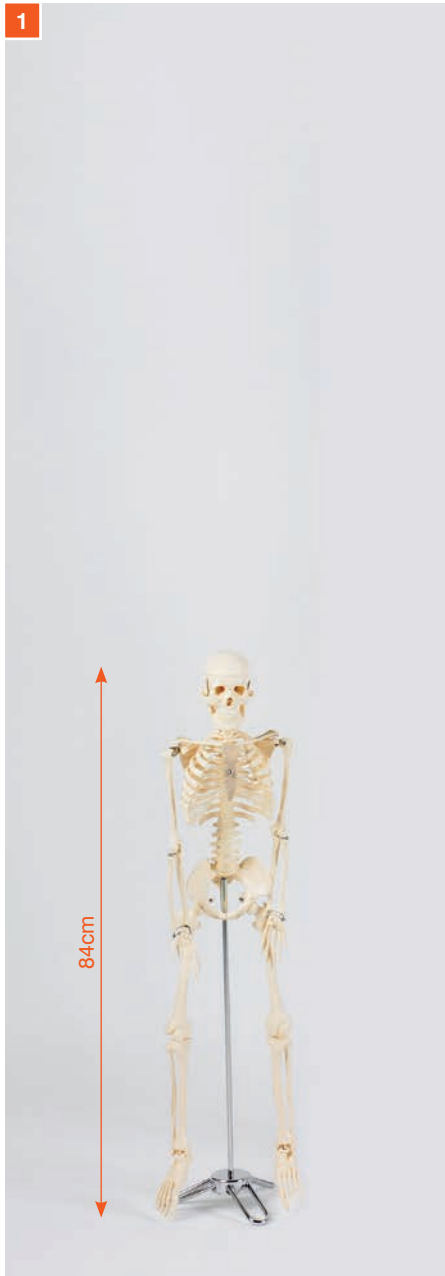


# Education

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### 1 Miniature Skeleton

Economical teaching skeleton is only 84cm tall. Ideal for educating patients about the skeletal system. Key card and metal stand included. Removable calvarium. Made of PVC plastic, wipes clean.

**091039296**



### 2 Life Size Skeleton

- Full skeleton complete with stand and dust cover
- Heavy-duty base
- The skull, arms and legs are detachable
- The skull is composed of 22 bones, transversely cut Calvarium and moveable mandible. 3 lower teeth - incisor, cuspid and molar are removable.
- 180cm tall
- Made of PVC plastic, wipes clean.

**091214295**



### 3 Life Size Skeleton Deluxe

This model helps students to understand the relationship between the human body figure and the skeleton. It can also be used for studying the morphology of bones and the construction of joints. Set in a standing posture, the joints of the upper and lower extremities are moveable. Skull is composed of 22 bones, transversely cut Calvarium and moveable mandible. 3 lower teeth - incisor, cuspid and molar are removable. Red painted parts represent muscle origins and blue painted areas represent muscle insertions. Made of PVC plastic, wipes clean. Joints with ligaments are not poseable.

**091317528**



1

**1 Deluxe Flexible Spine with Femur Heads and Painted Muscles**

Muscle origins (red) and insertions (blue) are painted on left innominate, femur and vertebrae. Height 83cm. Weight 2.3kg.

**091333905**



2

**2 Classic Flexible Spine with Femur Heads**

Height 83cm. Weight 2.1kg.

**091333897**



3

**3 Life Size Vertebral Column with Pelvis (flexible)**

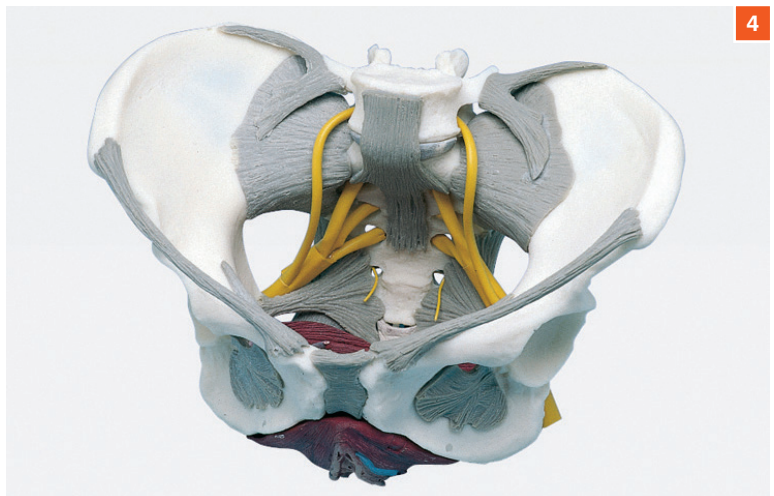
Height 83cm. Weight 2.1kg.

**091231133**

**4 Female Pelvis with Ligaments Nerves and Floor Muscles**

A pelvis of synthetic bone-like material with a highly detailed and dissectible pelvic floor in carefully coloured flexible material, comprising genitalia and associated muscles. Weight 1kg.

**091231653** 27×20×18cm



4

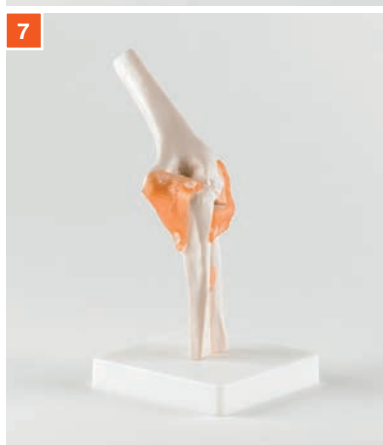
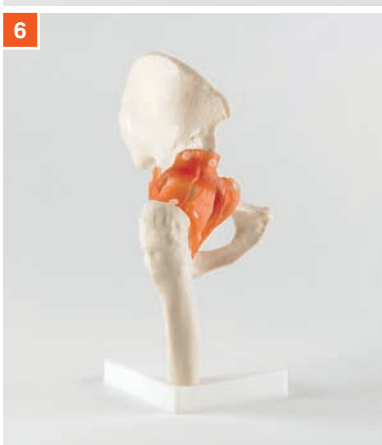
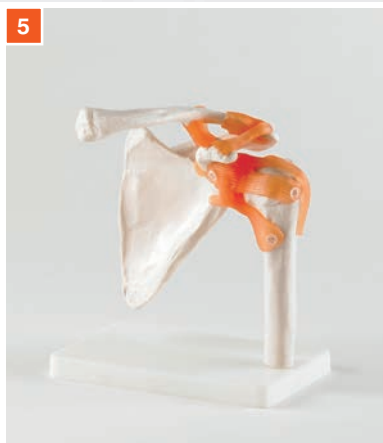
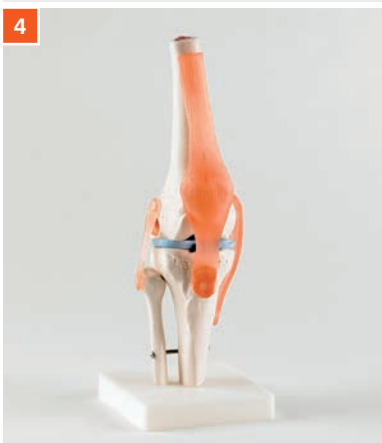
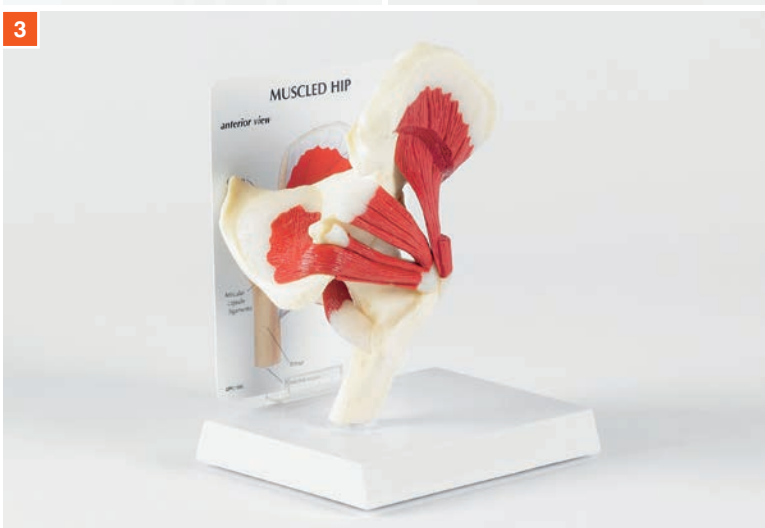
**5 Life-Size Skull with Coloured Bones**

Bones painted in different colours for precise study. Comprises of 22 pieces of bone with serrated suture lines marked out. Transversely cut Calvarium shows the interior structures of the skull. Moveable mandible. Three removable lower teeth - incisor, cuspid and molar. Dissects into 3 parts. Made of PVC Plastic, wipes clean. Dimensions: 19×15×21cm.

**091420041**



5



## 1 Muscled Shoulder Joint

Full size normal right shoulder includes: infraspinatus, subscapularis, supraspinatus, and teres major and minor muscles; acromion, clavicle, humerus and scapula bones; plus 8 ligaments and tendons.

Model Size: 12.7cm-1.3cm × 15.2cm × 15.2cm.

**091394071**

## 2 Muscled Knee Joint

Full size normal right knee includes: rectus femoris, vastus lateralis and vastus medialis muscles; femur, fibula, patella and tibia bones; anterior cruciate ligament, quadriceps femoris tendon plus 6 more ligaments and tendons.

Model Size: 7.6cm-1.2cm × 7.6cm × 25.4cm.

**091394063**

## 3 Muscled Hip Joint

Full size normal right hip with femur portion includes: gluteus medius, gluteus minimus, iliacus, inferior and superior gemellus, obturator internus, piriformis and psoas muscles; and articular capsule ligaments.

Model Size: 12.7cm × 10.1cm-1.9cm × 20.3cm-0.6cm.

**091214220**

## LIFE-SIZE JOINTS

### 4 Life-Size Knee Joint

Demonstrates flexion, extension and internal/external rotation. Includes flexible, artificial ligaments. Made of PVC plastic, wipes clean. Life-size, on stand. Dimensions: 17 × 14.5 × 29.5cm.

**091420140**

### 5 Life-Size Shoulder Joint

An instructional model to illustrate abduction, adduction, anteversion, retroversion and internal/external rotation. Includes flexible, artificial ligaments. Made of PVC plastic, wipes clean. Life-size, on stand. Dimensions: 17.5 × 11.5 × 20cm.

**091420124**

### 6 Life-Size Hip Joint

Demonstrates anteversion, retroversion, abduction and internal/external rotation. Includes flexible, artificial ligaments. Made of PVC plastic, wipes clean. Life-size, on stand. Dimensions: 25 × 19 × 30cm.

**091420132**

### 7 Life-Size Elbow Joint

Demonstrates flexion, extension and internal/external rotation. Includes flexible, artificial ligaments. Made of PVC plastic, wipes clean. Life-size, on stand. Dimensions: 17 × 14.5 × 24cm.

**091420157**

**£ PRICES**  
For up-to-date prices please see our Website, alternatively contact your Sales Representative or Customer Services.

## 1 Internal Hand Structure Model, 3-Part

This full-size model shows the superficial structures of the back of the hand and also the internal hand structures, including bones, muscles, tendons, ligaments, arteries (superficial and deep palmar arches) and nerves. Palmar aponeurosis and plate of the superficial flexor tendons are removable. Parts numbered.

091335736

## 2 Dissectible Muscled Leg - 9 Part

This model illustrates both the superficial and deeper muscles, eight of which are removable. Tendons, blood vessels, nerves and bone components of the left leg and foot are shown in great detail. Delivered on removable stand.

091335751

## 3 Life-Size Foot Joint

Demonstrates all foot functionality and the external anatomical structures. Made of PVC plastic, wipes clean.

091211671

## 4 Life-Size Hand Joint

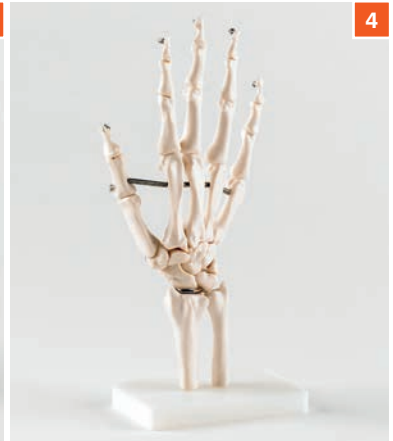
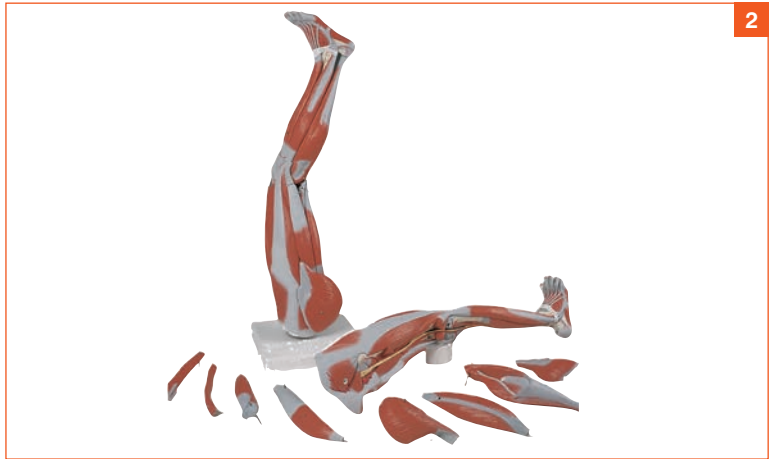
Demonstrates all hand functionality and the external anatomical structures. Made of PVC plastic, wipes clean.

091274893

## 5 Life-Size Foot Joint with Ligaments

Demonstrates all foot functionality and the external anatomical structures. Includes flexible artificial ligaments. Made of PVC plastic, wipes clean. Complete with base.

091420090



These models are designed as visual aids for teaching physiology and hygiene courses. They help the students to understand the anatomical structure of the head, neck and internal organs of the human body. The models show the relative positions, morphological characters and anatomical structures of the head, neck and internal organs with special reference to respiratory, digestive, urinary and nervous systems.

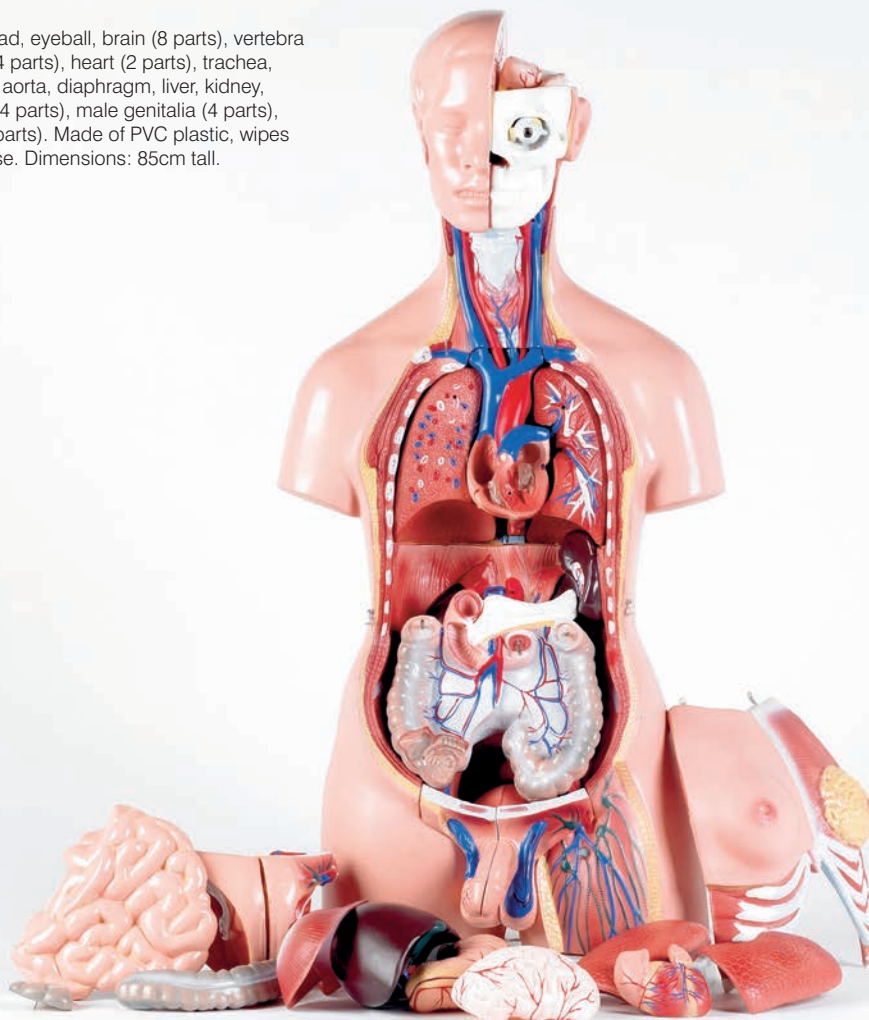
## 1 Unisex Torso

### Includes 40 parts:

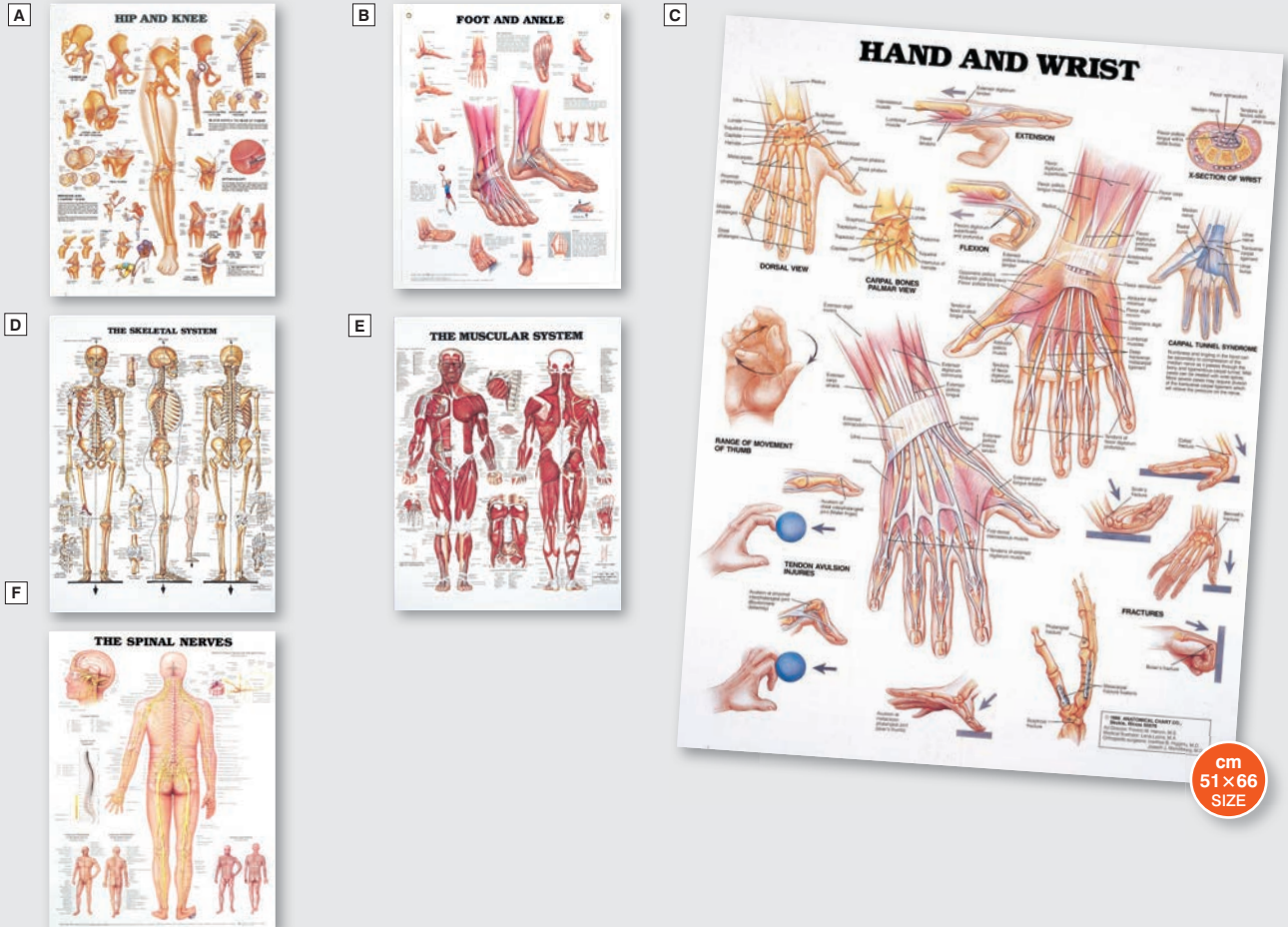
Torso, female breast plate, head, eyeball, brain (8 parts), vertebra spinal nerves (4 parts), lung (4 parts), heart (2 parts), trachea, oesophagus and descending aorta, diaphragm, liver, kidney, stomach (2 parts), intestines (4 parts), male genitalia (4 parts), female genitalia with fetus (3 parts). Made of PVC plastic, wipes clean. Mounted on plastic base. Dimensions: 85cm tall.

091420058

40  
PARTS



1 Charts of Basic Anatomy



cm  
51x66  
SIZE

Anatomical Charts - These sturdy, full-colour charts provide accurate scientific content in a convenient format. Flexible plastic lamination with metal eyelets in each top corner for wall hanging. Markable write on/wipe off material ideal for studying, training, client education and demonstrations. All charts measure 51cm×66cm.

- 081195726 **A** Hip and Knee Chart
- 091030873 **B** Foot and Ankle Chart
- 091039338 **C** Hand and Wrist Chart
- 091030881 **D** Skeletal System Chart
- 091030865 **E** Muscular System Chart
- 091230853 **F** Spinal Nerves Chart

2 Charts of Muscular System



cm  
85x60  
SIZE

091230960 **A** Muscle Attachments Anterior Chart

## ANATOMY AND FUNCTION OF THE WRIST AND HAND

### MOVEMENTS OF THE WRIST

**Mid Position**

**Extension**  
Extensor Carpi Radialis Longus,  
Extensor Carpi Radialis Brevis,  
Extensor Carpi Ulnaris.

**Flexion**  
Palmaris Longus,  
Flexor Carpi Ulnaris,  
Flexor Carpi Radialis.

**Supination**  
Supinator,  
Supinator.

**Mid Position**

**Pronation**  
Pronator Teres,  
Pronator Quadratus.

**Ulnar Deviation**  
Flexor and Extensor Carpi Ulnaris.

**Radial Deviation**  
Abductor Pollicis Longus,  
Extensor Pollicis Longus & Brevis,  
Flexor Carpi Radialis,  
Extensor Carpi Radialis Longus & Brevis.

• The hand is capable of numerous movements depending on the skill being performed.

• A large part of the brain is devoted to the control of hand function via the nerves, vessels and tendons.

### MAJOR NERVES AND ARTERIES

**PALMAR VIEW**

**DORSAL VIEW**

**CUTANEOUS NERVE SUPPLY TO THE HAND**

**PALMAR VIEW**

**DORSAL VIEW**

### MAIN GRIPPING ACTIONS

#### PRECISION GRIP (PINCH GRIP)

- The precision grip or pinch grip involves the small interlocking of the thumb against the side of the index finger to create a firm, controlled, sensitive, forceful grip.
- Characteristics include:
  - Wrapping
  - Flexing the thumb
  - Flexing up to a small degree
  - An increase in pressure with stability and precision of the hand is provided by the wrist, elbow and shoulder.

#### POWER GRIP

- The power grip of the fingers and thumb are flexed around the object to give the strength required to maintain the grip.
- It is used to hold up a small object and is a variation of precision grip.
- Characteristics include:
  - Wrapping
  - Flexing the thumb
  - Flexing up to a small degree
  - An increase in pressure with stability and precision of the hand is provided by the wrist, elbow and shoulder.

#### HOOK GRIP

- The hook grip involves using the thumb to hook around the object to give the strength required to maintain the grip.
- It is used to hold up a small object and is a variation of precision grip.
- Characteristics include:
  - Wrapping
  - Flexing the thumb
  - Flexing up to a small degree
  - An increase in pressure with stability and precision of the hand is provided by the wrist, elbow and shoulder.

#### KEY GRIP (PINCH GRIP)

- The key grip or power grip is a variation of precision grip in which the thumb is used to hook around the object to give the strength required to maintain the grip.
- It is used to hold up a small object and is a variation of precision grip.
- Characteristics include:
  - Wrapping
  - Flexing the thumb
  - Flexing up to a small degree
  - An increase in pressure with stability and precision of the hand is provided by the wrist, elbow and shoulder.

## 1 Chartex Anatomical Charts

- A2 size and encapsulated in plastic film, ideal for use where posters need to be wiped and cleaned.
- Illustrated in full colour
- Shows major anatomical structures of each joint, including; bones, ligaments, tendons and muscles
- Provides information about 'activities of daily living'
- Essential information for the professional and patient alike
- A reference for explanation, learning and understanding
- Ideal for physiotherapists, fitness instructors, doctors, nurses and students

- 091224591 **A** Wrist & hand
- 091212992 **B** Ankle joint & foot
- 091224773 **C** Shoulder
- 091224971 **D** Knee
- 091226554 **E** Hip
- 091224617 **F** Spine

### ANATOMY OF THE ANKLE JOINT & FOOT

### ANATOMY OF THE SHOULDER JOINT

### ANATOMY OF THE KNEE JOINT

### ANATOMY OF THE HIP JOINT

### ANATOMY OF THE SPINE

### The Original McKenzie® Treat Your Own... Book Series

These easy-to-read patient handbooks provide the reader with an active self-treatment plan to quickly and effectively treat and prevent the return of pain. Written by Robin McKenzie an Honorary Life Member of the American Physical Therapy Association, these books contain his own personal findings and rehabilitation exercise programs and distills the essence of the "McKenzie Method of Mechanical Diagnosis and Therapy"® (MDT), as taught to medical professionals worldwide, in an easily accessible format, direct to the sufferer, without recourse to a clinician.

#### 1 Treat Your Own Back

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**091230788**

#### 2 Treat Your Own Neck

This book addresses many of the problems associated with neck related pain, including headaches and shoulder pain. It outlines active patient exercise and prevention programmes for various types of neck pain. It provides education and understanding to help prevent recurrence of symptoms. ISBN 978-0-9582692-9-2.

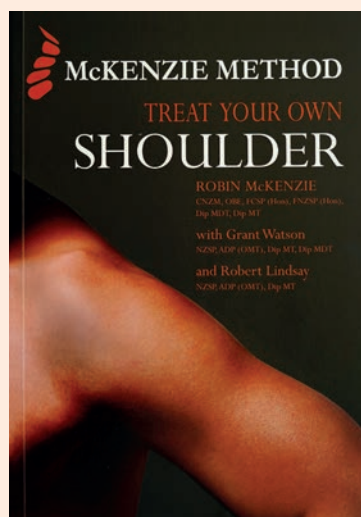
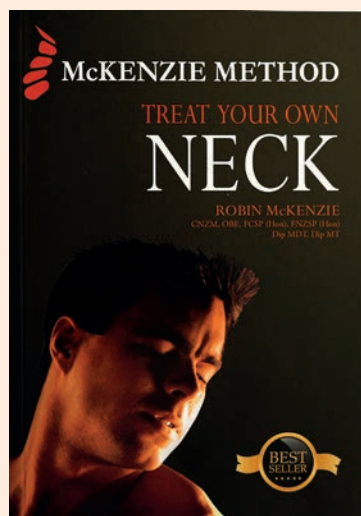
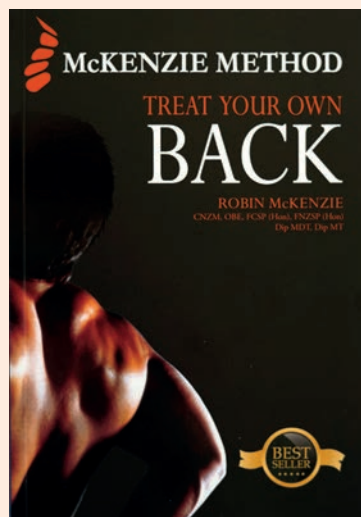
**091230762**

#### 3 Treat Your Own Shoulder

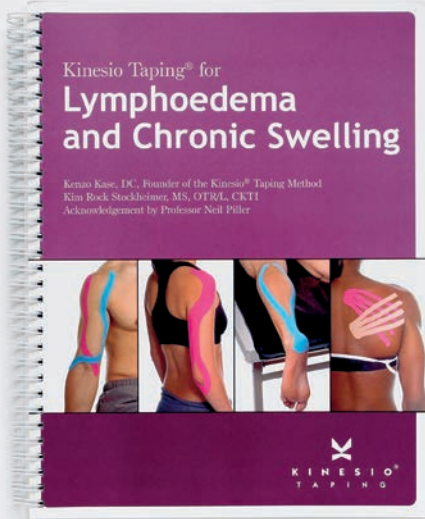
This easy to follow patient hand book provides the reader with an active self treatment plan to assist in resolving and managing shoulder pain. The book clearly explains how to identify whether the pain is coming from the neck or the shoulder.

ISBN 978-0-9582692-5-4.

**091312172**



1



**1 Kinesio Taping for Lymphoedema and Chronic Swelling**

This book will show you step-by-step, easy to read, full colour instruction for over 108 common and not so common kinesio tape applications associated with lymphoedema, chronic swelling and scar management. Chapters include:

- Understanding lymphoedema and chronic swelling
- Fundamentals of kinesio tex taping
- Kinesio taping for acute localised swelling
- Kinesio taping of the deep lymphatic pathways for chronic swelling
- Kinesio taping of the collector lymphatics for acute or chronic swelling
- Kinesio taping of the superficial lymphatic pathways for chronic swelling
- Kinesio taping for pitting odema, indurated tissue, scar tissue and chronic venous conditions

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**081333038**

**2 Illustrated Kinesio Taping (4th Edition)**

A comprehensive, illustrated, step-by-step guide for kinesio taping coverage includes:

- Shoulder Girdle
- Trunk
- Pelvic girdle

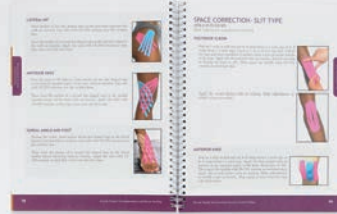
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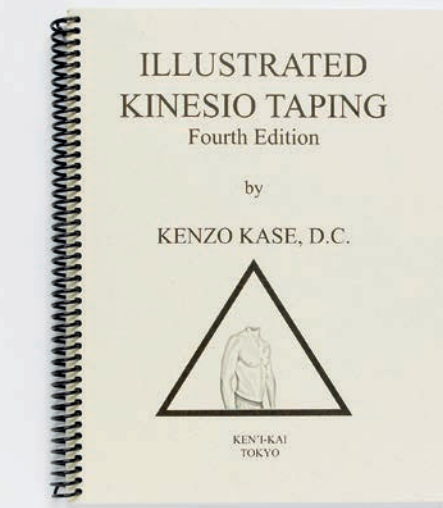
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