

No. 914
Open Head Wound

No. 831

90 RESCUE MANIKIN



Water Rescue Manikins

These adult and adolescent models are made of durable plastic with rust-resistant skeletons, articulated joints, and optional CPR capabilities. As the manikins fill with water, they will sink up to the neck. To take them to the bottom, add five to ten pounds of weight (not supplied). A brick will do. Used by Red Cross, Coast Guard, Lifeguard Trainers, and Emergency Personnel these manikins are excellent top and bottom water rescue devices for adding the shock of realism to an otherwise ordinary practice procedure. They have a one-piece hollow body construction and are not offered with CPR options. Fill them with water and they simulate the weight of a real baby.



ZKM-187-A



ZKM-172-N



ZKM-156-X ZKM-147-B ZKM-128-K

ZKM-156-X
Newborn

ZKM-147-B
Infant

ZKM-128-K
Child

ZKM-187-A
Juvenile

ZKM-172-N
Adult



RESCUE MANIKIN 91



ZKM-190-J

ZKM-190-J

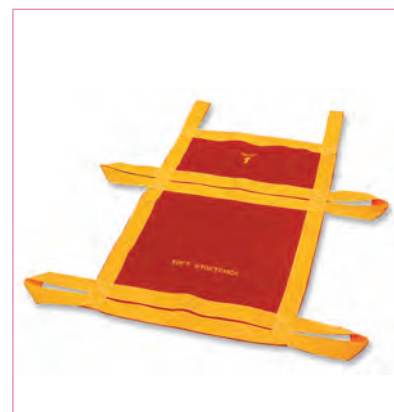
Rescue Jennifer

This manikin is the size of a 7 to 12-year old adolescent. Jennifer articulates at all major extremity joints, and is engineered for years of rugged durability and usefulness. She is especially helpful for preparing personnel for child rescue where highly charged emotional factors come into play.

ZKM-200-F

Soft Stretcher

This rugged, foldable unit, made with heavy nylon fabric and automotive seat belt webbing, supports heavier patients, and stores in a minimum of space. Six handholds allow multiple rescuer carrying. Lightweight, machine wash and dry. DO NOT USE in suspected spinal injury cases. Measures 21" x 35".



ZKM-200-F



ZKM-190-J



92 RESCUE MANIKIN



ZKM-170-R

ZKM-170-R Rescue Randy

Rescue Randy was developed for lifelike adult or juvenile victim handling, transportation, and extrication training. These manikins can be safely used in situations too hazardous or uncomfortable for human volunteers. Made of durable vinyl with 4,100-lb. test plastic-coated cables. Features include: articulated joints, weight distribution according to human weight distribution chart. Used by the U.S. Military, Fire, and Police Departments, Safety Teams, and Emergency Personnel for rescue and extrication from pole top, confined spaces, collapsed buildings, smoke rooms, and ladder carry-down protocols worldwide.



ZKM-180-M

ZKM-180-M Rescue Randy

A new model of Rescue Randy has also been designed with the help of the I.A.F.F. This model includes additional reinforcement to increase durability. Rescue Randy was developed for lifelike adult victim handling, transportation, and extrication training. These manikins can be safely used in situations too hazardous or uncomfortable for human volunteers. Made of durable vinyl with 4,100-lb. test plastic-coated cables. Features include: articulated joints, weight distribution according to human weight distribution chart. Used by the Military, Fire, and Police Departments, Safety Teams, and Emergency Personnel for rescue and extrication from pole top, confined spaces, collapsed buildings, smoke rooms, and ladder carry-down protocols worldwide.

A.I.F.F. Rescue Randy
(with Additional Reinforcement)
Size: 56" x 27" x 13". Sb. wt. 185 lbs.



ZKM-195-S

ZKM-195-S Simulaids Training Vests

The Simulaids Training Vest has been designed with the assistance of the International Association of Fire Fighters (I.A.F.F.) to aid in the physical ability testing of fire department candidates. The vest weighs 50 lbs., simulating the weight of the fire fighter's protective clothing and self-contained breathing apparatus. It is also designed to allow for the addition of two 12-1/2 lb. weights on the shoulders to simulate a high-rise pack (hose bundle).



WEIGHTED VEST

ZKM-196-T Weighted Vest 20lb

ZKM-197-G Weighted Vest 30lb

ZKM-198-K Weighted Vest 40lb

MICROSLIDE SYSTEMS - BASIC 93



MKK-100-Y

MKK-100-Y Student Microscope CTK410

Objectives -4 x ,10 x 40 x
Eyepiece i OX WF
Coarse & Fine focussing
mechanism
Six hole rotary disc
Piano concave mirror



MKK-110-G

MKK-110-G Student Microscope - CTK400

Objectives -4x,10x40x
Eyepiece i OX Wide WF
Coarse focusing mechanism
Six hole rotary disc
Piano concave mirror



MKK-120-L

MKK-120-L Full Size Microscope

Objectives - 4 x ,10 x 40 x
Eyepiece i OX WF
Coarse & Fine focussing
mechanism
Abbe Condensor with Iris
Diaphragm
Piano concave mirror



MKK-190-P

MKK-190-P POLARISING KIT

This is a piece unit comprising of 2 lenses, one on the stage and the other on the eyepiece, which work together to align the light so that colour and details of minerals and thin rock sections are enhanced.

94 MICROSLIDE SYSTEMS - MEDIUM - HIGHER



MKK-130-M

MKK-130-M

Monocular Microscope- B-120

Monocular Microscope- B-120
Monocular Heat inclined
Eyepiece: 10 X WF with pointer
Objectives Achromats 4X, 10 X, 40 X P
Condensor ABBE NA 1.25
Coarse & Fine focussing mechanism
Iris Diaphragm with filter holder
Illuminator 6V/1 5 Watt
Operates on 220 Volts
Complete with dust cover & Styrofoam packaging



MKK-140-D

MKK-140-D

Monocular Microscope- B-120

Suitable for all work upto A level
Monocular Heat inclined
Eyepiece: 10 X WF with pointer
Objectives Achromats 4X, 10 X, 40 X, 100 X (oil)
Condensor Moveable ABBE NA 1.25
Coarse & Fine focussing mechanism
Iris Diaphragm with filter holder
Illuminator 6V/15 Watt
Operates on 220 Volts
Complete with dust cover & Styrofoam packaging



MKK-150-B

MKK-150-B

Monocular COAX - Microscope

Item Code: SPR-1 000
Inclined Monocular Viewing Head
Semi Plan Optical System
Coaxial Focussing Mechanism
Built in Illumination with 20W ,6Volt
Halogen lamp
Mechanical Stage
Objectives : Semi Plan Achromats 4X, 1 OX,40 X, 100 X OIL
Eye Piece: 10X WF

MICROSLIDE SYSTEMS 95



MKK-160-H



MKK-170-S

MKK-160-H Monocular COAX - Microscope

Item Code: SPR-1 000
 Inclined Monocular Viewing Head
 Semi Plan Optical System
 Coaxial Focussing Mechanism
 Built in Illumination with 20W ,6Volt
 Halogen lamp
 Mechanical Stage
 Objectives : Semi Plan Achromats
 4X, 10X, 40X, 100X OIL
 Eye Piece: 10X WF

MKK-170-S

Monocular COAX - Microscope

- A 188 page Curriculum Guide, authored by Neo/SCI and featuring complete operating instructions, illuminating background information and 36 activities correlated to the National Science Education Standards
- Special School Edition operating software providing for Windows or Mac use and featuring a digital image gallery of over 200 curriculum-based microscopic and macroscopic images
- Special Presentation/Assessment software which allows you to use the images you capture to create and deliver custom presentations and computer-based assessments!
- A set of prepared microscope slides complete with detailed reference information and a structure identification key

Magnify and View

Simply connect the QX3 to a computer and explore the microscopic world like never before!

- Place microscope slides or specimens of all sizes under the QX3
- Choose top or bottom lighting
- Select from 10X, 60X or 200X magnification
- View incredible digital images!

Create and Combine

Includes software which allows your students to-

- Collect and save images
- Modify images by adding text, changing video and audio effects
- Create time-lapse movies to capture lab results
- Produce videos and slide shows
- Create and deliver custom presentations and assessments using your captured images

Share and Learn

Your students are able to

- Print images for use in reports and on stickers and posters
- Share their images with their classmates on-screen
- Send their images to classmates, teachers and friends via email!!

MicroScience is a successful interactive educational technique, allowing all learners hands on experimentation opportunities.

MicroScience makes use of technology employed in the most advanced settings, as laboratory procedures have moved away from traditional approaches. One of the major benefits of the system is that due to the small quantities used, there is potential to save significantly on the school budget. The risk of serious injury is reduced dramatically and waste disposal becomes much less of a threat to the environment



MKK-180-X

MKK-180-X **ADVANCED MICROCHEM EQUIPMENT KIT**

The fore-runner of the comprehensive range of Microscience kits is the Advanced MicroChem Equipment kit which, with the aid of separate worksheets enables students to carry out over thirty experiments from Key Stage 3 right through to A-level.

This kit, which effectively is an individual student mini-laboratory, contains all the required MicroScale equipment.

Worksheets are available separately as are the chemicals, dependent on the Components in this kit include Comboplate, MicroBurner, Retro Stand, Syringe, Gas Lids, Gas Collecting Tube, LED, Microspatulas, Zinc and Copper electrodes and many more.

Slide Sets

ZKY-400-U

Beginners Slide Set-12 slides-
Selected for their suitability for
young and inexperienced
microscopists.

ZKY-480-K

Basic GCSE Biology
Slide Set-25 slides-
Created especially to meet the
requirements of these
examinations.

ZKY-484-J

GCSE Textiles (fibres/fabrics)
Slide Set-12 slides

ZKY-486-U

GCSE Food Science
Slide Set-20 slides

ZKY-490-D

Basic Biology
Slide Set-25slides
Including some of the most
important slides for any biology
course forms part of ZKY-500-M

ZKY-500-M

Biology
Slide Set-50 slides
Covering the major requirements
for a basic course in biology.

ZKY-520-V

Protozoa and Algae
Slide Set-20 slides

ZKY-530-X

Bacteria
Slide Set-12 slides

ZKY-540-H

Cell Division
Slide Set-11 slides

ZKY-800-L

Basic Zoology
Slide Set-25 slides
Including important slides taken
from the whole range of the animal
kingdom.

ZKY-935-V

Basic Parasitology
Slide Set-12 slides
Representing a selection of
important parasites for introductory
work.

Zoology Slide Singles

ZLB-210-S

Amoeba E

ZLB-230-E

Mixed Protozoa E

ZLB-270-W

Mixed Foraminifera E

ZLB-290-Y

Mixed Radiolaria E



ZLB-310-K

Euglena E

ZLB-330-T

Trypanosoma (sleeping sickness) in
blood smear

ZLB-490-P

Plasmodium falciparum (malignant
malaria) in human blood smear

ZLB-510-R

Paramecium E

ZLB-530-D

Paramecium conjugating E

ZLB-530-M

Paramecium showing fission E

ZLB-610-J

Sycon colony TS

ZLB-630-S

Grantia colony TS

ZLB-655-U

Sponge spicules E

ZLB-690-W

Hydra extended E

ZLB-710-B

Hydra with bud, extended E

ZLB-730-K

Hydra body wall TS

ZLB-750-T

Hydra body wall LS

ZLC-110-Q

Obelia hydroid colony with
hydranth & blastostyle E

ZLC-130-C

Obelia medusa E

ZLC-170-U

Alcynonium polyp E

ZLC-270-M

Planarian E

ZLC-290-V

Planarian TS, through pharynx

ZLC-315-Q

Schistosoma mansoni ova E

ZLC-318-V

Schistosoma mansoni miracidia E

ZLC-320-Q

Schistosoma mansoni cercaria E.
Typical blood fluke cercaria with a
fork tail.

ZLC-320-E

Schistosoma mansoni adult male
E. The blood fluke which infects
human mesenteric veins.

ZLC-324-P

Schistosoma mansoni adult female E.

ZLC-330-J

Fasciola (liver fluke) E

ZLC-350-S

Fasciola TS, two regions

ZLC-390-N

Fasciola redia E

ZLC-420-P

Fasciola cercaria E

ZLC-430-B

Clonorchis sinensis (Chinese liver
fluke) E

ZLC-440-R

Echinococcus granulosus E. A
minute tapeworm of carnivores.

ZLC-490-P

Taenia (Tapeworm) scolex E

ZLC-530-Q

Taenia mature proglottid E

ZLC-570-L

Taenia gravid proglottids E

ZLC-630-Y

Taenia scolex, immature, mature
and gravid proglottid E

ZLC-690-M

Ascaris (round worm) TS, triradiate
oesophagus, triple stain.

ZLC-710-X

Ascaris TS female, triple stain

ZLC-730-A

Ascaris TS male, triple stain

ZLC-760-C

Ancylostoma adult male E. Old world hookworm prevalent in southern Europe, Africa, India, China and Japan.



ZLC-765-S

Ancylostoma adult female E

ZLC-798-C

Enterobius vermicularis (pinworm) E

ZLD-130-P

Nereis TS, through parapodium

ZLD-170-K

Lumbricus TS typhlosole, triple stain

ZLD-190-T

Lumbricus TS insertion of setae, triple stain

ZLD-210-D

Lumbricus TS reproductive region, triple stain

ZLD-230-H

Lumbricus LS reproductive region, triple stain

ZLD-390-D

Hirudo E, small specimen

ZLD-410-F

Tubifex worm E

ZLD-450-A

Daphnia E

ZLD-490-S

Cyclops E

ZLD-530-G

Gammarus E

ZLD-550-P

Mite E

ZLD-570-B

Periplaneta (cockroach) head E

ZLD-590-K

Periplaneta mouthparts, disarticulated and displayed.

ZLD-690-C

Periplaneta trachea E

ZLD-730-N

Locusta embryo section, showing mitosis

ZLD-770-Y

Locusta testis VS, showing meiosis

ZLD-790-R

Locusta testis squash, showing meiosis

ZLD-810-T

Pediculus (Louse) male E

ZLD-830-F

Pediculus female E

ZLD-855-H

Pediculus humanis capitis (human head louse) E

ZLD-870-A

Cimex (bed bug) E

ZLE-550-V

Pieris imago proboscis E

ZLE-410-S

Culex (Gnat) larva E

ZLE-430-E

Culex pupa E

ZLE-490-Y

Culex male imago, head & mouth organs E

ZLE-510-K

Culex female imago, head & mouth organs E

ZLE-550-F

Anopheles Larva E

ZLE-570-X

Anopheles pupa E

ZLE-630-L

Anopheles male imago, head & mouth organ E

ZLE-650-U

Anopheles female imago, head & mouth organ E

ZLE-770-V

Musca imago head E

ZLE-830-S

Musca imago leg E

ZLE-890-W

Insect salivary gland squash, for giant chromosomes

ZLH-110-M

Flea male E

ZLH-130-V

Flea female E

ZLH-170-Q

Apis (honey bee) head E

ZLH-230-N

Apis sting & poison sac E

ZLH-250-W

Apis legs 1, 2 & 3 E

ZLJ-130-B

Amphioxus, young E

ZLJ-170-T

Amphioxus TS pharyngeal region, triple stain

ZLJ-410-X

Scyliorhinus skin, with placoid scales VS, triple stain

ZLJ-470-S

Rana (Frog) ovum, early segmentation VS

ZLJ-510-G

Rana ovum, later blastula VS

ZLJ-590-T

Rana ovum, neural tube VS

ZLJ-850-A

Rana skin VS

ZLK-410-E

Gallus (Chick), 12/18 hour, primitive streak E

ZLK-430-N

Gallus, 24 hour, 3-6 somites E

ZLK-490-R

Gallus, 36 hour, 14-17 somites E

ZLK-530-F

Gallus, 48 hour, 24-28 somites E

ZLK-590-J

Gallus, 72 hour, 36 somites E

Histology Slides

ZLT-200-G

Basic Histology Slide Set
25 slides serving as an introduction to histology and illustrates the major tissue types. Forms part of ZLT-250-R

ZLT-250-R

Histology Slide Set 50 slides covering major histology topics.

ZLT-300-V

Human histology
Slide set-25 slides

ZLV-110-K

Human, stained thin film

ZLV-150-F

Amphibian (Frog), stained thin film

ZLV-256-H

Chromosomes, human male

ZLV-258-S

Chromosomes, human female

ZLV-260-N

Chromosomes, human Down's Syndrome.

ZLV-270-G

Mitochondria in kidney section
Epithelium

ZLV-290-P

Squamous, isolated cells from mouth

ZLV-310-R

Stratified squamous, oesophagus TS

ZLV-330-D

Ciliated, fallopian tube TS

ZLV-350-M

Ciliated E, from mammal trachea

ZLV-370-V

Transitional, bladder wall TS

ZLV-390-H

Columnar, frog stomach section

ZLV-410-J

Pseudostratified ciliated columnar, TS

ZLV-430-S

Cuboidal, TS mammal kidney tubules
Connective tissue

ZLV-450-E

Areolar E, stained for fibres and cells

ZLV-470-N

Adipose, section

ZLV-490-W

White fibrous, tendon LS

ZLV-510-B

Tendon TS

ZLV-530-K

Tendon teased

ZLV-550-T

Elastic LS, stained for elastic fibres

ZLV-570-F

Elastic TS, stained for elastic fibres
Cartilage

ZLV-590-X

Hyaline VS

ZLV-610-Q

White fibro, intervertebral disc LS

ZLV-630-C

Elastic, pinna VS, elastic tissue stain
Bone

ZLV-670-U

Compact TS, for Haversian canals and lamellae

ZLV-680-N

Compact TS, ground section

ZLV-690-G

Compact LS, for Haversian canals and lamellae

ZLV-750-D

Articulation, joint VS, triple stain

ZLV-770-M

Red marrow, section Muscle

ZLV-790-V

Striated (voluntary) teased

ZLV-810-A

Striated LS, showing striations and nuclei

ZLV-830-J

Striated TS

ZLV-850-S

Non-striated (involuntary) TS

ZLV-870-E

Non-striated E

ZLV-890-N

Cardiac LS, for nuclei, striations and intercalated discs

ZLV-900-W

Cardiac LS, human

ZLV-910-P

Striated, non-striated and cardiac sections

ZLX-110-N

Spinal cord TS

ZLX-130-W

Spinal cord TS, ganglion and nerve entry, triple stain

ZLX-138-U

Spinal cord TS, human cervical region

ZLX-142-D

Spinal cord TS, human thoracic region

ZLX-148-N

Spinal cord TS, human lumbar region

ZLX-150-Y

Spinal cord in vertebra TS, triple stain

ZLX-170-R

Sciatic nerve TS, myelinated and non-myelinated

ZLX-190-D

Sciatic nerve LS

ZLX-193-Q

Peripheral nerve TS

ZLX-195-L

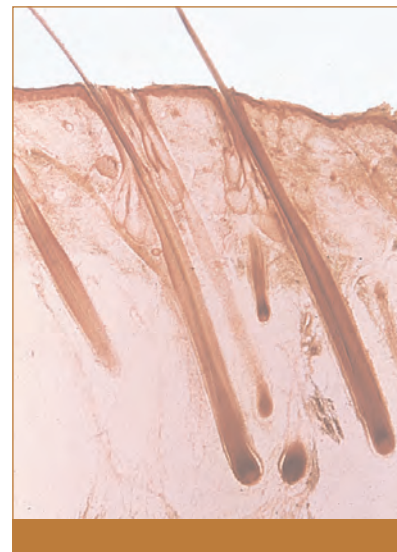
Peripheral nerve LS

ZLX-210-F

Myelinated nerve teased

ZLX-230-X

Nerve cells isolated, spinal cord smear



ZLX-270-J

Motor nerve ending in intercostal muscle, gold stain

ZLX-290-S

Cerebellum VLS

ZLX-310-U

Medulla oblongata VS

ZLX-330-G

Cerebrum VS

ZLX-350-P

Artery and vein TS, stained to show elastic fibres, collagen and tunica

ZLX-360-Y

Artery, vein and nerve TS, triple stain

ZLX-370-B

Aorta TS

ZLX-374-A

Aorta TS, human

ZLX-378-W

Vein TS, human

ZLX-390-K

Heart entire LS, triple stain

ZLX-430-V

Lung injected, thick section

ZLX-470-Q

Intestine injected, thick section

ZLX-490-C

Liver injected, thick section

ZLX-510-E

Kidney injected, thick section

ZLX-530-N

Lymphatic TS

ZLX-570-Y

Spleen TS

ZLX-580-B

Spleen TS, human

ZLX-590-R

Salivary gland TS, parotid

ZLX-610-T

Salivary gland TS, sublingual

ZLX-630-F

Salivary gland TS, submaxillary

ZLX-650-X

Mammary gland VS, quiescent

ZLX-670-A

Mammary gland VS, lactating

ZLX-700-S

Adrenal gland TS, human

ZLX-710-L

Pituitary gland TS, triple stain

ZLX-730-U

Thymus TS

ZLX-750-G

Thyroid TS

ZLX-760-W

Thyroid TS, human

ZLX-770-P

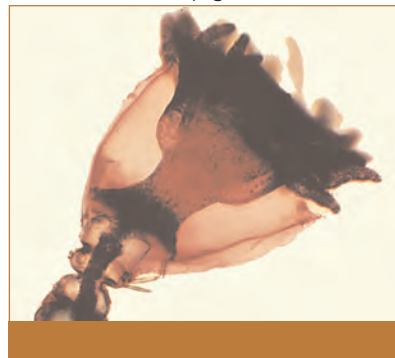
Skin VS, hair insertion and sebaceous glands, triple stain

ZLX-774-X

Skin VS, human plantar

ZLX-778-N

Skin VS, human pigmented


ZLX-790-B

Skin VS, developing hair, triple stain

ZLX-800-P

Skin Pacinian corpuscles VS

ZLX-810-D

Skin VS, sweat glands

ZLX-820-T

Scalp VS, human

ZLX-910-S

Trachea TS, ciliated epithelium and cartilage rings, triple stain

ZLX-916-F

Trachea TS, human

ZLX-920-L

Lung TS, human

ZLX-924-K

Lung TS, human for phagocytosis

ZLX-930-E

Lung TS, connective tissue stain

ZMA-110-C

Tooth in situ VS, triple stain

ZMA-130-L

Tooth LS, decalcified

ZMA-150-U

Tooth TS, decalcified

ZMA-170-G

Tongue TS, whole tongue, triple stained for general structure

ZMA-180-W

Tongue TS, human

ZMA-190-P

Tongue VS, for taste buds

ZMA-210-R

Oesophagus TS, triple stain

ZMA-220-K

Oesophagus TS, human

ZMA-230-D

Stomach VS, cardiac region and oesophagus

ZMA-250-M

Stomach VS, fundic region for typical structure

ZMA-270-V

Stomach VS, pylorus and duodenum

ZMA-290-H

Stomach VS, pyloric and cardiac regions

ZMA-310-J

Duodenum TS, for Brunner's glands, triple stain

ZMA-330-S

Ileum TS, for villi and goblet cells, triple stain

ZMA-350-E

Ileum TS, Peyer's patch, triple stain

ZMA-370-N

Colon TS, for tubular glands, triple stain

ZMA-390-W

Mammal small and large intestines TS, triple stain

ZMA-410-B

Appendix TS, triple stain

ZMA-430-K

Rectum TS, triple stain

ZMA-440-D

Rectum-anus junction TS

ZMA-450-T

Liver TS, triple stain

ZMA-470-F

Liver VS, stained for glycogen

ZMA-510-Q

Pancreas TS, for islets of Langerhans, triple stain

ZMA-520-J

Pancreas TS, human

ZMA-540-S

Kidney VS, triple stain

ZMA-560-E

Kidney VS, human

ZMA-570-U

Kidney TS, triple stain

ZMA-590-G

Kidney entire LS, triple stain

ZMA-610-Y

Ureter TS

ZMA-630-R

Bladder wall TS

ZMA-640-K

Bladder VS, human

ZMA-650-D

Penis TS

ZMA-670-M

Testis TS, for spermatogenesis

ZMA-680-F

Testis TS, human

ZMA-690-V

Vas deferens TS

ZMA-730-J

Prostate TS

ZMA-750-S

Spermatozoa smear

ZMA-755-L

Spermatozoa smear, human

ZMA-770-E

Ovary VS, showing follicles

ZMA-780-U

Ovary VS, human mature

ZMA-785-N

Ovary VS, human senile

ZMA-790-N

Fallopian tube TS

ZMA-810-P

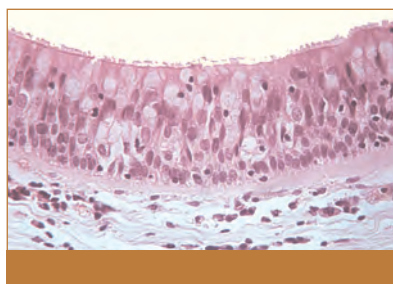
Uterus TS, triple stain

ZMA-820-Y

Uterus VS, human

ZMA-825-B

Placenta VS, human



ZMA-830-B

Placenta VS, triple stain

ZMA-840-R

Umbilical cord TS, human

ZMA-850-K

Vagina TS, triple stain

ZMA-860-D

Vagina TS, human

ZMA-910-H

Eye entire VS

ZMA-930-Q

Eye VS, retina and entrance of optic nerve

ZMA-950-C

Olfactory region VS

ZMA-970-L

Cochlea VS, guinea pig

Botany Slides

ZMB-010-A

Basic Botany

Slide Set-25 slides

An introductory set of botanical specimens representing the major plant groups.

ZMB-030-J

Basic Plant Anatomy Slide Set-20 slides

An introductory set covering the major aspects of vascular plant structure.

ZMB-035-C

Timber Sections

Slide Set-12 slides of common timbers

ZMB-060-L

Lilium (Lily) Meiosis

Slide Set-3 slides

To illustrate first and second meiotic divisions

ZMB-120-Y

Staphylococcus epidermidis, Gram positive cocci

ZMB-140-R

Streptococcus lactis, Gram positive cocci

ZMB-160-D

Neisseria catarrhalis, Gram negative cocci

ZMB-180-M

Cocci, Gram positive and negative mixture

ZMB-200-B

Diplococcus pneumoniae

ZMB-220-A

Escherichia coli, Gram negative rods

ZMB-240-J

Bacillus megaterium, very large Gram positive rods, visible without oil immersion

ZMB-260-S

Bacillus subtilis, large Gram positive rods, often with spores

ZMB-300-G

Bacilli, Gram positive and negative mixture

ZMB-320-P

Vibrio

ZMB-340-B

Spirillum

ZMB-360-K

Mixture of bacilli, cocci and spirilla

ZMB-400-V

Rhizobium in root nodule section

ZMB-440-Q

Mycobacterium tuberculosis in TS tissue

ZMB-500-N

Chlamydomonas E

ZMB-540-Y

Pandorina E

ZMB-560-R

Volvox E, with daughter colonies

ZMB-620-X

Cladophora E

ZMB-640-A

Oedogonium E, with cap cells

ZMB-660-J

Oedogonium E, macrandrous

ZMB-680-S

Chlorella E

ZMB-720-G

Spirogyra E, vegetative filaments

ZMB-760-B

Spirogyra E, conjugation

ZMB-780-K

Spirogyra E, conjugation and zygospores E

ZMB-820-V

Desmids E, mixed species

ZMB-840-H

Vaucheria E, sexual reproduction

ZMB-860-Q

Vaucheria E, asexual reproduction

ZMB-880-C

Diatoms E, mixed species

ZMB-920-N

Pinnularia E

ZMB-960-Y

Nostoc E, filaments with heterocysts

ZMC-100-M

Fucus dioecious VS, antheridial conceptacles

ZMC-120-V

Fucus dioecious VS, oogonial conceptacles

ZMC-160-Q

Fucus monoecious VS, conceptacles

ZMC-170-J

Laminaria TS

ZMC-180-C

Ectocarpus E

ZMC-220-N

Phytophthora, VS infected host

ZMC-240-W

Albugo, TS host to show conidia

ZMC-260-Y

Albugo, TS host to show oospores

ZMC-280-R

Peronospora TS

ZMC-300-T

Mucor E, asexual

ZMC-320-F

Mucor E, conjugation and zygospores

ZMC-340-X

Rhizopus E, asexual

ZMC-360-A

Rhizopus E, conjugation and zygospores

ZMC-400-L

Saccharomyces (Yeast) E, budding

ZMC-420-U

Aspergillus asexual section

ZMC-460-P

Penicillium VS, mycelium and conidia

ZMC-520-M

Puccinia graminis VS, aecidia

ZMC-540-V

Puccinia graminis VS, uredospores

ZMC-560-H

Puccinia graminis VS, teleutospores

ZMC-580-Q

Psalliota (Agaricus) VS, pileus and basidia

ZMC-600-S

Coprinus VS, pileus and gills

ZMC-620-E

Peziza VS, apothecium

ZMC-640-N

Physcia VS, thallus and apothecia

ZMC-660-W

Parmelia VS, apothecium

ZMC-680-Y

Marchantia VS thallus with gemmae

ZMC-700-K

Marchantia VS antheridiophore

ZMC-720-T

Marchantia VS archegoniophore

ZMC-740-F

Marchantia VS developing sporogonium

ZMC-760-X

Pellia thallus VS, antheridia

ZMC-780-A

Pellia thallus VS, archegonia

ZMC-800-C

Pellia VS developing sporogonium

ZMC-820-L

Pellia sporogonium median VS, elaterophore

ZMC-880-P

Moss protonema E

ZMC-920-D

Funaria sporogonium VS

ZMC-940-M

Mnium antheridial head VS

ZMD-100-C

Mnium archegonial head VS

ZMD-110-S

Mnium sporogonium VS

ZMD-120-L

Polytrichum antheridial head VS

ZMD-140-U

Polytrichum sporogonium VS

ZMD-200-R

Dryopteris (Male Fern) prothallus E, with antheridia and archegonia

ZMD-220-D

Dryopteris prothallus E, with antheridia

ZMD-260-V

Dryopteris prothallus E, with archegonia

ZMD-300-J

Dryopteris prothallus E, developing sporophyte

ZMD-320-S

Dryopteris root TS

ZMD-340-E

Dryopteris rhizome TS

ZMD-360-N

Dryopteris rachis TS

ZMD-380-W

Dryopteris pinnule with sori TS

ZMD-400-B

Lycopodium (Club Moss) strobilus LS

ZMD-660-M

Pinus old stem TS

ZMD-690-X

Pinus sylvestris (Scots Pine) timber TS, TLS, RLS

ZMD-740-S

Pinus leaf TS

ZMD-760-E

Pinus male cone LS

ZMD-770-T

Pinus pollen E

ZMD-780-N

Pinus ovulate scale and ovule LS

ZMD-800-P

Pinus embryo LS

ZMD-820-B

Pinus first year female 3cone LS

ZMD-870-MLarix decidua (Larch) timber TS,
TLS, RLS**ZMF-100-F**

Allium (Onion) root apex LS, mitosis

ZMF-120-X

Allium root tip squash, mitosis

ZMF-140-A

Allium root tip TS, mitosis

ZMF-160-J

Allium root tip LS and TS, mitosis

ZMF-220-G

Zea (Maize) root TS

ZMF-240-P

Zea root tip LS

ZMF-260-B

Helianthus (Sunflower) young root TS

ZMF-280-KHelianthus old root TS, secondary
thickening**ZMF-300-M**

Helianthus young and old root TS

ZMF-380-C

Ranunculus (Buttercup) young root TS

ZMF-400-E

Ranunculus old root TS

ZMF-420-NVicia (Bean) young root TS,
showing root hairs**ZMF-460-Y**

Vicia root apex LS, mitosis

ZMF-500-TVicia root apex LS, general
structure**ZMF-620-U**Lepidium (Cress) rootlet E, showing
root hairs**ZMF-642-R**

Root types TS, dicot and monocot

ZMF-660-PJuncus stem TS, showing stellate
pith**ZMF-680-B**

Potamogeton aquatic stem TS

ZMF-700-D

Elodea stem TS

ZMF-720-M

Triticum stem TS, hollow siliceous

ZMF-740-V

Zea (Maize) stem TS

ZMF-760-H

Zea stem LS

ZMF-780-Q

Zea stem TS and LS

ZMF-790-R

Oryza (Rice) stem TS

ZMF-800-SCucurbita (Marrow) stem TS, for
sieve plates**ZMF-820-E**

Cucurbita stem LS for sieve tubes

ZMF-840-N

Cucurbita stem TS and LS

ZMF-880-YHelianthus (Sunflower) stem TS,
separate bundles**ZMF-900-K**Helianthus stem TS, interfascicular
cambium**ZMF-920-T**Helianthus stem TS, secondary
thickening**ZMF-940-F**Helianthus stem LS, secondary
thickening**ZMH-100-Y**

Helianthus old stem TS and LS

ZMH-120-R

Ranunculus (Buttercup) stem TS

ZMH-160-M

Hippuris stem apex (meristem) LS

ZMH-170-F

Nymphaea stem TS

ZMH-180-V

Lamium (Nettle) stem TS

ZMH-200-A

Vicia (Bean) stem TS

ZMH-220-JRibes (Currant) stem TS, for
phellogen**ZMH-240-S**Sambucus (Elder) stem TS, with
lenticel**ZMH-250-L**Acer pseudoplatanus timber TS,
TLS, RLS**ZMH-300-P**

Tilia (Lime) young and old stems TS

ZMH-340-K

Tilia old stem TLS

ZMH-360-T

Tilia old stem RLS

ZMH-370-M

Tilia timber TS, TLS, RLS

ZMH-420-QDicotyledon stem apex (meristem)
LS**ZMH-450-S**Quercus robur (Oak) timber TS,
TLS, RLS**ZMH-462-F**

Stem types TS, dicot and monocot

ZMK-100-B

Lily leaf TS

ZMK-120-K

Lily leaf TS

ZMK-130-NOnion bulb epidermis E for cell
structure**ZMK-140-T**Monocotyledon epidermis E, for
stomata**ZMK-160-F**

Zea (Maize) leaf TS

ZMK-170-R

Oryza (Rice) leaf TS

ZMK-175-S

Sorghum leaf TS

ZMK-180-XErica (Heather) leaf TS, typical
xerophyte**ZMK-200-Q**Ammophila (Marram Grass) leaf TS,
rolled xerophyte**ZMK-210-F**

Ficus (Fig) leaf TS, cystolith

ZMK-220-NNerium (Oleander) leaf TS, sunken
stomata**ZMK-240-L**Nymphaea (Water Lily) floating leaf
TS

ZMK-260-U

Ilex (Holly) leaf TS, showing cuticle

ZMK-280-G

Ligustrum (Privet) leaf TS, typical mesophyte

ZMK-320-R

Ligustrum epidermis E, with stomata

ZMK-340-D

Leaf epidermis E, monocot and dicot, for stomata

ZMK-380-V

Urtica (Nettle) leaf TS, for stinging hairs

ZMK-400-A

Helianthus (Sunflower) leaf TS

ZMK-420-J

Helianthus leaf HLS

ZMK-460-E

Syringa (Lilac) leaf TS

ZMK-540-K

Buxus (Box) leaf epidermis E

ZMK-580-F

Prunus (Cherry) leaf TS

ZMK-620-Q

Potamogeton aquatic leaf TS

ZMK-660-L

Acer (Sycamore) node LS, abscission layer

ZMK-700-W

Leaf types TS, hydrophyte, mesophyte, xerophyte

ZML-100-X

Lilium (Lily) mature anther TS

ZML-120-A

Lilium young flower bud TS, archesporial tissue

ZML-160-S

Lilium ovary TS and LS

ZML-180-E

Lilium ovary TS, 3 stages of development

ZML-200-G

Capsella (Shepherd's Purse) ovule LS, early embryo development

ZML-240-B

Capsella mature embryo LS, cotyledon stage

ZML-260-K

Ranunculus (Buttercup) flower bud LS

ZML-320-H

Stigma LS, with pollen tube

ZML-340-Q

Pollen grains E, germinating

ZML-360-C

Pollen grains E, wind and insect distributed

ZML-380-L

Triticum (Wheat) germinating seed LS

ZML-400-N

Zea (Maize) germinating seed LS

ZML-500-F

Drosera leaf E

ZML-540-A

Utricularia E, with bladders

ZML-560-J

Cuscuta (Dodder) TS host, showing haustoria

ZML-800-E

Solanum (Potato) tuber TS, for starch

ZML-860-Y

Mnium leaf TS, showing chloroplasts

SEEDS

ZHB-118-W

Barley 250g

ZHB-188-T

Cress 100g

ZHB-344-J

Maize 100g

ZHB-380-F

Mung beans 100g

ZHB-388-D

Mustard 250g

ZHB-398-T

Oats 250g

ZHB-564-C

Wheat 250g

ZHB-660-S

Pea Dwarf Wrinkled 100g

ZHB-670-L

Pea Tall Round 100g

ZMB-010-A.**Basic Botany Slide Set
25 slides.**

Allium (Onion) root apex LS, mitosis
 Chlamydomonas E
 Cucurbita (Marrow) stem LS for sieve tubes
 Dryopteris (Fern) prothallus, with antheridia and archegonia E
 Dryopteris pinnule with sori TS
 Fucus dioecious, conceptacles VS
 Helianthus (Sunflower) young root TS
 Helianthus stem TS
 Marchantia (Liverwort) thallus, antheridia VS
 Marchantia developing sporogonium VS
 Marchantia thallus, archegonia VS
 Mnium (Moss) antheridial head VS
 Mnium archegonial head VS
 Mucor E, conjugation
 Penicillium VS, mycelium and conidia
 Pinus (Pine) leaf TS
 Pollen grains E, wind and insect distribution
 Prunus (Cherry) leaf TS
 Ranunculus (Buttercup) flower bud LS
 Saccharomyces (Yeast) budding E
 Spirogyra E, conjugation
 Spirogyra E, vegetative
 Tilia (Lime) young and old stems TS
 Zea (Maize) root TS
 Zea stem TS

ZMB-020-Q**Botany Slide Set**

A comprehensive collection of slides covering the whole of the plant kingdom. This set comprises the 25 slides contained in set ZMB-010-A, plus the following additional slides. 50 slides.

Albugo, TS host to show conidia
 Ammophila (Marram grass) leaf TS, rolled xerophyte
 Cladophora E
 Cucurbita (Marrow) stem TS, for sieve plates
 Dicot stem apex LS, showing meristem
 Drosera (Sundew) leaf E
 Dryopteris (Fern) root TS
 Helianthus (Sunflower) root TS, showing origin of lateral
 Juncus (Rush) stem TS, with stellate

pith

Lamium (Nettle) stem TS
 Ligustrum (Privet) leaf TS, typical mesophyte
 Lycopodium (Club moss) strobilus LS
 Pandorina E
 Pinus (Pine) old stem TS
 Pinus staminate and ovulate cones LS
 Potamogeton aquatic stem TS
 Psalliota (Mushroom) VS, pileus and basidia
 Rhizopus E, asexual
 Ribes (Currant) stem TS, for phellogen
 Selaginella stem TS
 Vaucheria E, sexual reproduction
 Vicia (Bean) young root TS, showing root hairs
 Volvox E, with daughter colonies
 Zea (Maize) leaf TS
 Zygnema E

ZMB-030-J**Basic Plant Anatomy
Slide Set**

An introductory set covering the major aspects of vascular plant structure. 20 slides
 Ammophila (Marram grass) leaf TS
 Capsella LS, mature cotyledon stage
 Cucurbita (Marrow) stem TS and LS
 Dicot stem apex LS
 Helianthus (Sunflower) young and old root TS
 Helianthus old stem TS and LS
 Helianthus stem TS, for separate bundles
 Lilium anther TS
 Lilium ovary TS and LS
 Lilium ovary TS, various stages
 Monocot epidermis E, for stomata
 Pollen grains E
 Prunus (Cherry) leaf TS
 Stigma LS, with pollen tube
 Tilia (Lime) young and old stems TS
 Tilia old stem RLS
 Vicia (Bean) young root TS
 Vicia root apex LS
 Zea (Maize) stem TS and LS
 Zea seed LS

ZKY-400-U**Beginners Slide Set**

A set of 12 slides selected for their suitability for young and inexperienced microscopists. Ideal for stimulating interest in the examination of specimens and in the use of the microscope.
 Butterfly wing scales
 Cork section
 Cotton material
 Housefly leg
 Housefly wing
 Hydra
 Letter 'e'
 Onion skin
 Paper fibres
 Twig section
 Water flea
 Water organisms

ZKY-450-Y**Microscope Test Set**

This set contains an unstained section of bean root to test phase objectives, a blowfly proboscis for low power objectives and six diatoms suitable for use with magnifications of x50 to x1000 or more. 8 slides

ZKY-480-K**Basic GCSE Biology
Slide Set**

A set of microscope slides created especially to meet the requirements of these examinations. The set is applicable to all versions of the GCSE Biology syllabus. 25 slides.
 Allium root tip LS, mitosis
 Allium root tip squash
 Artery and vein TS
 Dicot leaf TS
 Dicot stem apex LS
 Dicot stem LS, old
 Dicot stem TS, separate bundles
 Human blood smear
 Kidney injected VS
 Kidney TS
 Lily anther TS, tetrads
 Lung injected VS
 Lung VS
 Monocot leaf epidermis E
 Monocot root TS

Moss leaf, for cells
 Mucor asexual E
 Ovary VS
 Pancreas TS
 Skin VS, hair insertion
 Skin VS, sweat glands
 Spinal cord TS
 Squamous epithelium (cheek cells)
 Testis TS
 Yeast (*Saccharomyces*) E

ZKY-484-J

GCSE Textiles (fibres/fabrics) Slide Set Containing 12 slides.

Cotton fabric
 Cotton fibre
 Linen fabric
 Linen fibre
 Nylon fabric
 Nylon fibre
 Polyester fabric
 Polyester fibre
 Silk
 Wool, natural
 Wool, processed
 Yak hair

ZKY-486-U

GCSE Food Science Slide Set Containing 20 slides.

Adipose tissue TS
 Areolar for collagen and elastic fibres
 E
 Aspergillus asexual VS
 Carrot TS
 Fish (Cod) uncooked
 Fish (Herring) skin VS
 Fish cooked
 Meat (muscle LS) cooked
 Meat (muscle LS) uncooked
 Mixed bacteria
 Mucor asexual E
 Onion skin, for cells
 Penicillium VS
 Potato (*Solanum*) cooked
 Potato uncooked, shows starch
 Psalliota (mushroom) VS
 Starch grains E
 White flour E
 Wholemeal flour E
 Yeast (*Saccharomyces*) E

ZKY-490-D

Basic Biology Slide Set

This set includes some of the most important slides for any biology course. The basic set forms part of the Biology Slide Set ZKY-500-M. 25 slides.

Allium (Onion) root apex LS
 Amoeba E
 Artery and vein TS
 Cucurbita (Marrow) stem LS
 Dryopteris (Fern) prothallus E
 Euglena E
 Fasciola (Liver fluke) E
 Helianthus (Sunflower) root TS
 Helianthus leaf TS
 Helianthus stem TS
 Human blood smear
 Hydra with bud E
 Ileum TS
 Lung VS
 Marchantia (Liverwort) developing sporogonium VS
 Marchantia thallus, antheridia VS
 Marchantia thallus, archegonia VS
 Mnium (Moss), antheridia VS
 Mnium archegonia VS
 Mucor conjugation E
 Ovary VS
 Spirogyra E
 Testis TS
 Zea (Maize) root TS
 Zea stem TS

ZKY-500-M

Biology Slide Set

This set of 50 slides covers the major requirements for a basic course in biology. Selected slides from the zoology, histology and botany sections make up this useful set. Contains the 25 slides from the set ZKY-490-D plus the following additional 25 slides.

Cardiac muscle LS
 Compact bone TS
 Cucurbita stem TS
 Dryopteris (Fern) pinnule, with sori TS
 Helianthus stem TS, secondary thickening
 Hydra TS
 Hydra with ovary TS
 Hydra with testis TS

Kidney VS

Lilium (Lily) anther TS
 Lilium ovary TS & LS
 Lumbricus (Earthworm), TS typhlosole
 Lycopodium strobilus LS
 Nerve cells smear
 Paramecium
 Paramecium conjugation E
 Skin VS, hair insertion
 Spinal cord TS
 Spirogyra conjugation E
 Striated muscle LS
 Taenia (Tapeworm), scolex E
 Taenia proglottid E
 Tilia (Lime) young and old stems TS
 Yeast (*Saccharomyces*)

ZKY-520-V

Protozoa and Algae Slide Set

A set of slides covering all the commonly studied protozoa and freshwater algae. 20 slides.

Amoeba E
 Chlamydomonas E
 Chlorella E
 Cladophora E
 Desmids, mixed species E
 Diatoms, mixed species E
 Euglena E
 Mixed Foraminifera
 Mixed Radiolaria
 Nostoc filaments with heterocysts E
 Pandorina E
 Paramecium conjugating E
 Paramecium E
 Paramecium fission E
 Plasmodium sp (Malaria), in blood smear
 Spirogyra conjugation E
 Spirogyra vegetative E
 Trypanosoma in blood smear
 Volvox with daughter colonies E
 Vorticella E

ZKY-530-X**Bacteria Slide Set**

A set of 12 slides.

Bacilli, Gram positive and negative
 Bacillus megaterium
 Bacillus subtilis
 Cocci, Gram positive and negative
 Escherichia coli
 Mixed bacteria, bacilli, cocci and spirilla
 Mycobacterium tuberculosis in tissue
 Rhizobium in root nodule
 Spirillum
 Staphylococcus epidermidis
 Streptococcus lactis
 Vibrio

ZKY-540-H**Cell Division Slide Set**

A set of slides covering all aspects of chromosome division using both animal and plant examples. 11 slides.

Mammalian testis TS, showing spermatogenesis
 Locusta testis squash, showing meiosis
 Locusta testis VS
 Insect salivary gland squash, acetic orcein for giant chromosomes
 Rana ova, 3 stages (3 slides)
 Allium root tip squash
 Allium root apex LS, showing mitosis
 Lilium anther TS, 3 stages
 Lilium anther TS, meiosis

ZLT-200-G**Basic Histology Slide Set**

This set serves as an introduction to histology and illustrates the major tissue types. The set forms part of the larger ZLT-250-R Histology Slide Set. 25 slides.

Adipose tissue section
 Areolar tissue E, stained for fibres and cells
 Artery and vein TS, to show elastic fibres, collagen and tunica
 Cardiac muscle LS, for nuclei, striations and intercalated discs
 Cerebellum VLS

Columnar epithelium TS
 Compact bone TS, for Haversian canals and lamellae
 Duodenum TS, showing Brunner's glands
 Eye VS, entire
 Human blood, thin film
 Ileum TS, showing villi and goblet cells
 Kidney VS
 Liver TS
 Lung TS, connective tissue stain
 Myelinated nerve teased
 Non striated (involuntary) muscle TS
 Ovary VS, showing follicles
 Pancreas TS, showing islets of Langerhans
 Pseudostratified ciliated columnar epithelium TS
 Skin VS, showing hair insertion and sebaceous glands
 Spinal cord TS
 Stomach wall VS, fundic region
 Stratified squamous epithelium, TS oesophagus
 Striated muscle LS, showing striations and nuclei
 Testis TS, for spermatogenesis

ZLT-250-R**Histology Slide Set**

A comprehensive collection of slides covering major animal histology topics. This set comprises the 25 slides contained in set ZLT-200-G plus the following additional slides. 50 slides.

Adrenal gland TS
 Articulation, VS joint
 Cerebrum VS
 Ciliated epithelium
 Cochlea VS, Guinea Pig
 Colon TS, showing tubular glands
 Elastic connective tissue, VS pinna, elastic tissue stain
 Heart, LS entire organ
 Hyaline cartilage
 Kidney injected, thick section
 Lymphatic TS
 Medulla oblongata VS
 Pituitary gland TS
 Salivary gland, parotid TS
 Sciatic nerve LS
 Spermatozoa smear
 Spleen TS

Squamous epithelium, isolated cells from mouth
 Stomach wall VS, cardiac region
 Stomach wall VS, pyloric region
 Tendon TS
 Thyroid gland TS
 Tongue VS, for taste buds
 Transitional epithelium, TS bladder wall
 Ureter TS

ZLT-300-V**Human Histology Slide Set**

Containing 25 slides.

Appendix section
 Artery and vein TS
 Cardiac muscle section
 Cerebellum section
 Cervix section
 Colon section
 Duodenum section
 Ileum section
 Kidney section
 Liver section
 Lymph node section
 Mammary gland section
 Nerve TS and LS
 Oesophagus section
 Ovary section
 Pancreas section
 Scalp VS
 Skin section, heavily pigmented
 Spinal cord section
 Spleen section
 Stomach section
 Striated muscle section
 Testis section
 Thyroid gland section
 Uterus section

ZLT-350-J**Human Pathology Slide Set 25 Slides**

-Content upon request

ZKY-810-E

Zoology Slide Set

A comprehensive collection of slides covering the whole of the animal kingdom. The set comprises the 25 slides in set ZKY-800-L, plus the following additional 25 slides. 50 slides.

Actinia (Anemone) body, TS
Actinia body, LS
Amphioxus TS, pharyngeal region
Apis (Bee) 3 legs E
Apis sting and poison sac E
Asterias (Starfish) arm TS
Cimex (Bed bug) E
Culex (Gnat) imago E
Culex larva E
Daphnia E
Fasciola (Liver fluke) TS, two regions
Flea E
Grantia colony TS
Lumbricus (Earthworm) TS, insertion of setae
Mammal placenta VS
Mammalian umbilical cord TS
Mixed foraminifera
Monocystis in section
Obelia hydroid colony, showing hydranth and blastostyle E
Obelia medusa E
Oryctolagus (Rabbit) embryo VLS
Rana (Frog) skin VS
Scyliorhinus (Dogfish) embryo TS, branchial region
Taenia (Tapeworm) mature proglottid, TS
Trypanosoma in blood smear

ZKY-840-G

Hydra Slide Set

6 slides.
Hydra extended E
Hydra TS & LS (one slide)
Hydra with bud LS
Hydra with ingested animal, LS
Hydra with ovary TS
Hydra with testis TS

ZKY-850-W

Earthworm Slide Set

6 slides.
Lumbricus LS, reproductive region
Lumbricus TS, reproductive region
Lumbricus TS, showing insertion of setae
Lumbricus TS, through crop region
Lumbricus TS, typhlosole region
Lumbricus VLS anterior

ZKY-860-P

Insect Anatomy Slide Set

9 slides.
Apis (Bee) head VS, showing brain and eyes
Apis spiracles E
Apis wing E
Apis, three legs E
Musca (Housefly) imago, proboscis E
Periplaneta (Cockroach) mouthparts disarticulated E
Periplaneta trachea E
Pieris (Butterfly) imago, antenna E
Pieris imago, proboscis E

ZKY-870-Y

Frog Embryology Slide Set

This set covers the major stages in Rana (Frog) development from early division of the egg and includes the anatomy of the tadpole after hatching. 15 slides.
12mm tadpole TS, heart region
12mm tadpole TS, through eye
12mm tadpole TS, trunk region
Embryo VLS
Newly hatched tadpole HLS, trunk region
Newly hatched tadpole TS, eye region
Newly hatched tadpole TS, gill region
Newly hatched tadpole TS, trunk region
Ovum, early blastula VS
Ovum, early gastrula VS
Ovum, early neural fold VS
Ovum, early segmentation VS
Ovum, later blastula VS
Ovum, later gastrula VS
Ovum, neural tube VS

ZKY-880-B

Chick Embryology Slide Set

A set covering the major stages in chick development and including sections showing development of the eye, heart and trunk. 18 slides.
12/18 hour, primitive streak E
24 hour, 3-6 somites E
36 hour VLS, whole embryo
36 hour, 14-17 somites E
48 hour HLS, whole embryo
48 hour, 24-28 somites E
60 hour, 29-35 somites E

72 hour HLS whole embryo
72 hour, 36 somites E
Embryo TS heart region at 36, 48 and 72 hours
Embryo TS optic region at 36, 48 and 72 hours
Embryo TS trunk region at 36, 48 and 72 hours

ZKY-935-V

Basic Parasitology Slide Set

A representative selection of important parasites for introductory work.
Set of 12 slides. Ancylostoma E
Cimex E
Clonorchis sinensis E
Culex E
Enterobius E
Fasciola rediae E
Pediculus E
Plasmodium, in blood smear
Schistosoma mansoni, adult E
Taenia scolex E
Trypanosoma, in blood smear
Flea

ZKY-800-L

Basic Zoology Slide Set

This set includes important slides taken from the whole range of the animal kingdom. This basic set forms part of the larger Zoology slide set ZKY-810-E. 25 slides
Amoeba E
Amphioxus, young, E
Ascaris (Roundworm) TS, female
Ascaris TS, male
Euglena E
Fasciola (Liver fluke) E
Hydra body wall LS
Hydra body wall TS
Hydra extended E
Lumbricus (Earthworm) TS, typhlosole
Lumbricus LS, reproductive region
Musca (Housefly) imago head E
Oryctolagus (Rabbit) embryo, TS body
Paramecium E
Pediculus (Louse), E
Periplaneta (Cockroach) head E
Periplaneta trachea E
Pieris (Butterfly) imago proboscis E
Planarian TS
Rana (Frog) ovary TS
Rana testis TS, for spermatogenesis
Scyliorhinus (Dogfish) skin with placoid scales VS
Sycon colony TS
Taenia (Tapeworm), scolex E
Taenia mature proglottid E

GENETICS**ZHC-265-K****Genetic Corn Set**

For demonstrating one and two factor crosses with aleurone colour (R) and endosperm character (Su). The set includes nimbus 1, 6, 7 and 9, unmounted. Demonstration mounts are selected portions of parent cobs, F1 and F2 in a display box with removable lid.

ZHC-405-N**Genetic Corn Monohybrid Cross**

Purple and yellow are used to give a 3:1 ratio in the F2

ZHC-425-W**Genetic Corn**

Monohybrid Test Cross Purple and yellow are crossed and the F1 is then crossed with the yellow (recessive) parent

ZHC-435-P**Genetic Corn Dihybrid Cross**

Purple smooth and yellow wrinkled are used to give 9:3:3:1 ratios in the F2

TEACHING KITS

YTH-522-A

YTH-522-A**Cigarette Tar Demonstration Kit**

The kit provides a simple and telling demonstration of the tars produced when a cigarette is smoked. A syringe is used to produce measured puffs with a filter to absorb the tars. With spare papers and instructions but without cigarettes

ZEA-060-R**Introductory Microbiology Kit**

The kit is designed to examine micro-organisms from the environment. It contains the basic equipment needed for class demonstrations or use by small groups. No live cultures are included, detailed instructions are provided. The kit can be used to demonstrate:

1. Basic techniques
2. Collection and transfer of samples
3. Incubation
4. Sterilisation by heat, disinfectants, antibiotics

ZEA-112-J**Milk Testing Set**

A set of materials to show the way that milk purity can be tested using resazurin and to relate those results to the number of bacteria in the milk. Sterile petri dishes are needed but not included in the kit. Suitable for 5 students or groups.

ZEA-136-R**Antibiotic Sensitivity Set**

To demonstrate the sensitivity of bacteria to antibiotics. This set contains live cultures of bacteria and is suitable for 10 students or 10 groups of students.

ZEA-190-L**Plant Tissue Culture Set**

An introductory set to demonstrate the techniques and potential of plant tissue culture using carrot seeds. 5 students or groups can perform each experiment :

1. Culture carrot seedlings aseptically
2. Grow an unorganised cell mass, a callus
3. Initiate a suspension culture
4. Develop many new plantlets from a portion of the callus - totipotency.

ZEA-200-U "**Plant Tissue Culture Set 2**

To show the effects of different concentrations of hormones, auxins and kinetin on shoot, root and callus growth. 5 students or groups can perform each experiment :

1. Culture tobacco seedlings aseptically
2. Initiate a callus
3. Induce root and shoot development.

ZEA-210-N**Fermentation Kit**

The kit contains the basic materials to show the process used to produce beer. Diastase production, CO₂ production, carbohydrate utilisation and yeast production and activity are all shown. Suitable for 5 students or groups of students.

ZEA-215-800U**Protease 5g**



ZPK-500-F

ZPK-500-F Shampoos at Work Kit

The kit aims to stimulate students to make an objective evaluation of an everyday commodity and leads to project work using commercial brands supplied by the students. Five samples are supplied and tested for pH, foaming, detergent action, viscosity, perfume, colour and cost. Worksheets are provided which may be photocopied. The instructions include detailed background notes. Suitable for 6 students or groups.



ZPK-560-J

ZPK-560-J Chromatography Teaching Kit

A self-contained kit which uses miniature tanks to give separations in 5-10 minutes. The basic principles are covered by the separation of three dyes, singly and in mixtures, followed by the separation and detection of two amino acids. This is put to practical use by showing the effect of trypsin upon a protein, with the effects of pH on this action also being illustrated. Amino acids and proteases in plant material can also be demonstrated. Suitable for 5 students or groups.

ZPK-562-U Chromatography Kit

Replacement Reagent Pack



ZPK-660-B

ZPK-580-S Latex Injection Kit

A kit containing the materials needed to produce three colour injections of the vascular system of animals. Includes syringes, needles, latex and pigments. With full instructions for use.

ZPK-582-G Latex, 1 Litre ZPK-584-R Set of Pigments for Latex

50 ml each of red, blue and yellow pigment for latex

ZPK-660-B Plant Culture Kit

Provides a carefully formulated Hoagland's culture medium powder, 12 tubes each producing 10 litres of plant culture solution, to furnish all the elements necessary for satisfactory plant growth, plus two sets of water culture reagents for experiments in mineral deficiency. One set in tablet form, prepared according to Sach's formula, with eight tubes of 10 tablets, each tablet producing 250ml. The second set, in powder form, prepared according to the Long Ashton formula, with nine tubes of powder, each making 2 litres.

ZPK-664-A Water Culture Reagents, Sach's Formula

A set of 8 tubes of 10 tablets, each making 250ml solution. A 'control' and seven similar formulations, but lacking nitrogen; phosphorus; sulphur; calcium; potassium; magnesium and iron respectively.

ZPK-666-L Water Culture Reagents, Long Ashton Formula

A set of 9 tubes of powder, each making 2 litres of solution. These comprise deficiencies as in the Sach's set, together with a sodium deficient formulation. Includes trace elements missing from the Sach's formula, copper; zinc; manganese; boron; and molybdenum.

Enzymes at Work Kit

The kit is designed to show the principles of enzyme actions and their commercial application. It uses five different enzymes with industrial and commercial relevance: amylase, invertase, pectinase, cellulase and protease. The six experiments are simple to carry out and suitable for a wide range of abilities. They provide good illustrations of enzymes at work and also allow for the effects of temperature and pH to be studied. Suitable for 6 students or groups.

ZEA-218-L

Enzyme Teaching Kit

This kit allows students to gain an insight into the action of enzymes. Reagents are supplied preweighed and only need the addition of water. The eight experiments investigate the activities of urease and amylase. They examine the influences of inhibitors, pH, enzyme and substrate concentration and temperature. Quantitative results are obtained and the detailed instruction booklet has a section on theory. Suitable for a group of 10 A level students.

ZEA-219-F

Enzyme Teaching Kit

Replacement Reagent Pack

ZEA-220-G

Enzyme Production Set

A set of materials to show the production of commercially important enzymes by micro-organisms. Three living cultures are provided - *Bacillus subtilis* (protease), *Saccharomyces cerevisiae* (invertase), and *Aspergillus* (amylase). Suitable for 5 students or groups of students.

ZEA-230-W

Lactic Acid Fermentation Set

This set explores the changes which occur in milk during the production of yoghurt. The students investigate the production and effects of acid, the growth of bacteria and the changes in dissolved oxygen. Suitable for 5 students or groups of students.

ZGV-170-A

Instant Pond Kit

A carefully formulated mixture in the proportions for Holtfreter's solution. Supplied as 10 tubes of powder, each sufficient for 10 litres of 'instant' pond when added to distilled or deionised water and 100 tablets each sufficient for 200ml. The tablets are useful for the preparation of topping-up solution. Instructions give details of preparation, applications and data on organisms which may be introduced into a tank.

ZPK-280-T

Dental Health Teaching Pack

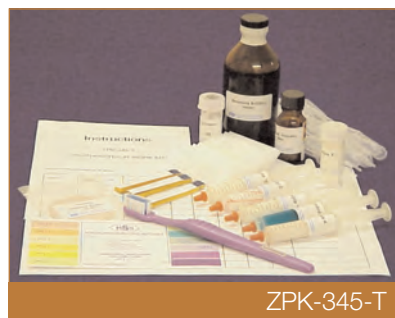
A set of materials to help with the teaching of dental care and health. Included are:
Colour chart showing development, care and structure of teeth.
Set of 10 plastic replicas of the different types of human teeth.
Pack of disclosing tablets to display plaque on teeth.
Set of projection slides (33) and teaching notes 'About your teeth'.

ZPK-285-R

Disclosing Tablets 12pk

ZPK-345-T

Toothpastes at Work Kit



ZPK-345-T

This kit allows objective evaluation of different toothpastes and can lead to stimulating discussions on the value of advertising. The students determine total solids, pH, foam formation, abrasive action and other substances and use their results to make judgements about effectiveness. Suitable for use by 6 students or groups.



ZPK-370-S

ZPK-370-S

Dairy Products Production Kit

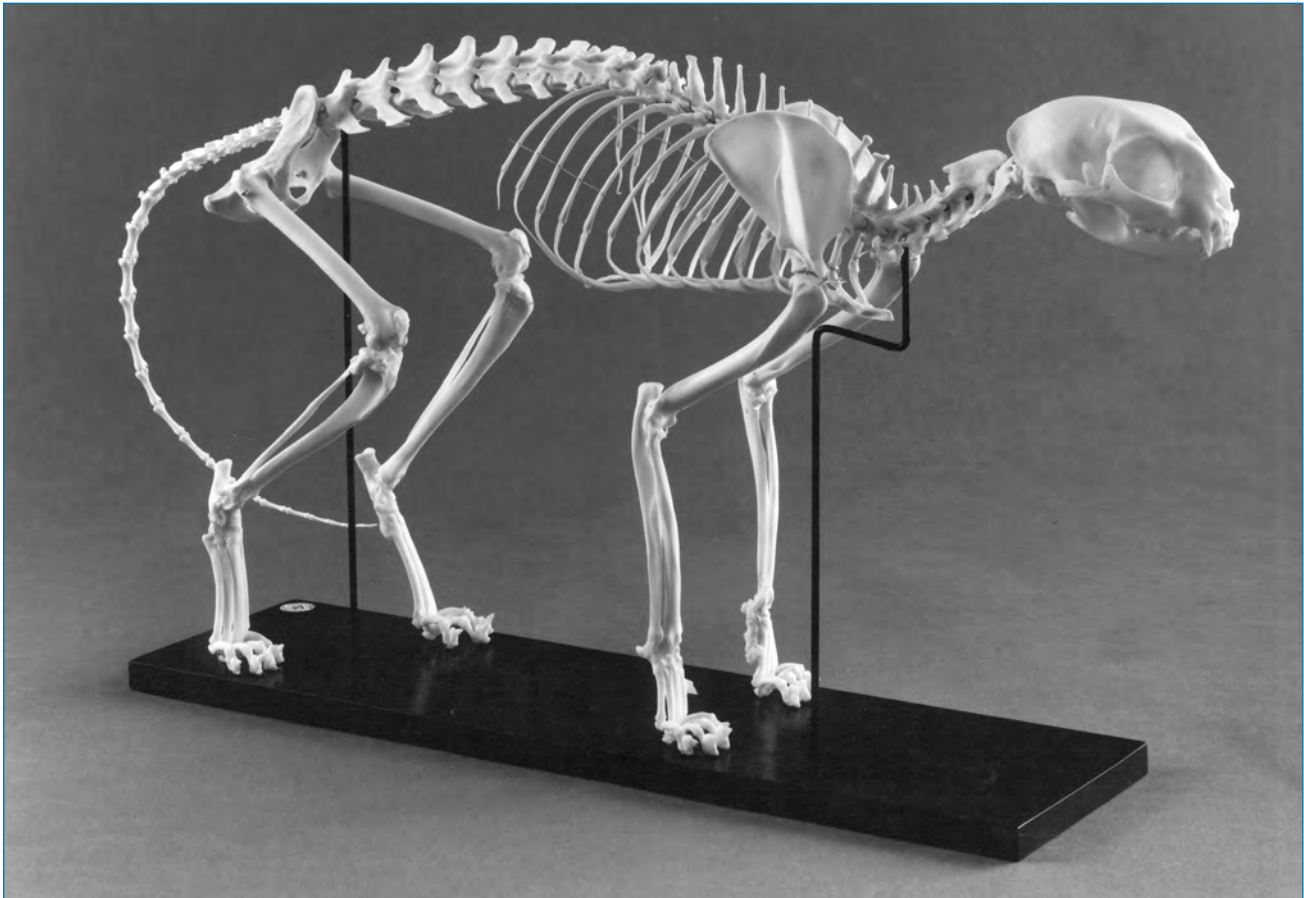
This kit supplies the materials, methods and background for students to follow the principles involved in the manufacture of some major milk products. Cheese, junket, ice cream, yoghurt, butter, plastic and glue are included. The kit also looks at the process of making milk suitable for those unable to digest lactose. Suitable for 6 students or groups.

ZPK-490-T

Washing Powders at Work Kit

Modern washing powders are complex and sophisticated products. The kit supplies 5 samples which are used for a scientific comparison of properties and performance. Tests include solubility, pH, bleaching action, biological/enzyme action, quality of filler/extender, cleaning power, phosphates, soap/detergent test, oil dispersion, foam formation, water content, consumer choice. The instructions include detailed background notes. Suitable for 6 students or groups.

112



ZJT-600-T



ZJT-630-V

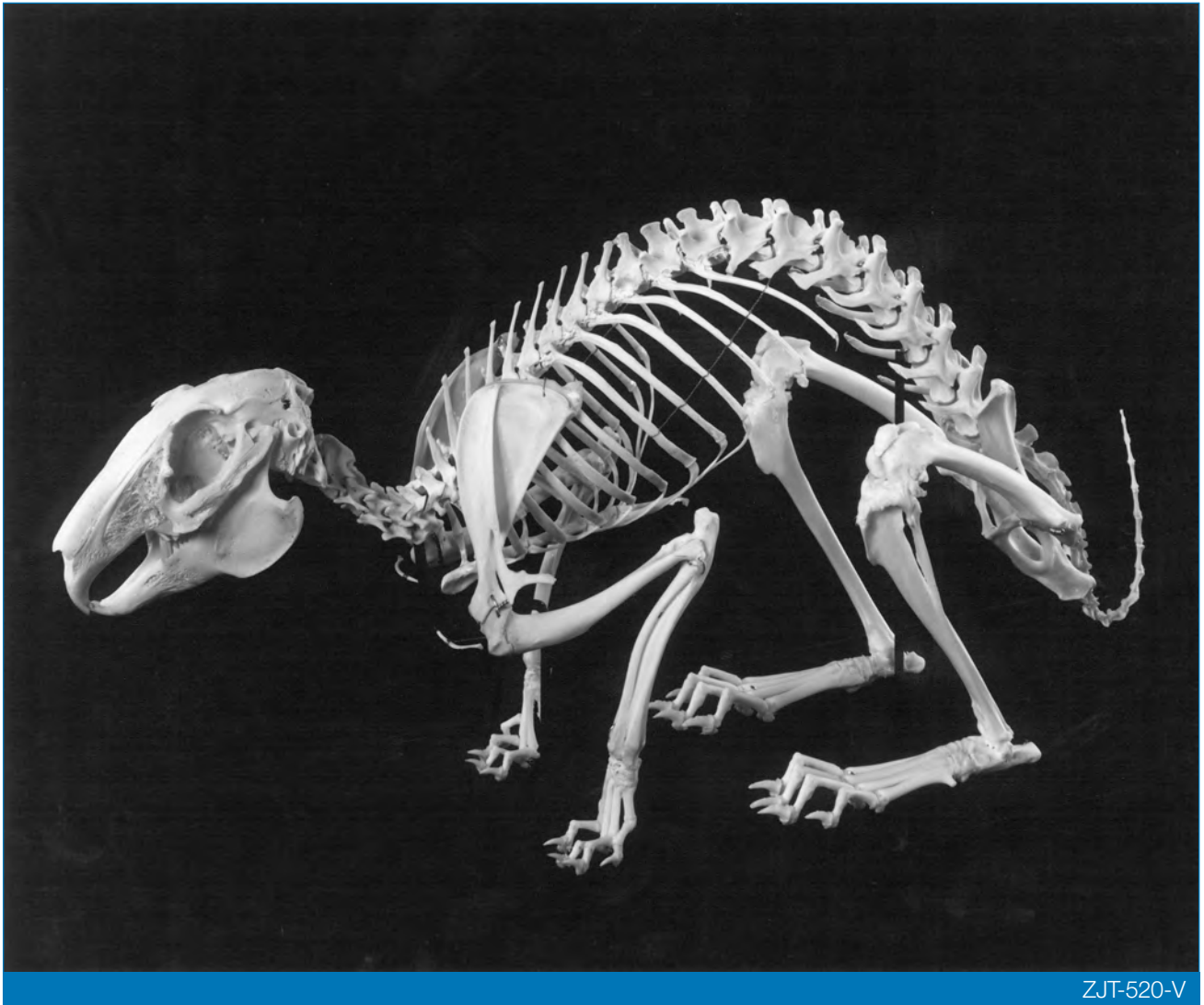


ZJT-130-P

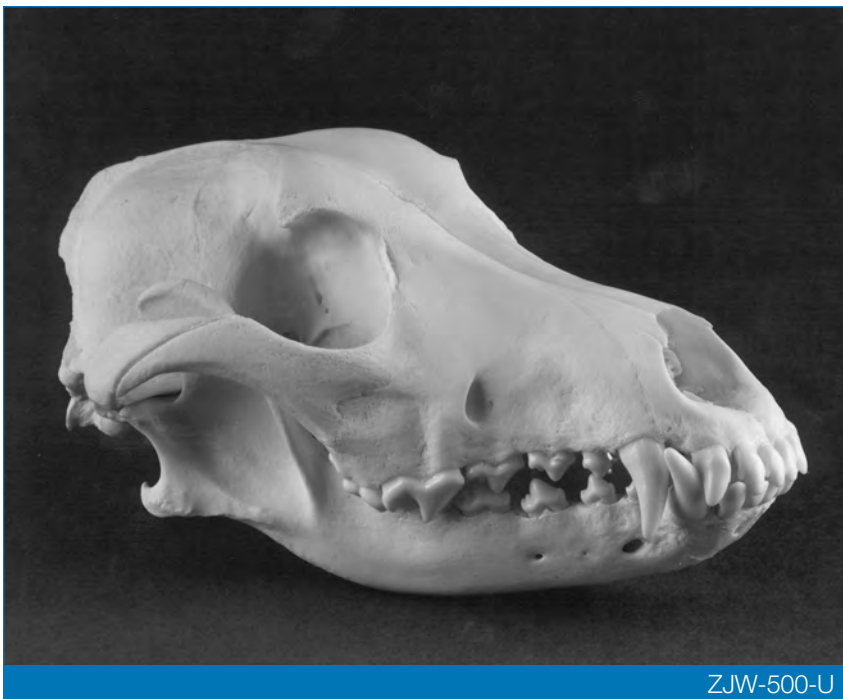
ZJT-600-T
Cat Skeleton

ZJT-130-P
Pigeon Skeleton

ZJT-630-V
Dog Skeleton



ZJT-520-V



ZJW-500-U

ZJT-520-V
Rabbit Skeleton

ZJW-480-S
Cat Skull

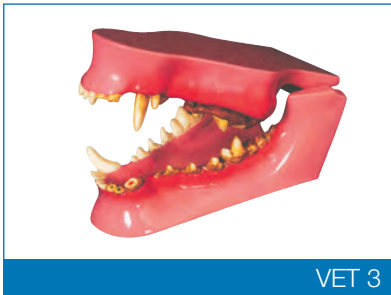
ZJW-500-U
Dog Skull



ZJW-480-S

114 Veterinary Models

Prevention and care of veterinary diseases and injuries can be explained to pet owners and students quickly and easily. The GPI Veterinary models are used worldwide by veterinarians and veterinary



VET 3

Canine Knee (stock)

Average size dog knee #1050 with femur, fibula, patella and tibia bones; lateral and medial meniscus; anterior and posterior cruciate ligaments; plus 6 more ligaments and tendons.



VET 4

Canine Hip (stock)

Average size dog pelvis #1060 that features both normal and osteoarthritic bone, body of ilium, greater trochanter, head in acetabulum, herniated disc, neck of femur, nerve, sacrum, and third trochanter. Model: 7" x 5 1/2" x 11"

Canine Brain (custom)

Left and right hemisphere average size canine brain are featured on a custom swing-arm base. Right hemisphere is an older brain showing minimal tissue loss. This model was developed to assist veterinarians in teaching dog owners the benefits of feeding their pet a highly nutritious product, enhancing the likelihood that their dog will have less age-related problems. The model includes an information card outlining the effects of brain aging.

Canine Ear (custom)

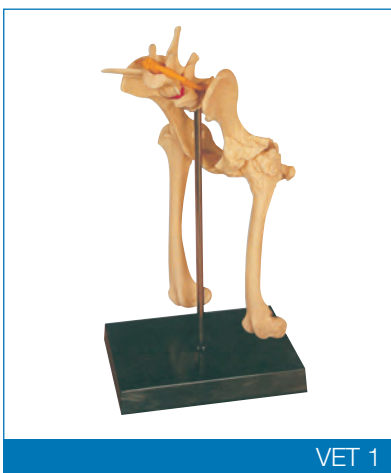
Average size dog ear features the following anatomy: pinna (ear flap), articular cartilage, vertical ear canal, osseous external acoustic meatus, mandibular gland, muscles, articular cartilage, skin, temporal muscle, skull, cerebrum, cerebellum, semicircular canals, ossicles, cochlea, tympanic membrane (ear drum), bulla, eustachian tube. This canine ear is featured on a custom wood base with customer's logo engraved.

Canine Heart/Lung with Worms (Custom)

Average size canine heart/lung model is featured on a custom vaccu-formed base with removable clear cube enclosure. Canine heart/lungs feature heartworm parasites.



VET 2



VET 1

Canine Jaw (stock)

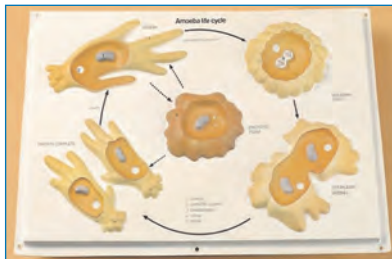
Average size canine jaw #1195 depicts healthy teeth on the right side and diseased on the left. The nine pathologies featured are: fractured canine, periodontal disease tarter accumulation, plaque, gingivitis, worn incisors, retained deciduous tooth, gingival recession and missing premolar. aw opens, closes and separates for closer study. Model:



VET 5



VET 6



ZKA-158-R

ZKA-158-R Amoeba Life Cycle

A colour plaque model depicting the life cycle of Amoeba reproducing by binary fission. Five different stages are shown, from the large single amoeba to the daughter amoebae. Features numbered with printed key on base. Base size 43x28cm.



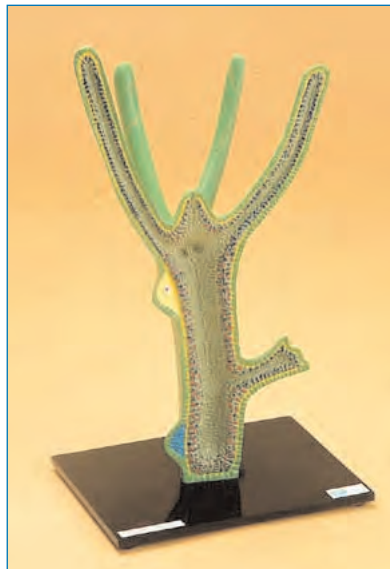
ZKA-176-P

ZKA-176-P Paramecium Model

A detailed model showing internal and external features of Paramecium, including meganucleus, micronucleus, oral groove, buccal cavity, food vacuoles, contractile vacuoles, trichocysts and locomotory cilia. Mounted on base and supplied with key card. Size 25x12cm.

ZKA-256-V Hydra Model

A median longitudinal section of a green hydra, showing external and internal structure, budding, testis and ovary. On base. 27cm high.



ZKA-256-V

ZKA-656-M Fish Model

Lateral view of a general dissection of a typical bony fish. The features shown include digestive tract, gills, fins, gonads and swim bladder. Some detail of the nervous, circulatory and skeletal systems also shown. Carefully painted and mounted on a plastic base size 37.5x17cm.



ZKA-736-S

ZKA-736-S Frog (Rana) Embryology Set

Five models showing near median sections through the egg during development from early gastrula to neurula. Features shown include dorsal lip, blastophore, blastocoel, rudimentary gut and CNS. The models are 10cm high on the pedestal.

ANIMAL MODELS 115



ZKA-656-M

ZKA-806-Y Rat Model

An ideal introduction to mammalian anatomy, which can be used in the classroom in place of some dissections. Clearly coloured, the model is male, life size and mounted on a plastic base. The heart and lungs, liver and stomach, and intestines are removable to show other internal organs. A key card with 5 detailed diagrams is supplied. Base size 30x15cm.



ZKA-806-Y

ZKA-902-B Cow Udder

A life size model showing the internal structure of the mammary gland of the cow as a vertical section through the udder and teats. The different features are coloured and identified using a separate key. The model is 41.5x22x6cm and is mounted on a plastic base.



ZKA-902-B

116 ANIMAL SKULLS - CELLS MODELS



ZKA-005-R

ZKA-005-R

Rabbit Skull, Plastic

A life size plastic cast of a carefully selected adult rabbit skull. The mandible is removable and the dentition is complete. This robust cast shows excellent detail and is ideal for handling by students. It is easily cleaned with soapy water.



ZKA-010-C

ZKA-010-C

Cat Skull, Plastic

A life size plastic cast of a carefully selected adult cat skull. The mandible is removable and the dentition is complete, showing the characteristics of a typical carnivore. This robust cast shows excellent detail and is ideal for handling by students. It is easily cleaned with soapy water.



ZKA-020-S

More robust than natural bone, also suitable for students who do not choose to handle real skulls. Rabbit, cat, dog and sheep show the dentition characteristic of their diets. Three primate skulls are also listed.

ZKA-020-S

Sheep Skull, Plastic

A life size plastic cast of a carefully selected adult sheep skull. The mandible is removable and the dentition is complete, clearly showing the characteristics of a typical herbivore. The skull has the excellent surface detail typical of ESP skulls, is robust enough for students to handle and easily cleaned with soapy water.



ZKA-040-C • ZKA-050-M • ZKA-060-G

ZKA-030-D

Dog Skull, Plastic

A life size plastic cast of a carefully selected medium size adult dog skull. The mandible is removable and the dentition is complete, clearly showing the characteristics of a typical carnivore. The skull has the excellent surface detail typical of ESP skulls, is robust enough for students to handle and easily cleaned with soapy water.

ZKA-040-C

Chimpanzee skull, Plastic

A life size plastic cast of a carefully selected adult female Chimpanzee. The mandible is removable and the dentition is complete. The skull is robust enough for students to handle and is easily cleaned with soapy water. Size 13x13x21cm.

ZKA-050-M

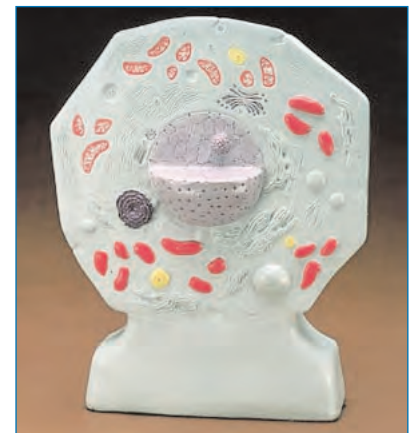
Orang Utan Skull, Plastic

A life size plastic cast of a carefully selected adult male Orang Utan. The mandible is removable and the dentition is complete. The skull is robust enough for students to handle and is easily cleaned with soap and water. Size 16x16x18cm.

ZKA-060-G

Gorilla skull, Plastic

A life size plastic cast of a carefully selected adult male Gorilla, the largest of the primates. The mandible is removable and the dentition is complete. The skull is robust enough for students to handle and is easily cleaned with soap and water. Size 18x20x40cm.



ZKA-075-A

ZKA-075-A

Animal Cell

A highly magnified representation of a typical and generalised animal cell, showing both microscopic and ultramicroscopic detail. The structures are shown in section and in relief. Supplied with manual, 28x23x8cm.

CELLS MODELS - PLANT MODELS 117



ZKA-085-C

ZKA-085-C Chloroplast

Magnified x75000, the model shows the organelles of a chloroplast in section and relief. On base, with manual, 29x29x23cm.



ZKA-090-V

ZKA-090-V AIDS Virus

An enormously magnified model of the HIV virus, showing the outer lipid membrane with protein structures and the internal RNA. The internal structure is removable. 18x13x13cm.

ZKA-100-Y Mitosis

A robust plastic model showing eight stages of mitosis. The model is carefully coloured for maximum clarity and teaching value. Each stage is numbered and a key is attached. Base size 43x43cm.

ZKA-102-T Mitosis-Unmounted

The eight separate stages of ZKA-100-Y, numbered, with key. 9 parts.



ZKA-100-Y

ZKA-110-B

Meiosis

ZKA-113-U

Meiosis, Unmounted

The ten separate stages of ZKA-110-B, numbered, with key. 13 parts.



ZKA-110-B

ZKD-900-G

Monocot (Iris) Root

A wedge shaped sector through a typical monocotyledon root, giving transverse and longitudinal sections. Longitudinal section of phloem and xylem tissues are shown. Supplied with key card. Size 34x21.5x5cm.



ZKD-900-G

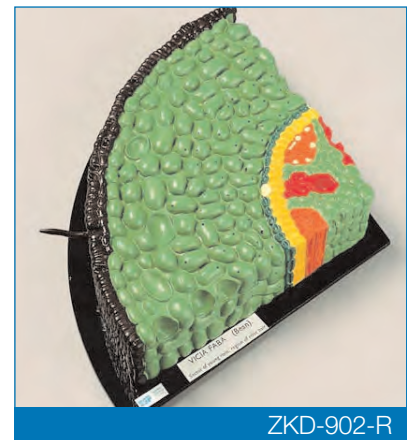


ZKD-870-L

ZKD-870-L

Fern Life Cycle Model

A series of eight models displaying the alternation of generations in the life cycle of the fern. The series is: sori on pinnule; sori after dehiscence; vertical section of sorus; structure of dehiscing sporangium; prothallus with antheridia and archegonia; section through mature archegonium; section through antheridium; gametophyte with young sporophyte. With key card, on base 40.5x23.5cm.



ZKD-902-R

ZKD-902-R

Dicot (Vicia) Root

A sector through a typical dicotyledon root in the region of the root hairs. One side shows a longitudinal section through phloem and the other through the xylem together with adjacent tissues. Radius of section 17cm, thickness 6cm. Supplied with key card.

118 PLANT MODELS



ZKD-290-P

ZKD-920-P Monocot (Zea) Stem

Transverse and longitudinal sections of all tissues from epidermis to pith are included on this model. Two entire vascular bundles are shown, one entering into the stem from a leaf trace. Another two vascular bundles are shown in section, with longitudinal detail of the cells. Supplied with key card. Size 40.5x23x5cm.



ZKD-922-D

ZKD-922-D Dicot (Helianthus) Stem

The top surface of the model represents a transverse section of a wedge shaped sector of the stem and includes all the tissues from epidermis to pith. One entire vascular bundle is shown and half an adjacent one. The interfascicular tissues and vascular bundle are shown in longitudinal section. The outer surface represents a view of the epidermis with stomata. Supplied with a key card. Size 38x30x8cm.

ZKD-924-X Woody Dicot (Tilia) Stem

A sector of a two-year-old stem with transverse, longitudinal and tangential sections. Shows development of annual growth rings. Size 35.5x25x6cm. With key card.



ZKD-924-X

ZKD-950-R Dicot Leaf

A section through a typical leaf, showing epidermis, palisade and spongy mesophyll, vascular bundle and stomata. Supplied with key card. Size 15x10x6cm.



ZKD-950-R

ZKD-954-Q Lilac (Syringa) Leaf

A vertical section shows epidermis, palisade and spongy mesophyll, stomata and a small vein. A separate underside view of the leaf surface shows stomata. Both models are approx x700. Supplied with key card, mounted on base 27x21cm.

ZKD-980-T Pollen Germination

The model is a vertical section through the stigma, much enlarged, with pollen grains and pollen tubes growing towards the ovule. Supplied with key card. Base size 20x15cm.

ZKD-990-M Pollination and Fertilisation

The main model is a vertical section through the stigma, style and ovary, showing the growth of the pollen tubes to the ovules. Separate models show anther, anther dehiscing, and different types of ovary in transverse and longitudinal section. Base size 50x33cm.



ZKD-954-Q



ZKD-980-T



ZKD-990-M



ZKD-995-F

ZKD-995-F Flower

A greatly enlarged model to demonstrate the floral components and reproductive function of the flower. The petals, sepals and stamens are detachable and one anther is sectioned to show pollen grains. A pollen grain with pollen tube entering the ovary is shown. Mounted on a wooden base and supplied with key card. Size 43x36x25cm.



FA20N

FA20/N Neon Skull

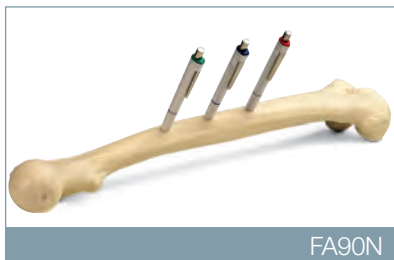
This skull is an illuminating example of human anatomy. All anatomical details are not only true but glow in the dark as well! A great gift for Halloween or for those students or friends needing a flash of inspiration.



FA70N

FA70/1 Lumbar Penholder

Show everyone that you have really got backbone with this unusual and interesting desk accessory. Without pens.



FA90N

FA90 Femur bone penholder

Without pens, 45 cm.



FA92 - FA93

FA92 Bone-brooch, approx. 4cm long

FA93 Bone-brooch, approx. 6cm long



FT11001B - FT11001GR
FT11001OR - FT11001PI

FT11001B Neon Skeleton, blue

A colorful alternative to natural colored skeletons. These brightly colored, detailed life-size skeletons are a great decorative gift, especially for Halloween. Skull cap, arms and legs are removable. Supplied with pelvic mounted roller stand (4 feet). Available in a variety of fun colors.

FUN PRODUCTS 119

FT11001GR Neon Skeleton, green

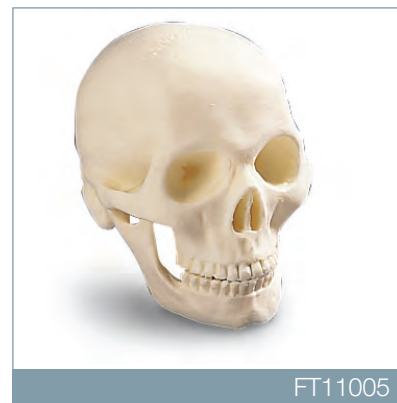
A colorful alternative to natural colored skeletons. These brightly colored, detailed life-size skeletons are a great decorative gift, especially for Halloween. Skull cap, arms and legs are removable. Supplied with pelvic mounted roller stand (4 feet). Available in a variety of fun colors.

FT11001OR Neon Skeleton, orange

A colorful alternative to natural colored skeletons. These brightly colored, detailed life-size skeletons are a great decorative gift, especially for Halloween. Skull cap, arms and legs are removable. Supplied with pelvic mounted roller stand (4 feet). Available in a variety of fun colors.

FT11001PI Neon Skeleton, pink

A colorful alternative to natural colored skeletons. These brightly colored, detailed life-size skeletons are a great decorative gift, especially for Halloween. Skull cap, arms and legs are removable. Supplied with pelvic mounted roller stand (4 feet). Available in a variety of fun colors.



FT11005

FT11005 Desktop Mini-Skull

An anatomical as well as ana(c)omical addition to your home or office.

120 FUN PRODUCTS



FVB90

FVB90 Bone with Knot

A thigh bone paper-weight with a knot to remind practitioners.



FW18001

FW18001 Mini-Skeleton for Mini-Budget

Surprise your friends, patients or colleagues with this unusual ana(c)omical gift. FW10702

12 Eye Key Rings With movable eyeball, diameter 2.8cm.

The set includes 4 keyrings each in green, blue, red.



FW10702



FW40001

FW40001 Key Ring Skull



FW40003

FW40003 Key Ring Heart



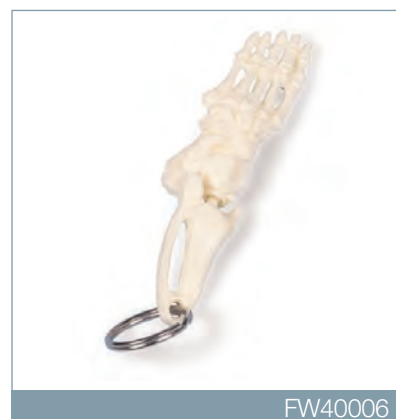
FW40004

FW40004 Key Ring Vertebral Column



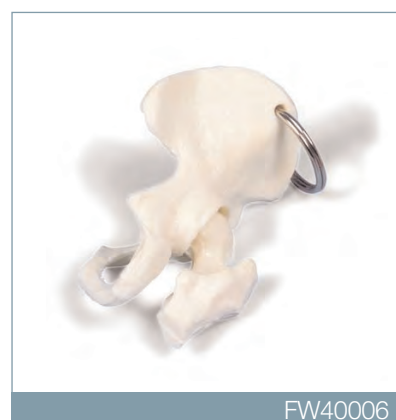
FW40005

FW40005 Key Ring Hand



FW40006

FW40006 Key Ring Foot



FW40006

FW40007 Key Ring Hip

FUN PRODUCTS 121



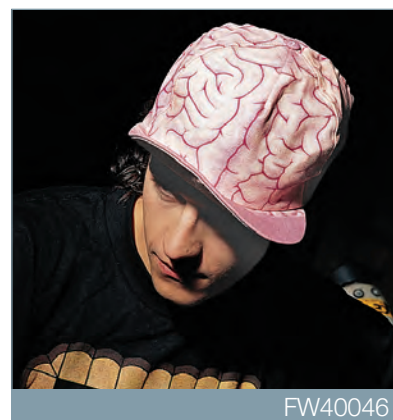
FW40008

FW40008
Key Ring Knee



FW10700

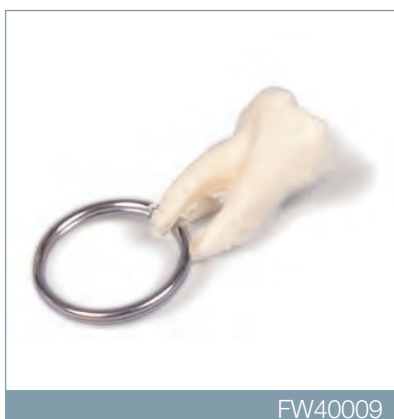
FW10700
Key Ring Knee



FW40046

FW40046
Magic Thinking Cap

This cap doesn't make you any cleverer but you'll surely stand out in a crowd. 100% cotton, one size fits all.



FW40009

FW40009
Key Ring Molar



FW10701

FW10701
Injection Pen



FW40048

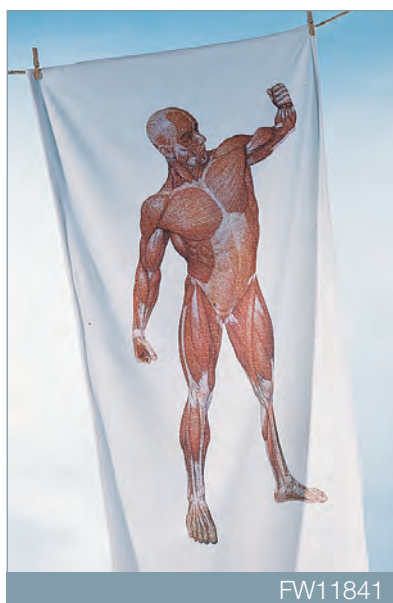
FW40048
Jumbo-Sized Lumbar Mug



FW10652

FW10652
Goggle Eye Glasses

Fun-glasses made of metal with UV400 protection. With excellent holographical effect by action of light. (Clear view through glass is guaranteed). Diameter 4.5 cm.



FW11841

FW11841
Bath towel "Muscleman"



FW41011 - FW41012

122 FUN PRODUCTS



FW41014

FW41011 Anatomical T-Shirt Skeleton, XL

100% pre-shrunk cotton

FW41012 Anatomical T-Shirt Skeleton, L

100% pre-shrunk cotton

FW41013 Anatomical T-Shirt Musculature, XL

100% pre-shrunk cotton



FW41017 - FW41018

FW41014 Anatomical T-Shirt Musculature, L

100% pre-shrunk cotton



FW41015 - FW41016

FW41015 Anatomical T-Shirt Eye, XL

100% pre-shrunk cotton

FW41016 Anatomical T-Shirt Eye, L

100% pre-shrunk cotton



FW41019 - FW41020

FW41017 Anatomical T-Shirt Heart, XL

100% pre-shrunk cotton

FW41018 Anatomical T-Shirt Heart, L

100% pre-shrunk cotton



FW41017 - FW41018

FW41019 Anatomical T-Shirt Nervous System, XL

100% pre-shrunk cotton

FW41020 Anatomical T-Shirt Nervous System, L

100% pre-shrunk cotton

FUN PRODUCTS 123



FW41029 - FW41030

FW41029
Anatomical T-Shirt
Tooth, XL

100% pre-shrunk cotton

FW41030
Anatomical T-Shirt
Tooth, L

100% pre-shrunk cotton

FW41031
Anatomical T-Shirt
Spine, XL

100% pre-shrunk cotton



FW41039 - FW41040

FW41032
Anatomical T-Shirt
Spine, L

100% pre-shrunk cotton

FW41037
Anatomical T-Shirt
Pregnancy, XL

100% pre-shrunk cotton

FW41038
Anatomical T-Shirt
Pregnancy, L

100% pre-shrunk cotton



FW41099



FW41031 - FW41032



FW41037 - FW41038

FW41039
Anatomical T-Shirt
Brain, XL

100% pre-shrunk cotton

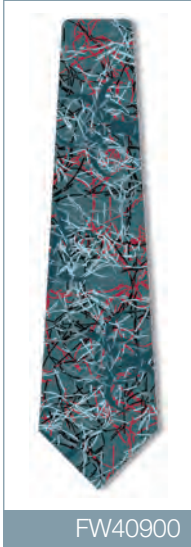
FW41040
Anatomical T-Shirt
Brain, L

100% pre-shrunk cotton

FW41099
Anatomical T-Shirt "I'm
going one step further,
XL

100% pre-shrunk cotton

124 FUN PRODUCTS



FW40900
Silk Necktie Anthrax:
Grey/Red

FW40901
Silk Necktie Anthrax:
Black/Red

FW40906
Silk Necktie Giardia:
Grey

FW40907
Silk Necktie Giardia: Tan

FW40908
Silk Necktie Dental
Plaque: Grey



FW40912

FW40913

FW40909
Silk Necktie Dental
Plaque: Blue



FW40912
Silk Necktie Ebola: Red

FW40913
Silk Necktie Ebola:
Black

FW40914
Silk Necktie Ebola: Grey

FW40915
Silk Necktie Syphilis:
Blue

FW40917
Silk Necktie
Tuberculosis: Blue



FW40914

FW40915

FW40918
Silk Necktie
Tuberculosis: Red

FW40919
Silk Necktie
Gonorrhea: Blue

FW40920
Silk Necktie
Gonorrhea: Grey

FW40921
Silk Necktie Herpes: Blue

FW40922
Silk Necktie Herpes: Tan

FW40923
Silk Necktie Influenza:
Red



FW40908

FW40909



FW40917

FW40918

FUN PRODUCTS 125



FW40919



FW40920

FW40924
Silk Necktie Influenza:
Grey

FW40925
Silk Necktie Plague:
Yellow

FW40926
Silk Necktie Plague: Red

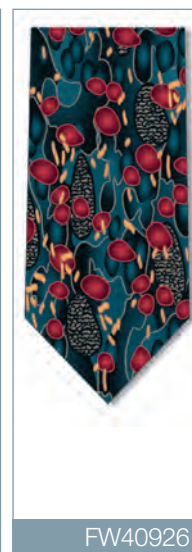
FW40927
Silk Necktie Staph: Blue

FW40928
Silk Necktie Staph: Red

FW40929
Silk Necktie Staph:
Yellow



FW40925



FW40926



FW40921



FW40922

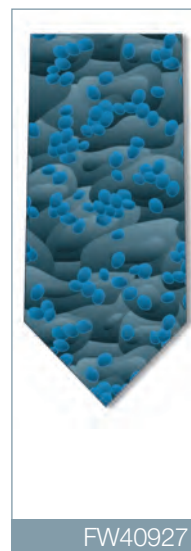
FW41060
Sport-Skeleton-Necktie,
black, Silk

FW41061
Sport-Skeleton-Necktie,
red, Silk

FW41062
Sport-Skeleton-necktie,
grey, Silk

FW41063
Necktie Spine, black,
Silk

FW41064
Necktie "Eating
skeleton", red, Silk



FW40927



FW40928

FW41065
Necktie "No Smoking",
blue, Silk

FW41066
Silk Necktie "Going one
step further", pink

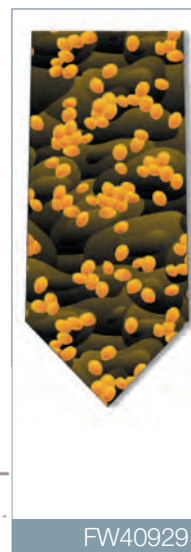
FW41067
Silk Necktie "Going one
step further", black



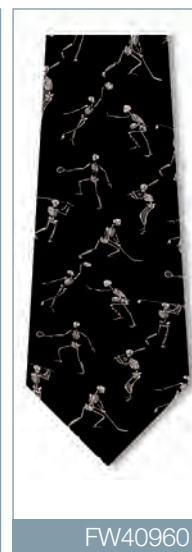
FW40923



FW40924



FW40929



FW40960

 The Industrial Promoting Co., Ltd.
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