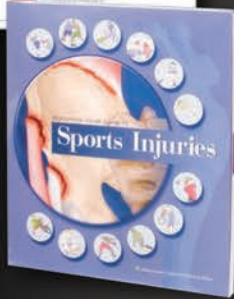


ANATOMICAL CHART COMPANY



- Medical-quality charts, posters, models, study guides, and more
- Durable, lifelike, 3-dimensional replicas
- Accurate, comprehensive reference tools in every specialty area
- Clear, succinct, and appropriately labeled aids



Wolters Kluwer





ANATOMICAL CHART COMPANY

Table of Contents

- 4 Anatomical Charts & Posters
- 27 Anatomical Chart Collections
- 31 Reference Materials & Study Aids
- 35 Pediatric/Elementary Reference Materials
- 36 Alternative Therapy Resources
- 38 Nutrition Resources
- 39 Health Education Resources
- 41 Training Aids & Simulators
- 42 Anatomical Models
- 58 Skeletal Models
- 75 Gifts
- 76 Index

Look for these icons for special values and features



Newly Updated
resources that reflect new findings and enhancements



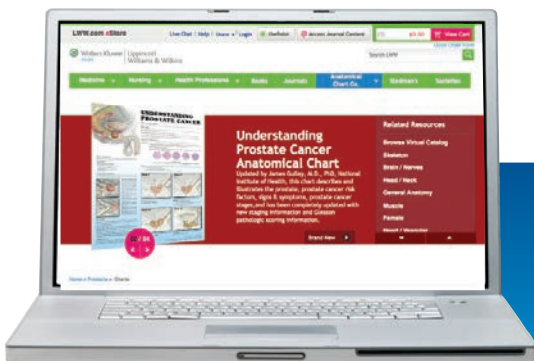
Available in Spanish
to facilitate bilingual understanding



Save!
special sets and collections at reduced prices



Cross Reference
directions to additional, related resources



Educate patients and staff easily and cost efficiently

with essential aids for every clinical setting. **Patients** take greater responsibility for their self care to diminish the likelihood of readmission. **Clinical personnel** rapidly advance their knowledge with inservice support that meets your highest quality standards. And you accomplish it all at a price point that fits easily within your budget.

Clear, succinct, and appropriately labeled, Anatomical Chart Company aids have proven their effectiveness with demanding professionals in every health care specialty — from empowering patients to make a greater investment in their health to preparing staff for challenging certification exams.

Ordering is EASY!

- Go to www.lww.com/anatomical 24 hours a day, 7 days a week.
- Call Toll Free **1-800-621-7500** Monday through Friday, 8:30 a.m. to 5 p.m. Eastern Standard Time. Please have your credit card (or purchase order number) ready.

Receive timely announcements right in your in-box.

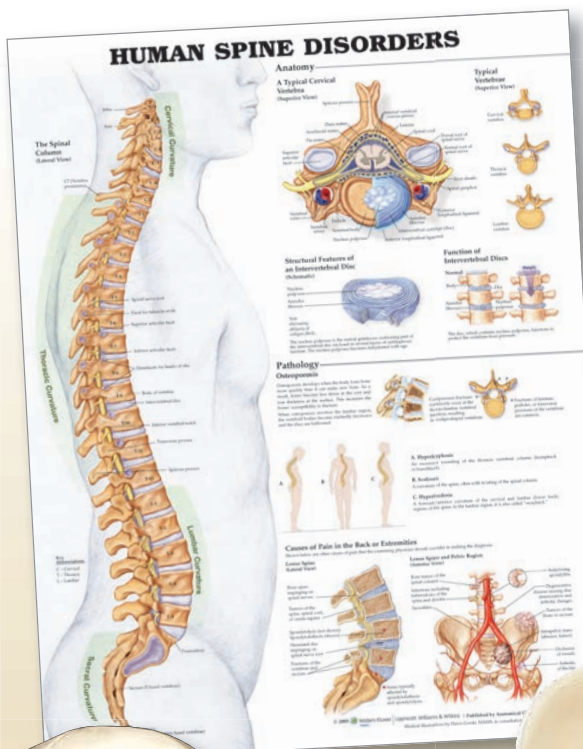
Simply go to www.lww.com/updates and register to receive e-mail notices of Web-only price reductions, new resources, and other exclusive opportunities.

Use Anatomical Chart images in your materials.

Learn about licensing opportunities at our Website, <http://images.wkhealth.com>.

Choose from hundreds of lifelike 3-dimensional models, comprehensive reference tools, and novelties to enhance your classroom, office, or exam room today!

Essential Aids for Focused Learning, Rapid Comprehension, and Quick Reference



Human Spine Disorders Chart
See page 6



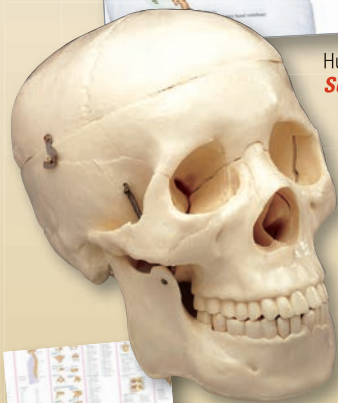
Budget Vertebral
Column Model
See page 61

Anatomical Chart Company helps you connect more effectively, whether you're teaching patients about disorders to achieve better compliance — or helping staff advance their knowledge and prepare for certification exams. Interactivity... vibrant, interesting colors... accuracy in every detail... and clear, succinct commentary help you meet your goals.

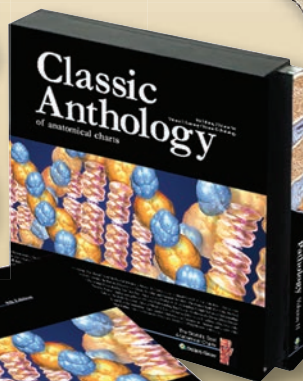
Choose from ...

- **full-color charts**
- **3-Dimensional models**
- **CD-ROMs**
- **pocket guides**
- **reference materials**
- **multi-lingual learning aids**
- **mobile device software**

...and more!



Budget Skull



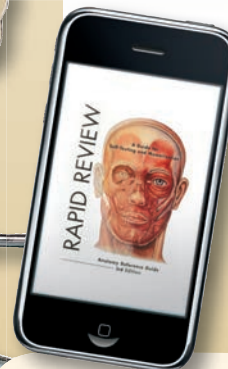
The Vertebral Column and Spine Disorders Study Guide,
2nd Edition

Classic Anthology of Anatomical Charts,
8th Edition, 2-Volume Set

See page 64

See page 31

See page 30



Rapid Review Refer-
ence Guide Online
Deliverable

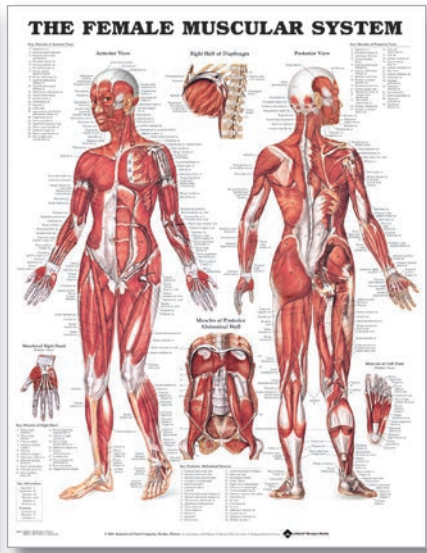
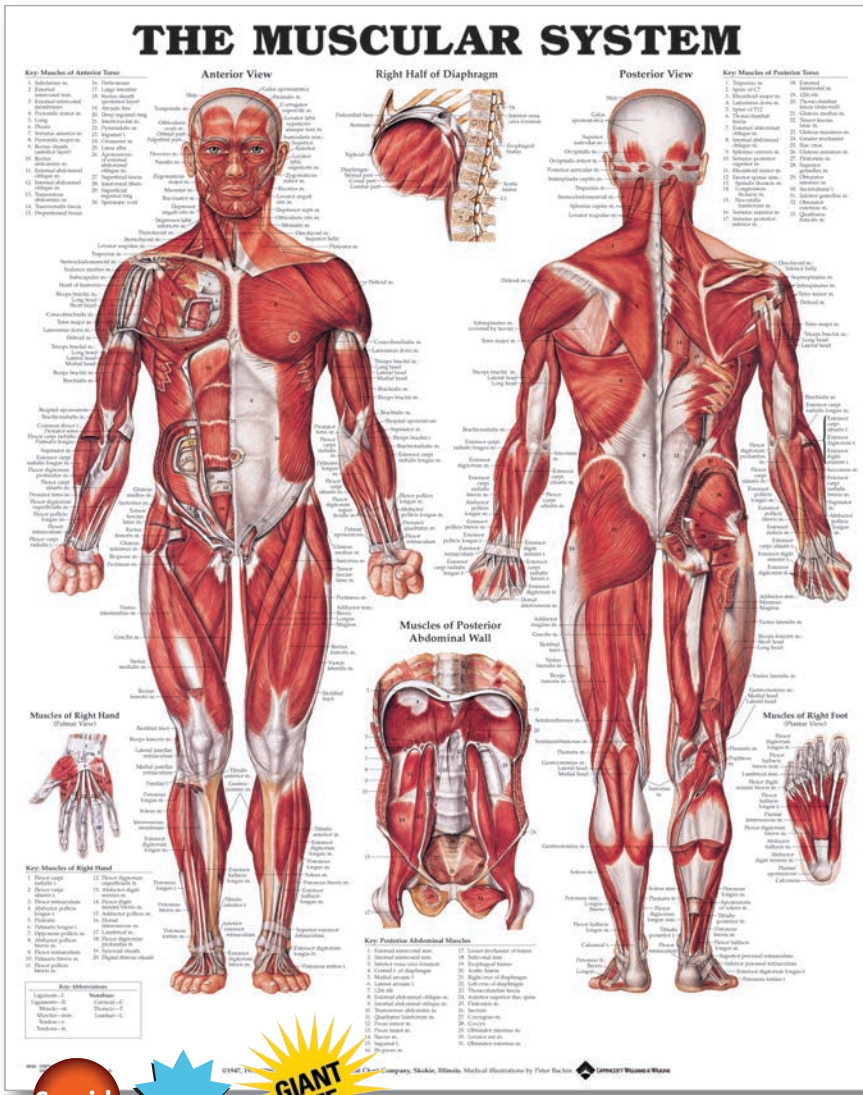
See page 31

Customers rate Anatomical
Chart Company products



**"All the info
you'll ever need!"**

Michael, Ireland



B.

Customers rate Anatomical Chart Company products

★★★★★

"Excellent!"

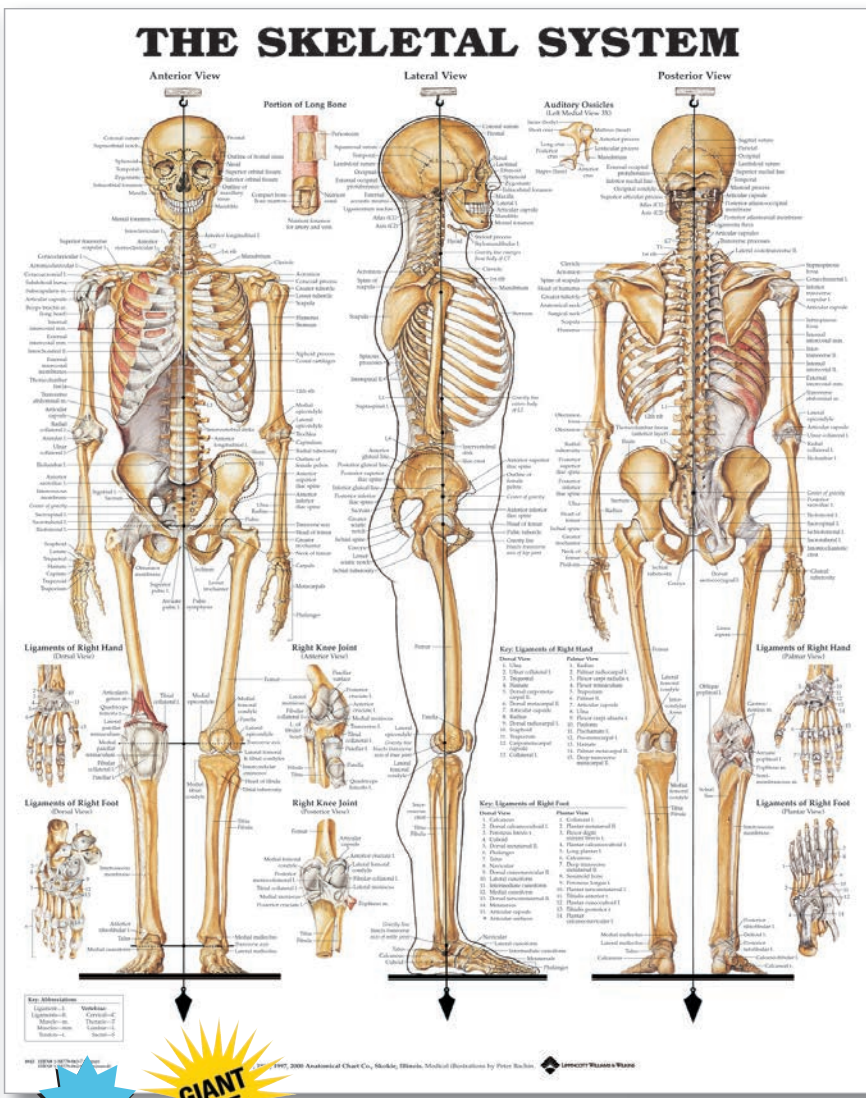
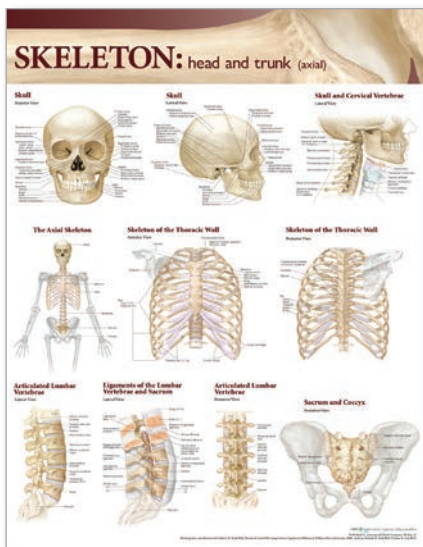
Jose, Puerto Rico

Poster sizes and materials

- **Heavy paper**, 20" x 26" (50.8cm x 66cm), is ideal for framing or tacking on a wall.
- **Plastic laminate**, 20" x 26" (50.8cm x 66cm), offers flexibility, durability, and metal eyelets at top corners for hanging or portable-stand display. Write-on/wipe-off surface is perfect for classrooms and offices.
- **Latex-free styrene plastic**, 19-3/4" x 26", (50.16cm x 66cm), has UV-resistant coating for color protection on durable, non-flexible, heavy-weight plastic. With write-on/ wipe-off surface and convenient eyelets for hanging.
- **Giant**, 42" x 62" (106.7cm x 157.5cm), printed on sturdy tear-resistant light-weight plastic that's ideal for demonstrations and lecture halls. With three eyelets for easy hanging.
- **3-Dimensional**, 18" x 25" (45.7cm x 63.5cm) made of durable, lightweight, non-toxic, recyclable plastic.

A. **Spanish** **3-D** **GIANT SIZE**

- **Just the right level of detail** for medical professionals, patients, students, and other specialists
- **At-a-glance format** that speeds learning
- **Clearly labeled anatomical features** that eliminate confusion
- **Striking, colorful images** that capture and hold attention
- **Enlarged views** of key organs and structures
- **And each chart and model is comprehensive**, allowing for complete learning that's always enjoyable and accessible — never overwhelming.



3-D **GIANT SIZE**

A. 8946 The Muscular System
 978-1-58779-035-5 Laminated.....
 978-1-58779-683-8 Styrene Plastic.....
 978-1-58779-036-2 Paper.....
 978-1-58779-981-5 Giant.....
 978-1-58779-996-9 Laminated (Spanish).....
 978-1-58779-995-2 Paper (Spanish).....
 978-1-58779-038-6 3-Dimensional.....

B. 8947 The Female Muscular System
 978-1-58779-565-7 Laminated.....
 978-1-58779-563-3 Paper.....

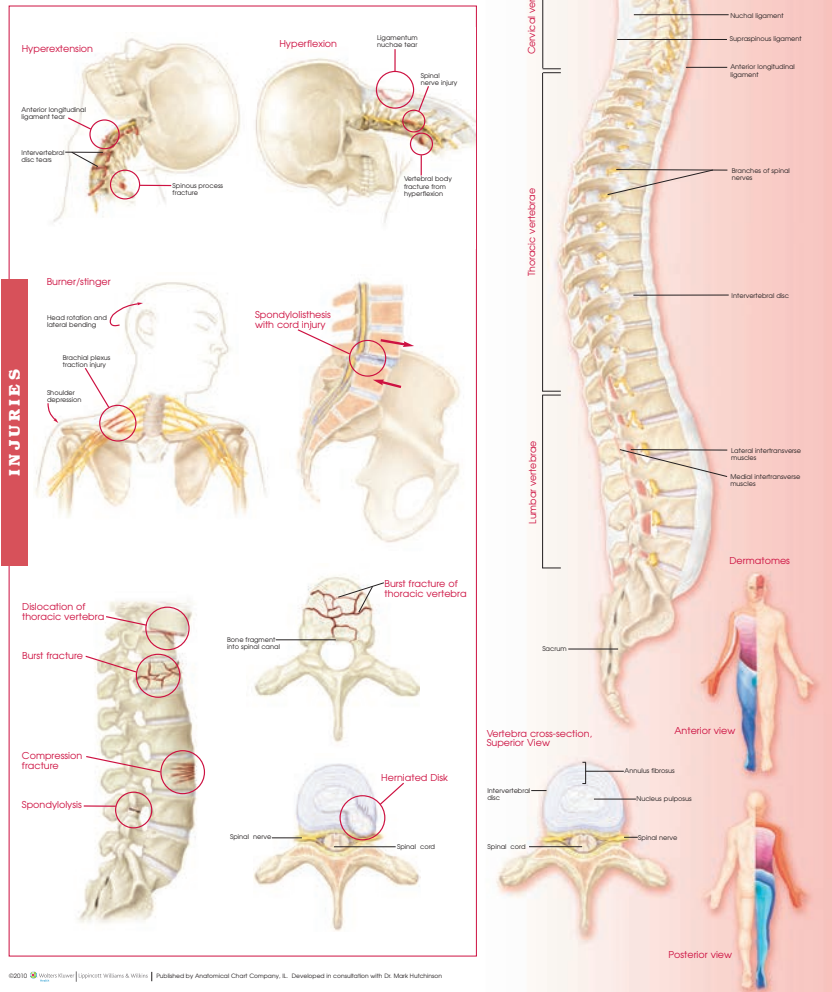
C. LWW Atlas of Anatomy Skeletal System Chart: Head and Trunk
 978-0-7817-8654-6 Laminated.....
D. LWW Atlas of Anatomy Skeletal System Chart: Upper and Lower Limbs
 978-0-7817-8653-9 Laminated.....

E. 8943 The Skeletal System
 978-1-58779-062-1 Laminated.....
 978-1-58779-682-1 Styrene Plastic.....
 978-1-58779-063-8 Paper.....
 978-1-58779-982-2 Giant.....
 978-1-58779-065-2 3-Dimensional.....

LWW Atlas of Anatomy Skeletal System Chart Set
 978-0-7817-8641-6.....

SAVE

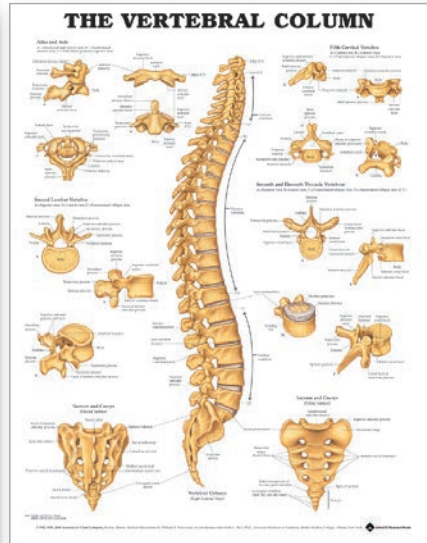
ANATOMY AND INJURIES OF THE SPINE



A.

- A. 6669 Anatomy and Injuries of the Spine**
 978-0-7817-8667-6 Laminated.....
 978-0-7817-8666-9 Paper.....
- B. 9850 The Vertebral Column**
 978-1-58779-210-6 Laminated.....
 978-1-58779-689-0 Styrene Plastic.....
 978-1-58779-211-3 Paper.....
- C. 9881 Understanding Osteoporosis, 2nd Edition**
 978-1-58779-759-0 Laminated.....
 978-1-58779-758-3 Paper.....
- D. 9970 Human Spine Disorders, 2nd Edition**
 978-1-58779-443-8 Laminated.....
 978-1-58779-465-0 Styrene Plastic.....
 978-1-58779-399-8 Paper.....

- E. 9991 The Human Skull**
 978-1-58779-167-3 Laminated.....
 978-1-58779-168-0 Paper.....
- F. 9990 Head and Neck**
 978-1-58779-147-5 Laminated.....
 978-1-58779-728-6 Styrene Plastic.....
 978-1-58779-148-2 Paper.....
- G. 9989 Whiplash Injuries of the Head and Neck**
 978-1-58779-375-2 Laminated.....
 978-1-58779-376-9 Paper.....
- H. 6706 Anatomy and Injuries of the Head and Neck**
 978-0-7817-8671-3 Laminated.....
 978-0-7817-8670-6 Paper.....

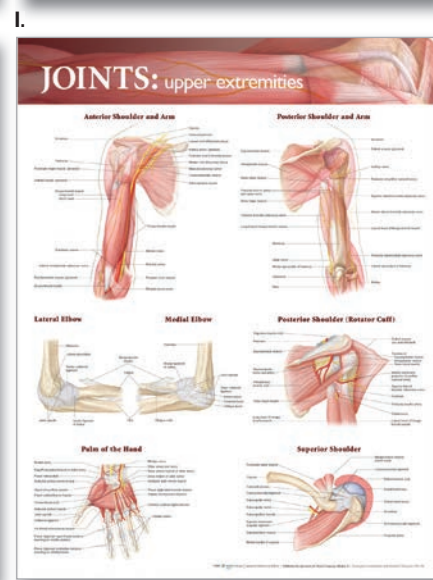
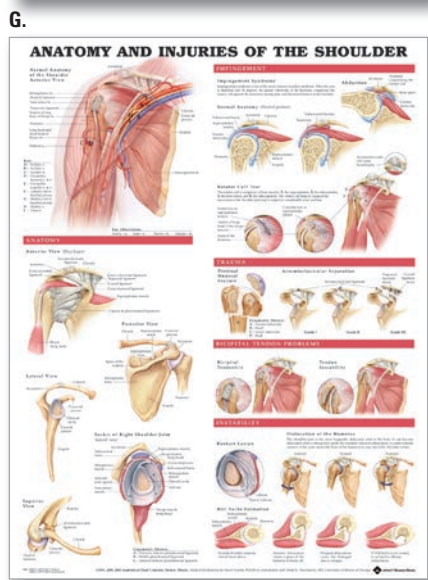
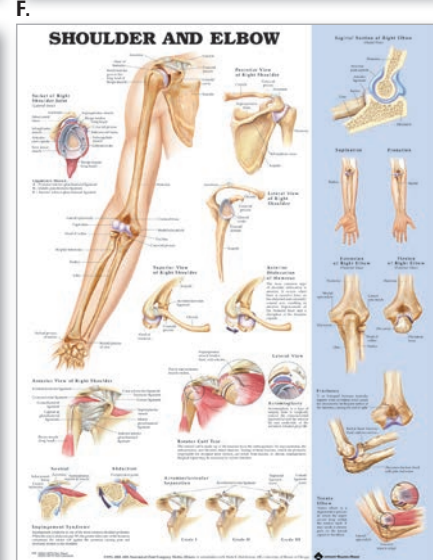
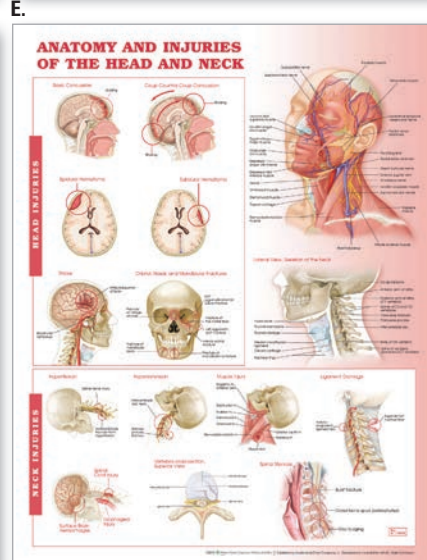
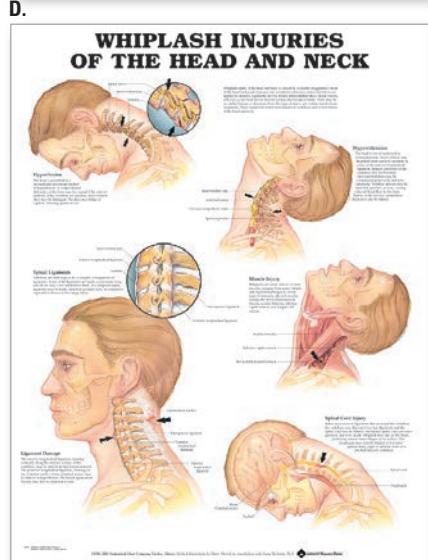
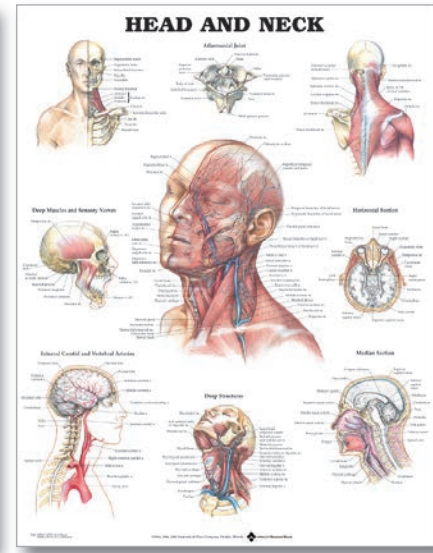
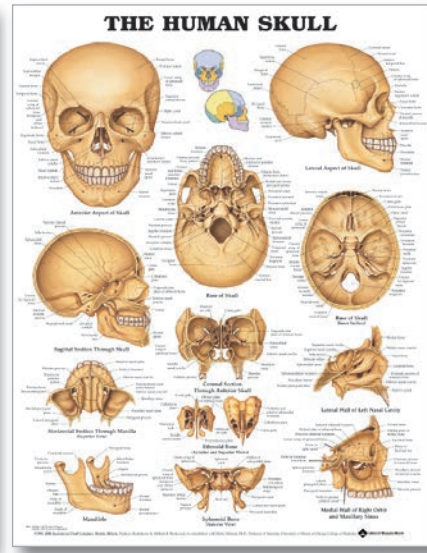
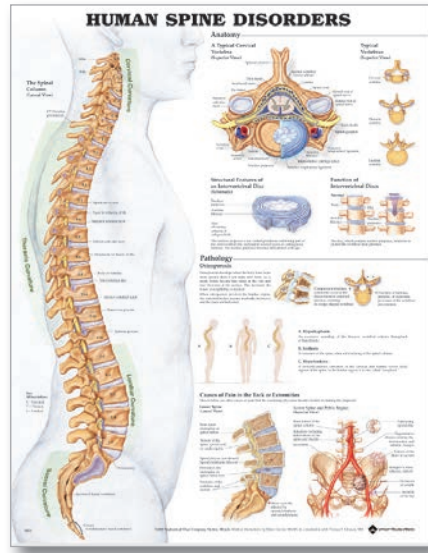


B.



C.

- I. 9799 Shoulder and Elbow**
 978-1-58779-755-2 Laminated.....
 978-1-58779-685-2 Styrene Plastic.....
 978-1-58779-754-5 Paper.....
- J. 9800 Anatomy and Injuries of the Shoulder**
 978-1-58779-808-5 Laminated.....
 978-1-58779-809-2 Styrene Plastic.....
 978-1-58779-807-8 Paper.....
- K. 6607 Joints of the Lower Extremities**
 978-0-7817-8663-8 Laminated.....
 978-0-7817-8660-7 Paper.....
- L. 6560 Joints of the Upper Extremities**
 978-0-7817-8657-7 Laminated.....
 978-0-7817-8656-0 Paper.....



KNEE INJURIES

Anterior View of Normal Knee
(Fibula removed)

Meniscus
The meniscus is a crescent-shaped piece of cartilage that lies between the femur and tibia. Each knee has two menisci, one medial and one lateral. Together, they cushion the joint by absorbing increased forces outward and away from the central anchor points of the menisci.

Meniscus Tears
Rotation of the femur on the tibia can distort the meniscus, pinching it between the femoral condyle and the outer edge of the tibia.

Types of Meniscus Tears
Oblique, Longitudinal, Radial, Degenerative tearing.

Symptoms of Damaged Menisci
With your hand on your knee, you may feel roughness during a range of motion. This commonly occurs when the femur is gliding across the meniscus during flexion or extension.

Locking usually occurs when a piece of torn cartilage or bone becomes wedged between the femur and tibia during a range of motion. This causes the knee to suddenly "lock."

Traumatic Knee Injuries
Ligament tear, Bone avulsion, Ligament sprain, Patellar dislocation.

Sports Related Ligament Injuries
Sudden posterior movement of the knee while the knee is flexed at 90 degrees may damage the posterior cruciate ligament.
Hyperextension of the knee joint can damage the anterior cruciate and tibial collateral ligaments.
Forceful external rotation of the foot in the "slap-kick" causes the knee to twist at the knee, putting excessive strain on the tibial collateral ligament. It can also cause partial or complete patellar instability.
A lateral blow to the knee while the foot is firmly planted may cause damage to the tibial and fibular collateral ligaments.

©1995, 2003 Anatomical Chart Company, Skokie, Illinois. In consultation with Mark R. Hall, MD, University of Illinois at Chicago.

Athletic Injuries of the Knee

Normal Anatomy

Injuries

Mechanisms of Injury

HIP AND KNEE

Hip Joint (acetabulum and femoral head)

Knee Joint (femur, tibia and fibula)

Measurement of the Hip and Knee

ANATOMY AND INJURIES OF THE HIP

The Hip Joint

Overview of the Hip Joint

Normal Anatomy

Disorders of the Hip Joint

HIP BONY STRUCTURES

Key Hip Injuries

Normal Hip Movements

Normal Hip Range of Motion

©1995, 2003 Anatomical Chart Company, Skokie, Illinois. In consultation with Mark R. Hall, MD, University of Illinois at Chicago.

Hip and Knee Inflammations

Normal Anatomy

Osteoarthritis (OA)

Rheumatoid Arthritis (RA)

Gout and Pseudogout

Bursitis

Spondyloarthritis

UNDERSTANDING ARTHRITIS

Joints Affected by Osteoarthritis (OA)

Joints Affected by Rheumatoid Arthritis (RA)

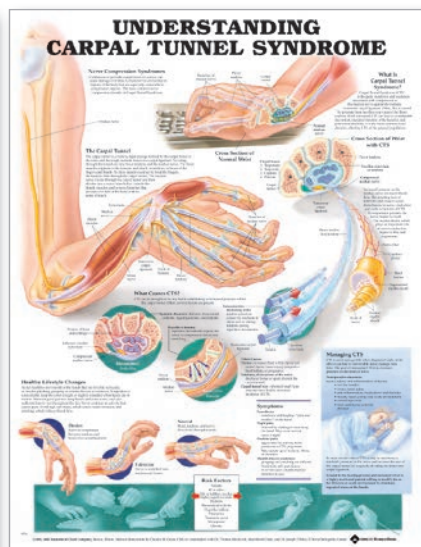
Other Arthritis Disorders

Common Pathways of Inflammation

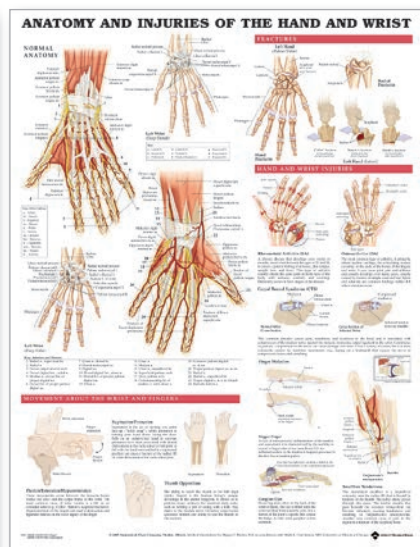
Spanish



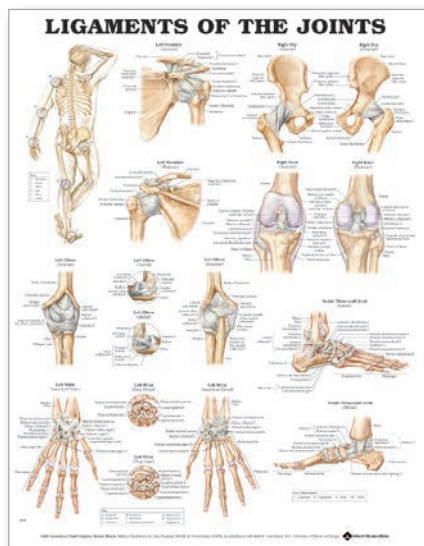
G.



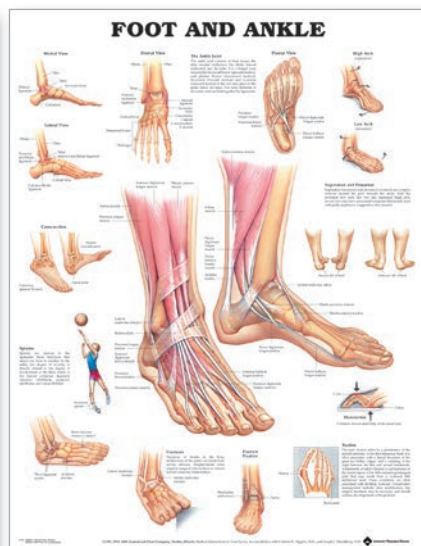
H.



I.



J.



K.



L.

- A. 9872 Knee Injuries**
- 978-1-58779-757-6 Laminated.....
- 978-1-58779-696-8 Styrene Plastic.....
- 978-1-58779-756-9 Paper.....
- B. 6720 Athletic Injuries of the Knee**
- 978-0-7817-8675-1 Laminated.....
- 978-0-7817-8672-0 Paper.....
- C. 9780 Hip and Knee, 2nd Edition**
- 978-1-58779-866-5 Laminated.....
- 978-1-58779-867-2 Styrene Plastic.....
- 978-1-58779-865-8 Paper.....
- D. 9802 Anatomy and Injuries of the Hip**
- 978-1-58779-383-7 Laminated.....
- 978-1-58779-382-0 Paper.....
- E. 9781 Hip and Knee Inflammations, 2nd Edition**
- 978-0-7817-7347-8 Laminated.....
- 978-0-7817-7345-4 Paper.....

- F. 9803 Understanding Arthritis**
- 978-1-58779-386-8 Laminated.....
- 978-1-58779-385-1 Paper.....
- 978-0-7817-7303-4 Laminated (Spanish).....
- 978-0-7817-7302-7 Paper (Spanish).....
- G. 9790 Hand and Wrist**
- 978-1-58779-142-0 Laminated.....
- 978-1-58779-694-4 Styrene Plastic.....
- 978-1-58779-143-7 Paper.....
- H. 9791 Understanding Carpal Tunnel Syndrome**
- 978-1-58779-321-9 Laminated.....
- 978-1-58779-322-6 Paper.....
- I. 9138 Anatomy and Injuries of the Hand and Wrist**
- 978-1-58779-914-3 Laminated.....
- 978-1-58779-913-6 Paper.....

- J. 9793 Ligaments of the Joints**
- 978-1-58779-467-4 Laminated.....
- 978-1-58779-710-1 Styrene Plastic.....
- 978-1-58779-466-7 Paper.....
- K. 9795 Foot and Ankle**
- 978-1-58779-137-6 Laminated.....
- 978-1-58779-686-9 Styrene Plastic.....
- 978-1-58779-138-3 Paper.....
- L. 8379 Anatomy and Injuries of the Foot and Ankle**
- 978-1-58779-838-2 Laminated.....
- 978-1-58779-839-9 Styrene Plastic.....
- 978-1-58779-837-5 Paper.....

LOW BACK PAIN

LOW BACK PAIN IS A COMMON AILMENT THAT AFFECTS MOST PEOPLE AT LEAST ONCE IN THEIR LIVES.

THE SPINE IS DESIGNED TO HOLD THE BODY UPRIGHT AND SERVE AS ITS PRIMARY SUPPORT. THE LOW BACK, WHICH INCLUDES THE LUMBAR CURVATURE OF THE SPINE, IS MADE UP OF BONES, MUSCLES, NERVES, LIGAMENTS, TENDONS AND INTERVERTEBRAL DISCS.

THIS PART OF THE ANATOMY HAS SO MANY COMPLEX MOVING PARTS, IT'S NO WONDER THAT IT REQUIRES SPECIAL CARE. THE BEST WAYS TO PREVENT BACK PAIN AND MAINTAIN A HEALTHY BACK ARE BY KEEPING MUSCLES STRONG AND FLEXIBLE, PRACTICING PROPER LIFTING TECHNIQUES AND MAINTAINING A HEALTHY BODY WEIGHT.

SAGITTAL VIEW OF LOWER SPINE

- Spinal cord (tends caudad)
- Tumor of the spinal cord
- Base spur impinging on spinal nerve
- Compressed disc
- Herniated disc impinging on spinal nerve, causing pain
- Nerve root can be irritated and set by posture

CAUSES AND RISK FACTORS

- Age - As people age, bone strength lessens, as do muscle elasticity and tone. The discs in between the vertebrae lose fluid and flexibility which decrease their ability to cushion spinal compression.
- Physically strenuous work - Back carrying, lifting, twisting, or other activities can be caused by lifting items that are too heavy or by using improper lifting techniques.
- Overweighting
- Physical condition - Due to factors such as sedentary life style or unhealthy amounts of exercise either too little or too much.

OTHER CONTRIBUTING FACTORS

- Obesity
- Inappropriate posture
- Poor sleeping position
- Exercising upon waking immediately
- Smoking
- Anxiety and/or depression
- Build up of stress that causes muscle tension

OTHER CONTRIBUTING FACTORS

- ability to perform tasks well at home or work
- Immobility
- Depression

BACK PAIN CAN INDICATE A SERIOUS CONDITION AND CAN BE ACCOMPANIED BY OTHER SYMPTOMS SUCH AS UNWARRANTED WEIGHT LOSS, PAIN THAT WAKES UP AT NIGHT AND DOES NOT RESPOND TO REST, TIREDNESS OR BOWEL INCONTINENCE, AND WEAKNESS IN THE HANDS AND/OR FEET. IT IS IMPORTANT FOR PATIENTS TO TALK THEIR HEALTH CARE PROFESSIONAL ABOUT ALL OCCURRING SYMPTOMS.

Alternative approaches include:

- Physical therapy
- Spinal manipulation/chiropractic care
- Acupuncture
- Massage therapy
- Biorefeedback
- Yoga and relaxation techniques
- Cognitive behavioral therapy

PREVENTION

- Focus on physical and mental well-being
- Exercise regularly with low-impact aerobic activities such as walking and swimming
- Strengthen abdominal and back muscles with core-conditioning exercises
- Practice yoga for strength and flexibility, and stretch well after exercising
- Eat a proper diet
- Maintain a healthy weight
- Quit smoking
- Manage stress levels
- Practice proper lifting techniques - lift with your knees, keeping your back straight and stomach muscles contracted. Do not lift anything excessively heavy.
- Utilize ergonomically-designed products, as well as work and living spaces.
- Maintain proper posture when sitting or standing.
- Use appropriate low-heeled shoes.
- Sleep on a firm surface and on your side to reduce curving of the spine.

TREATMENT AND MANAGEMENT

The goal of treatment for low back pain is to reduce pain and restore function, strength, and prevent injury recurrence. A combination of treatments may be recommended by your health care professional. In a few chronic cases, surgery may be performed to relieve low back pain.

SOME COMMON TREATMENTS INCLUDE:

- Ice and heat
- Physical activity: staying in bed can make back pain worse and weaken muscles
- Medications
 - Nonsteroidal anti-inflammatory drugs (NSAIDs) or acetaminophen (Tylenol)
 - Controlled (help manage pain)
 - Muscle relaxants
 - Medications for sleep and depression

PREVENTION

Maintaining a healthy back is very important in preventing low back pain. Some techniques include:

CORRECT POSTURES AND TECHNIQUES TO AVOID LOW BACK PAIN

Understanding Pain

What is Pain?

2 Types of Pain

1. ACUTE PAIN

2. CHRONIC (PERSISTENT) PAIN

Where do you Feel Pain?

Treatment

Pain Scale

0 1 2 3 4 5 6 7 8 9 10

Spanish

DERMATOMES

Cutaneous Areas of Peripheral Nerve Innervation*

What is a Dermatome?

What is an Intoxication?

A.

THE AUTONOMIC NERVOUS SYSTEM

Legend:

- ANS
- Sympathetic
- Parasympathetic
- ANS
- Sympathetic
- Parasympathetic

F. ANATOMICAL CHART COMPANY

THE NERVOUS SYSTEM

Brain

Midbrain, Medulla Oblongata and Spinal Cord

Spinal Meninges

Sagittal Section of Female Pelvis

D.

THE SPINAL NERVES

Motor Nerves innervated with Spinal Nerves

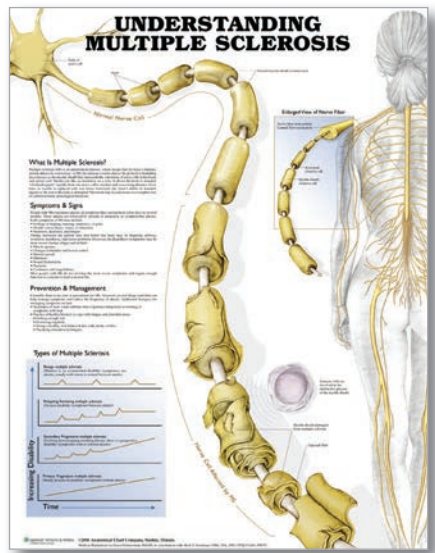
Spinal Cord

Spinal Nerve

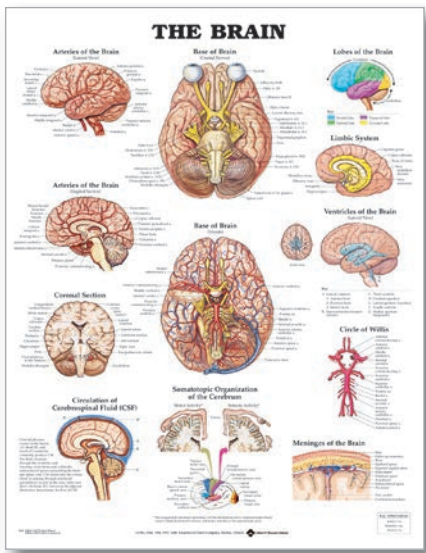
Spinal Nerve

Spinal Nerve

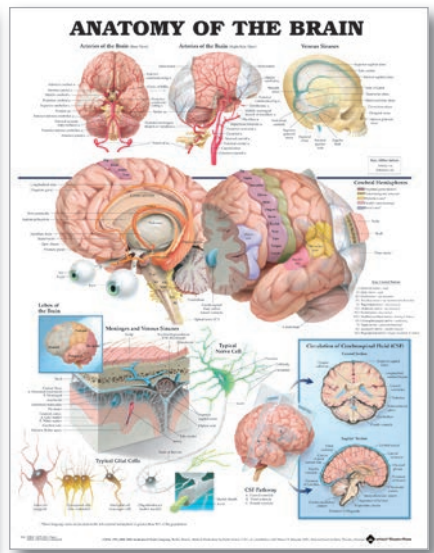
E.



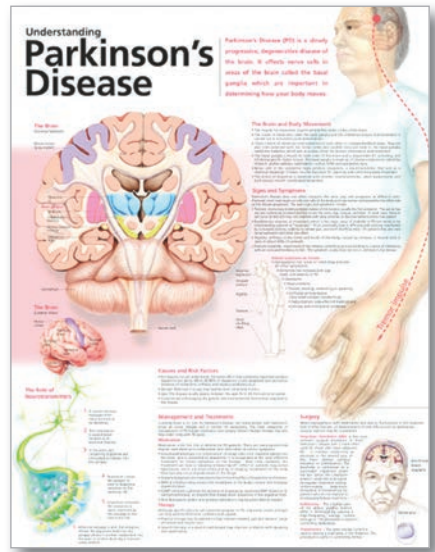
G.



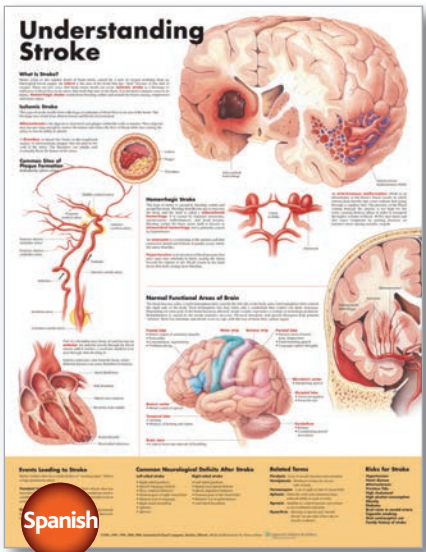
H.



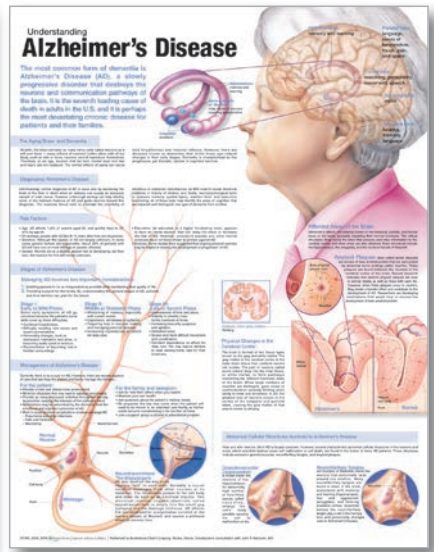
I.



J.



K.



L.

- A. 2425 Understanding Low Back Pain**
978-0-7817-8243-2 Laminated.....
978-0-7817-8242-5 Paper.....
- B. 9839 Understanding Pain**
978-1-58779-984-6 Laminated.....
978-1-58779-983-9 Paper.....
978-0-7817-8229-6 Laminated (Spanish).....
978-0-7817-8228-9 Paper (Spanish).....
- C. 8022 Dermatomes**
978-1-58779-111-6 Laminated.....
978-1-58779-112-3 Paper.....
- D. 8949 The Nervous System**
978-1-58779-044-7 Laminated.....
978-1-58779-690-6 Styrene Plastic.....
978-1-58779-045-4 Paper.....
- E. 8024 The Spinal Nerves**
978-1-58779-205-2 Laminated.....
978-1-58779-691-3 Styrene Plastic.....
978-1-58779-206-9 Paper.....
- F. 8026 The Autonomic Nervous System**
978-1-58779-001-0 Laminated.....
978-1-58779-002-7 Paper.....

- G. 9716 Understanding Multiple Sclerosis**
978-1-58779-972-3 Laminated.....
978-1-58779-971-6 Paper.....
- H. 9920 The Brain**
978-1-58779-105-5 Laminated.....
978-1-58779-106-2 Paper.....
- I. 9921 Anatomy of the Brain**
978-1-58779-089-8 Laminated.....
978-1-58779-090-4 Paper.....
- J. 9978 Understanding Parkinson's Disease, 2nd Edition**
978-0-7817-8636-2 Laminated.....
978-0-7817-8635-5 Paper.....
- K. 9868 Understanding Stroke, 2nd Edition**
978-1-58779-988-4 Laminated.....
978-1-58779-987-7 Paper.....
978-1-58779-990-7 Laminated (Spanish).....
978-1-58779-989-1 Paper (Spanish).....
- L. 9976 Understanding Alzheimer's Disease, 2nd Edition**
978-0-7817-8634-8 Laminated.....
978-0-7817-8633-1 Paper.....

+ ALSO AVAILABLE ...

Save 15% over individual chart prices!

Neurology Chart Set 1 NEURO1.....
 • Includes 3 charts: Understanding Multiple Sclerosis; Understanding Parkinson's Disease, 2nd Edition; and Understanding Alzheimer's Disease, 2nd Edition

Neurology Chart Set 2 NEURO2.....
 • Includes 3 charts: Understanding Pain; Understanding Low Back Pain; and The Spinal Nerves

SAVE

Understanding Schizophrenia

Schizophrenia is a psychiatric illness that often begins when a person is in his or her late teens, 20s or 30s. As with any illness, the symptoms can differ from person to person and can change over time. When the disease is active, most patients experience the hallmark symptoms of psychosis in the form of delusions and hallucinations. When the disease is inactive, many patients still experience trouble with concentration and motivation.

What causes Schizophrenia?

Genes and Environment - While schizophrenia is found in only 1% of the population, 10% of those who have the disease, also have a first-degree relative (parent, brother or sister) or second-degree relative (aunt, uncle, grandparent, cousin) with the disorder, which leads researchers to believe that genetics play some part in the illness. While genes are clearly involved, no single gene can cause schizophrenia. It is very likely that genes interacting with the environment (such as medication or nutrition before birth, problems during birth, subsequent drug use or head injury) cause schizophrenia.

Different Brain Chemistry and Structure - Scientists believe there is an imbalance in the certain chemical regions of the brain. Specifically, with the neurotransmitters dopamine and glutamate. Neurotransmitters are substances that allow brain cells to communicate with each other.

Causes of Psychosis other than Schizophrenia - Schizophrenia is only one cause of psychosis. Psychosis is only diagnosed if other causes of psychosis have been excluded.

- **Medical Illnesses** - e.g., brain infections, like syphilis or AIDS;
- **Intoxications** - e.g., illicit drugs, toxins, and medications;
- **Other Psychiatric Illnesses** - e.g., bipolar disorder, delusional disorder, generally diagnosed.

Gray Matter Deficit in Schizophrenia

Average
 2%
 10%
 20%

Onset of illness **Illness after 5 Years**

Stages of Illness

Prodromal Phase - A prodrome refers to the early symptoms and signs of an illness that precede the fully-developed illness. For schizophrenia, this is the period from the first change in a person until the development of the first psychotic symptoms.

Acute Psychotic Episode - Patient shows symptoms of psychotic episodes and these may be present for up to two years before treatment. Symptoms include:

- Positive Symptoms: Hallucinations, delusions, etc.
- Negative Symptoms: Emotional and behavioral changes.
- Depression and Suicide.

Post-Psychotic Phase (Residual/Resolving) Phase - Once treatment (medication and psychotherapy) begins, it can take up to three months to see whether the treatment is effective. When treatment is effective, positive symptoms remit and the level of depression is low or may disappear. For other patients, symptoms may persist or emerge and they may need to try other medications or treatment interventions.

Maintenance Phase - The prognosis of schizophrenia varies from complete recovery (after a period of acute illness) to severe, ongoing symptoms that require institutionalization. Even when the symptoms are successfully treated, function often remains impaired. In most patients, having schizophrenia means living in the community with varying degrees of symptoms and varying needs for support.

Some people may have a relapse - their symptoms come back or get worse. Usually, relapses happen when people stop taking their medication or when they only take it sometimes. Some people stop taking their medication because they feel better or they may feel they do not need it anymore. But no one should stop taking an antipsychotic medication without talking to his or her doctor first.

Symptoms of Schizophrenia Fall into Four Broad Categories

Positive Symptoms are often the most obvious signs of the illness.

- **Hallucinations** are unusual perceptions of things that are not there, such as seeing things, hearing voices, smelling odors and feeling sensations on the skin. People with schizophrenia may hear voices for a long time before family and friends notice the problem. The voices may talk to the person about his or her behavior, order the person to do things, or warn the person of danger.
- **Delusions** are false beliefs that are persistent and that do not go away after receiving logical or accurate information. People with schizophrenia may believe that neighbors can control their behavior or that radio stations are broadcasting their thoughts. Or they may believe that others are trying to harm them by poisoning, poisoning or poisoning them.
- **Disorganized Speech** is speech that is unclear or confused. People have difficulties expressing themselves.

Negative Symptoms are harder to recognize as part of the disorder and can be mistaken for depression or lack of motivation.

- "Flat affect" or person's face does not move or they talk in a flat, monotonous voice.
- Lack of pleasure in everyday life (anhedonia).
- Lack of interest in beginning planned activities (avolition).
- Speaking little, even when encouraged to elaborate (alogia).

Mood Symptoms are important since they reduce the quality of life and may increase a patient's risk of suicide. Some mood symptoms include:

- Depression.
- Demoralization (hopelessness, loss of meaning in life, feeling incompetent).
- Dysphoria (a state of being ill at ease).
- Irritability.
- Euphoria or Mania (mania, hyperactivity or over-excited thoughts and actions).

Cognitive Symptoms are subtle, and the negative symptoms, they can be difficult to recognize. Because cognition includes "executive functioning" such as goal setting and figuring out steps to resolve a problem, these skills, cognitive symptoms often make it hard to be independent and learn a living.

- Inability to understand information and use it to make decisions or solve problems.
- Trouble focusing and paying attention.
- Poor verbal learning (difficulties learning new material in a class or from a book).
- Problems with "working memory" (the ability to hold information "on-line" briefly, like dialing a phone number).

Treatment and Management

Antipsychotic Medications are the mainstay of treatment for schizophrenia. They are most effective for the treatment of acute psychosis and the prevention of relapse. Antipsychotics do not work well for negative symptoms and cognitive problems.

While all antipsychotics (except clozapine) have similar efficacy with regards to treating psychosis, people respond in different ways to antipsychotic medications and no one can tell beforehand how a person will respond. Sometimes a person needs to try several medications before finding the right one. Medications can greatly differ with regards to side effects. Concerning side effects include persistent abnormal movements (called tardive dyskinesia) which are more likely with the older drugs. Weight gain and diabetes are also concerns with most antipsychotics.

Psychosocial Treatments are as important as medications. Patients who receive regular psychosocial treatment also are more likely to keep taking their medication, and they are less likely to have relapses or be hospitalized.

- **Cognitive Behavioral Therapy (CBT)** is a form of psychotherapy that focuses on thinking and behavior. CBT helps patients with symptoms that do not get away even when they take medication. The therapist teaches people with schizophrenia how to test the reality of their thoughts and perceptions, how to "test" others for their views, and how to manage their overall symptoms.
- **Integrated Treatment for Substance Abuse** - Substance abuse is the most common co-occurring disorder in people with schizophrenia. When schizophrenia treatment programs and drug treatment programs are used together, patients get better results.
- **Rehabilitation Programs** can include job counseling and training, money management counseling, help in learning to use public transportation, and opportunities to practice communication skills. Programs like these help patients hold jobs, remember important details, and improve their functioning.
- **Family Education** - People with schizophrenia are often discharged from the hospital into the care of their families, so it is important that family members know as much as possible about the disease.

Migraines & Headaches

Primary Headaches

- **Migraine Headache**
- **Cluster Headache**
- **Tension-type Headache**

Secondary Headaches

- **Secondary (Organic) Headache**

Healthy Lifestyle Strategies to Avoid Headaches

Headache Diagnostic Guide

Headache Treatments Guide

UNDERSTANDING EPILEPSY

What is Epilepsy?

What Causes Epilepsy?

How the Brain Works

Commoned Seizures

Partial Seizures

Epilepsy Surgery

Understanding Depression

What is Depression?

Signs and Symptoms of Major Depression

Who is at Risk for Depression?

Other Types of Depression

Suicide

Treatment

Brain Chemistry

Neurotransmitters

The Limbic System

The Role of Neurotransmitters

UNDERSTANDING SLEEP DISORDERS

What is Sleep?

Why Does the Body Need Sleep?

What Does the Suprachiasmatic Nucleus (SCN) Do?

Stages of Sleep

Signs for a Good Night's Sleep

Common Sleep Disorders

- **Narcolepsy**
- **Restless Leg Syndrome (RLS)**
- **Sleep Apnea**
- **Obstructive Sleep Apnea**

C.

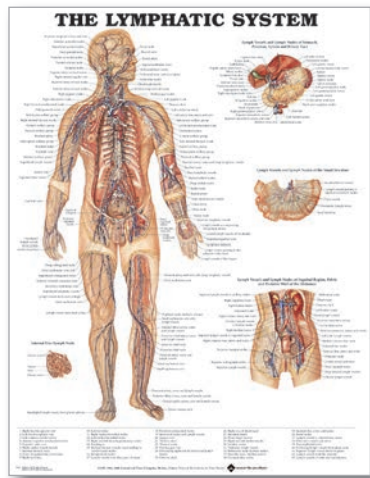
Customers rate Anatomical Chart Company products

★★★★★★★★

"Helps in communication process"

Bonnie, Chicago, IL

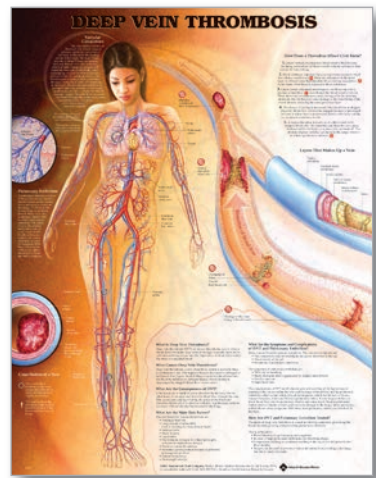
ANATOMICAL CHART COMPANY



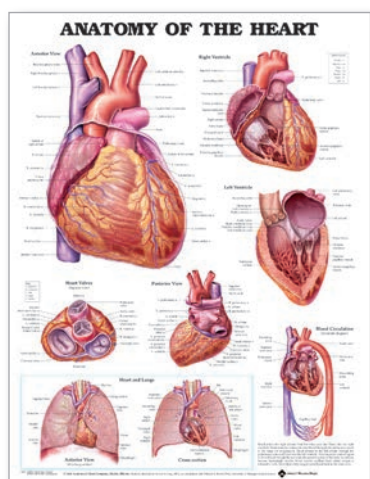
F.



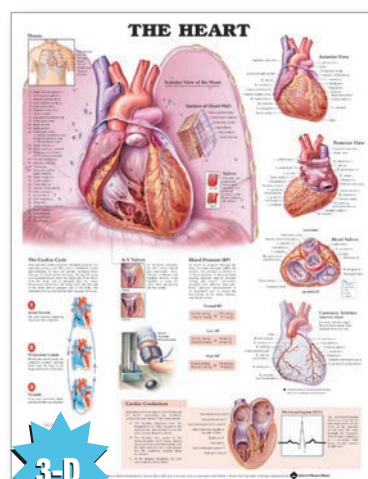
G.



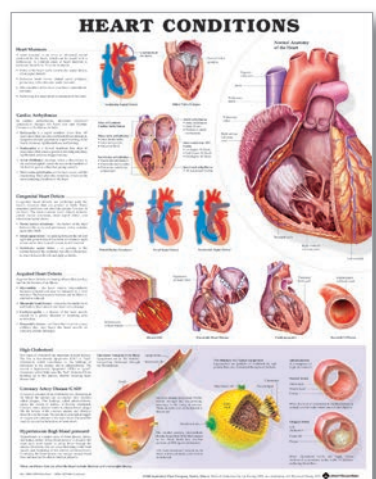
H.



I.



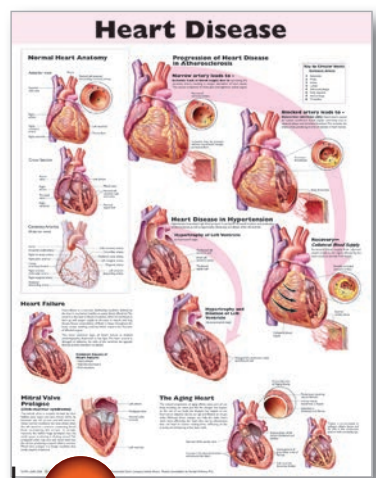
J.



K.

- A. 6423 Understanding Schizophrenia**
978-0-7817-8644-7 Laminated.....
978-0-7817-8642-3 Paper.....
- B. 9974 Understanding Depression, 2nd Edition**
978-0-7817-7316-4 Laminated.....
978-0-7817-7314-0 Paper.....
- C. 9197 Understanding Sleep Disorders**
978-1-58779-920-4 Laminated.....
978-1-58779-919-8 Paper.....
- D. 9979 Migraines & Headaches, 2nd Edition**
978-0-7817-7660-8 Laminated.....
978-0-7817-7659-2 Paper.....
- E. 9867 Understanding Epilepsy**
978-1-58779-335-6 Laminated.....
978-1-58779-336-3 Paper.....
- F. 8937 The Lymphatic System**
978-1-58779-025-6 Laminated.....
978-1-58779-026-3 Paper.....
- G. 8952 The Vascular System and Viscera**
978-1-58779-076-8 Laminated.....
978-1-58779-077-5 Paper.....

- H. 8953 Deep Vein Thrombosis**
978-1-58779-671-5 Laminated.....
978-1-58779-670-8 Paper.....
- I. 9878 Anatomy of the Heart, 2nd Edition**
978-1-58779-844-3 Laminated.....
978-1-58779-843-6 Paper.....
- J. 8023 The Heart**
978-1-58779-152-9 Laminated.....
978-1-58779-153-6 Paper.....
978-1-58779-155-0 3-Dimensional.....
- K. 8824 Heart Conditions**
978-1-58779-883-2 Laminated.....
978-1-58779-882-5 Paper.....
- L. 9912 Heart Disease, 2nd Edition**
978-0-7817-7338-6 Laminated.....
978-0-7817-7337-9 Paper.....
978-0-7817-8219-7 Laminated (Spanish).....
978-0-7817-8218-0 Paper (Spanish).....



Spanish

Complications of High Blood Pressure

High blood pressure that is not controlled can cause long-term damage to your blood vessels, brain, heart, kidneys, and eyes. Learning about your blood pressure can help reduce your risk of having a stroke or heart attack. Ask your health care provider to check your blood pressure today.

BRAIN

Stroke – Blood vessels in the brain that are damaged, swollen and narrowed by high blood pressure may reduce or stop blood flow to the brain, causing a stroke. High blood pressure can also cause a brain aneurysm, a condition in which a blood vessel in the brain bulges out.

Transient Ischemic Attack – TIA (mini-stroke) is a brief, temporary disruption of blood supply to the brain. It is often caused by atherosclerosis or a blood clot – both of which can be a result of high blood pressure.



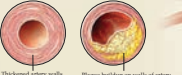
EYES

Thickened, narrowed or torn blood vessels in the eyes may result in vision loss.



BLOOD VESSELS

High blood pressure can damage the inner walls of arteries causing them to thicken and harden, a condition called atherosclerosis. Cholesterol and other substances (plaque) in the blood can collect on the damaged walls of the arteries, a condition called atherosclerosis, and may block blood flow. High blood pressure can also damage the heart, brain, kidneys, and eyes.



ANEURYSM

Over time, the constant pressure of blood moving through a weakened artery can cause a section of the wall to enlarge and form a bulge (aneurysm). An aneurysm can burst and cause internal bleeding. Aneurysms can form in any artery in the body, but they're most common in the aorta, the body's largest artery.



HEART

Coronary Artery Disease (CAD) – Affects the arteries that supply blood to the heart. Thickened and narrowed coronary arteries prevent blood from flowing freely to the heart, causing chest pain (angina), heart attack or irregular heart rhythms (arrhythmias).

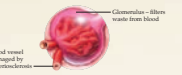
Left Ventricular Hypertrophy (LVH) – High blood pressure forces the heart to work harder to pump blood to the rest of the body. This causes the heart's left pumping chamber (the left ventricle) to thicken and often hinders the ventricle's ability to pump blood, increasing the risk of heart attack, heart failure and sudden cardiac death.

Heart failure – Over time, the strain on the heart from high blood pressure can cause the heart to weaken and pump less effectively, eventually failing to meet the body's demand for blood.



KIDNEYS

High blood pressure is one of the most common causes of kidney failure. It can damage both the large arteries leading to the kidneys and the tiny blood vessels within the kidneys. Damage to either prevents the kidneys from effectively filtering waste from the blood, allowing dangerous levels of fluid and waste to accumulate.



Prevention and Management

- High blood pressure can be prevented and managed best by following your doctor's advice. Decrease your blood pressure by:
 - Lose weight if overweight
 - Exercise regularly
 - Eat a healthy diet
 - Manage stress
 - Don't smoke
 - Avoid excessive alcohol intake
 - Follow your physician's instructions and take any medications as prescribed.



Understanding High Blood Pressure

What is High Blood Pressure?

When the heart beats, it pumps blood out to all parts of the body thru the arteries creating force or pressure against the walls of the arteries. Like air in a tire, blood fills arteries to certain capacity. But just as too much air pressure can damage a tire, high blood pressure can damage healthy arteries. When blood pressure is high the heart must work harder to pump the same amount of blood through the arteries. Blood pressure rises and falls during the day, but when blood pressure stays high over time, it is called high blood pressure (HBP) or hypertension. The wear and tear caused by untreated high blood pressure can cause damage to the heart, kidneys and eyes, and increase the risk for heart attack, stroke, kidney failure, coronary artery disease, and other serious health problems.

Signs and Symptoms of High Blood Pressure

Most of the time, high blood pressure does not cause any symptoms. It is often diagnosed when a patient visits their physician for a routine check-up. Many people do not realize they have high blood pressure until it has caused damage to their body. In rare cases, headaches can result from extremely high blood pressure.

How is Blood Pressure Measured?

Blood pressure is measured with a simple test using a blood pressure cuff. The cuff is wrapped around your upper arm and inflated enough to stop the blood flow in your artery for a few seconds. When the cuff is released or deflated, the first sound heard by your health care provider through the stethoscope is the whooshing sound of your heart pushing blood into your arteries. This is called the "systolic" blood pressure. The "diastolic" blood pressure is when this noise disappears, indicating the heart is relaxed. The systolic blood pressure number is always stated first followed by the diastolic number. For example, your blood pressure may be read as "117 over 76", or written "117/76".

Two numbers are used to describe blood pressure:

Systolic (top number) The top number called "systolic blood pressure" measures blood pressure when the heart pumps blood forward through the arteries to the rest of your body. This noise occurs pressure in the arteries. Blood pressure is highest when the heart beats, pumping the blood. A normal healthy number is around 117.

Diastolic (bottom number) The second number is lower than the systolic pressure and measures blood pressure when the heart relaxes between beats. This is called "diastolic blood pressure." A normal healthy number is around 76. Your blood pressure normally changes throughout the day. It rises when you are active, and lowers when you are resting.



Healthy and Unhealthy Blood Pressure Levels

Blood Pressure Category	Systolic mm Hg (upper #)	and	Diastolic mm Hg (lower #)
Normal	less than 120	and	less than 80
Prehypertension	120 - 139	or	80 - 89
High Blood Pressure (Hypertension) Stage 1	140 - 159	or	90 - 99
High Blood Pressure (Hypertension) Stage 2	160 or higher	or	100 or higher
Hypertensive Crisis (Emergency care needed)	Higher than 180	or	Higher than 110

http://www.heart.org/HEARTORG/

*See your doctor to evaluate seriously low blood pressure readings.

Types and Causes of High Blood Pressure (Hypertension)

Primary or essential hypertension is the most common type of high blood pressure. In most cases the exact causes are unknown, however there are several factors that increase or contribute to your chances of developing high blood pressure:

- Obesity or being overweight
- Lack of physical activity
- Your diet, especially one that includes too much salt and too little potassium
- Genetics and family medical history
- Age and gender
- High levels of alcohol consumption
- Ethnic background
- Stress
- Smoking and second hand smoke

Secondary hypertension may result from a known cause such as:

- Chronic kidney disease
- Adrenal and thyroid problems or tumors
- Diabetes
- Pregnancy
- Some neurological disorders

High Blood Pressure in Children

Teen, children and even babies can have high blood pressure. Although high blood pressure is far more common among adults, the rate among kids is on the rise, a trend that experts link to the increase in childhood obesity. Early diagnosis and treatment can reduce or prevent the harmful complications of high blood pressure. The American Heart Association recommends that all children have their blood pressure measured yearly. Children have the same test for high blood pressure as adults, however, interpreting the numbers is more difficult. Your child's physician will use charts based on your child's gender, height, age and blood pressure numbers to determine whether or not your child has high blood pressure.



© 2014 Wolters Kluwer | Published by Anatomical Chart Company | Developed in consultation with Dr. Douglas S. Moeck

CARDIOVASCULAR DISEASE

B. UNDERSTANDING HYPERTENSION



Understanding High Cholesterol

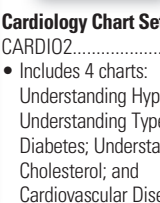


UNDERSTANDING CHOLESTEROL

ALSO AVAILABLE ...
Save 15% over individual chart prices!



Cardiology Chart Set 1
CARDIO1.....
• Includes 2 charts:
The Heart; and Heart Disease



Cardiology Chart Set 2
CARDIO2.....
• Includes 4 charts:
Understanding Hypertension;
Understanding Type 2 Diabetes;
Understanding Cholesterol; and
Cardiovascular Disease



A. Understanding High Blood Pressure, 2nd Edition

- 978-1-4698-7289-6 Laminated.....
- 978-1-4698-7288-9 Paper.....

B. 9915 Cardiovascular Disease, 2nd Edition

- 978-1-58779-841-2 Laminated.....
- 978-1-58779-840-5 Paper.....

C. 9798 Understanding Hypertension

- 978-1-58779-422-3 Laminated.....
- 978-1-58779-421-6 Paper.....
- 978-1-58779-992-1 Laminated (Spanish).....
- 978-1-58779-991-4 Paper (Spanish).....

D. 3251 Understanding High Cholesterol, 2nd Edition

- 978-1-4511-9324-4 Laminated.....
- 978-1-4511-9325-1 Paper.....

E. 9882 Understanding Cholesterol

- 978-1-58779-326-4 Laminated.....
- 978-1-58779-327-1 Paper.....

F. 9894 Keys to Healthy Eating, 3rd Edition

- 978-1-60547-107-5 Laminated.....
- 978-1-60547-106-8 Paper.....

G. 3201 Understanding Your Weight

- 978-0-7817-7322-5 Laminated.....
- 978-0-7817-7331-7 Laminated (Spanish).....
- 978-0-7817-7330-0 Paper (Spanish).....

H. 9779 Maintaining a Healthy Weight

- 978-1-58779-410-0 Laminated.....
- 978-1-58779-409-4 Paper.....
- 978-0-7817-7340-9 Laminated (Spanish).....
- 978-0-7817-7339-3 Paper (Spanish).....

I. 2226 BMI & Waist Circumference

- 978-0-7817-7227-3 Laminated.....
- 978-0-7817-7226-6 Paper.....

J. 9776 Risks of Obesity

- 978-1-58779-380-6 Laminated.....
- 978-1-58779-379-0 Paper.....

K. 9778 Metabolic Syndrome

- 978-1-58779-805-4 Laminated.....
- 978-1-58779-804-7 Paper.....
- 978-0-7817-7309-6 Laminated (Spanish).....
- 978-0-7817-7308-9 Paper (Spanish).....

KEYS TO HEALTHY EATING

Your food and physical activity choices can help you stay healthy. Here are some keys to healthy eating and physical activity.

1. Choose a variety of foods. Eating a variety of foods from all food groups helps you get the nutrients you need.

2. Eat more fruits and vegetables. Fruits and vegetables are rich in vitamins, minerals, and fiber.

3. Limit saturated fat, trans fat, and added sugars. These fats and sugars can increase your risk of heart disease and obesity.

4. Drink water. Water is the best choice for staying hydrated.

5. Be physically active. Regular physical activity helps you maintain a healthy weight and improves your overall health.

6. Limit screen time. Too much screen time can lead to a sedentary lifestyle.

7. Get enough sleep. Lack of sleep can affect your metabolism and lead to weight gain.

8. Manage stress. Stress can lead to emotional eating and weight gain.

9. Eat mindfully. Pay attention to what you are eating and how you are feeling.

10. Enjoy your food. Eating should be a pleasant experience.

MAINTAINING A HEALTHY WEIGHT

Healthy Diet Plan

Know Your Body

Understand Your Calorie Needs

Energy Balance of Activities

What is Your Body Mass Index?

How to Calculate Your Body Mass Index

Acceptable Weight for Health Based on Body Mass Index

Weight Gain Problems

Weight Loss Problems

Spanish

Understanding your weight

Body Weight is Determined by Energy Balance

Obesity is excess body fat caused by long-term energy imbalance. Energy imbalance occurs when you consume more calories (energy intake) through eating and drinking than your body burns (energy expenditure through physical activity); this excess of energy is stored as fat in the body.

Energy Intake vs. Energy Expenditure

- Energy Intake > Energy Expenditure:** You're Gaining Weight
- Energy Intake = Energy Expenditure:** Your Weight is Stable
- Energy Intake < Energy Expenditure:** You're Losing Weight

Spanish

RISKS OF OBESITY

What is Obesity?

Causes of Obesity

Treatment for Adult Obesity

How is Body Fat Measured?

Health Risks Associated with Obesity

Obesity and Children

Spanish

BMI & Waist Circumference

Body Mass Index (BMI)

Waist Circumference

Classification

Classification	BMI
Underweight	Below 18.5
Normal	18.5 - 24.9
Overweight	25.0 - 29.9
Obese Class I	30.0 - 34.9
Obese Class II (Extreme Obesity)	35.0+

Body Mass Index (BMI) Table

Sex	Weight	5'0"	5'1"	5'2"	5'3"	5'4"	5'5"	5'6"	5'7"	5'8"	5'9"	5'10"	5'11"	6'0"
Male	100	18.5	18.8	19.1	19.4	19.7	20.0	20.3	20.6	20.9	21.2	21.5	21.8	22.1
	110	19.8	20.1	20.4	20.7	21.0	21.3	21.6	21.9	22.2	22.5	22.8	23.1	23.4
	120	21.1	21.4	21.7	22.0	22.3	22.6	22.9	23.2	23.5	23.8	24.1	24.4	24.7
	130	22.4	22.7	23.0	23.3	23.6	23.9	24.2	24.5	24.8	25.1	25.4	25.7	26.0
	140	23.7	24.0	24.3	24.6	24.9	25.2	25.5	25.8	26.1	26.4	26.7	27.0	27.3
	150	25.0	25.3	25.6	25.9	26.2	26.5	26.8	27.1	27.4	27.7	28.0	28.3	28.6
	160	26.3	26.6	26.9	27.2	27.5	27.8	28.1	28.4	28.7	29.0	29.3	29.6	29.9
	170	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.7	30.0	30.3	30.6	30.9	31.2
	180	28.9	29.2	29.5	29.8	30.1	30.4	30.7	31.0	31.3	31.6	31.9	32.2	32.5
	190	30.2	30.5	30.8	31.1	31.4	31.7	32.0	32.3	32.6	32.9	33.2	33.5	33.8
200	31.5	31.8	32.1	32.4	32.7	33.0	33.3	33.6	33.9	34.2	34.5	34.8	35.1	
Female	100	16.7	17.0	17.3	17.6	17.9	18.2	18.5	18.8	19.1	19.4	19.7	20.0	20.3
	110	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.3	21.6
	120	19.3	19.6	19.9	20.2	20.5	20.8	21.1	21.4	21.7	22.0	22.3	22.6	22.9
	130	20.6	20.9	21.2	21.5	21.8	22.1	22.4	22.7	23.0	23.3	23.6	23.9	24.2
	140	21.9	22.2	22.5	22.8	23.1	23.4	23.7	24.0	24.3	24.6	24.9	25.2	25.5
	150	23.2	23.5	23.8	24.1	24.4	24.7	25.0	25.3	25.6	25.9	26.2	26.5	26.8
	160	24.5	24.8	25.1	25.4	25.7	26.0	26.3	26.6	26.9	27.2	27.5	27.8	28.1
	170	25.8	26.1	26.4	26.7	27.0	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4
	180	27.1	27.4	27.7	28.0	28.3	28.6	28.9	29.2	29.5	29.8	30.1	30.4	30.7
	190	28.4	28.7	29.0	29.3	29.6	29.9	30.2	30.5	30.8	31.1	31.4	31.7	32.0
200	29.7	30.0	30.3	30.6	30.9	31.2	31.5	31.8	32.1	32.4	32.7	33.0	33.3	

METABOLIC SYNDROME

What is Metabolic Syndrome?

Metabolic Syndrome Risk Factors

Organ Affected by Elevated Metabolic Syndrome

High Blood Cholesterol

High Blood Pressure

Abnormal Glucose Tolerance Test (Hyperglycemia)

Medical Conditions Associated with Metabolic Syndrome

What Causes Metabolic Syndrome?

Spanish

UNDERSTANDING DIABETES

What is Diabetes?
Diabetes is a chronic condition that affects the way your body uses blood sugar. Blood sugar is a type of sugar that gives your cells the energy they need to live. To get the energy out of the sugar, your cells need insulin, a hormone that acts like a key to unlock your cells so that the sugar can get in.

Types of Diabetes
There are three main types of diabetes: Type 1, Type 2, and Gestational Diabetes.

What Happens in Diabetes
In a person with diabetes, the pancreas either does not produce enough insulin or the cells in the body do not respond properly to the insulin that is produced.

Symptoms of Diabetes
Common symptoms include frequent urination, increased thirst, and unexplained weight loss.

Risk Factors
Risk factors for Type 2 diabetes include being overweight, being physically inactive, and having a family history of the disease.

Diabetes in Youth
Type 1 diabetes is most commonly diagnosed in children and young adults.

Diabetes Management
Management involves monitoring blood sugar levels, taking medication, and maintaining a healthy diet and lifestyle.

5 Tips for Successful Diabetes Self-Management
1. Monitor your blood sugar. 2. Take your medication as directed. 3. Eat a healthy diet. 4. Exercise regularly. 5. Get regular checkups.

UPDATED

A.

UNDERSTANDING TYPE 1 DIABETES

What is Type 1 Diabetes?
Type 1 diabetes is an autoimmune disease where the body's immune system attacks and destroys the insulin-producing cells in the pancreas.

What happens in Type 1 Diabetes?
Without insulin, blood sugar levels rise to dangerous levels, leading to complications.

Complications
Short-term complications include hypoglycemia and hyperglycemia. Long-term complications include heart disease, kidney disease, and nerve damage.

1 Digestive System
The digestive system breaks down food into nutrients that can be used by the body.

2 The Pancreas and Type 1 Diabetes
The pancreas produces insulin, which is essential for regulating blood sugar levels.

3 How Insulin Works
Insulin acts as a key to allow glucose to enter cells, where it is used for energy.

4 Glucose Backup
When insulin is missing, glucose builds up in the blood, leading to various health issues.

UPDATED

B.

UNDERSTANDING TYPE 2 DIABETES

What is Type 2 Diabetes?
Type 2 diabetes is a chronic condition where the body's cells become resistant to insulin or the pancreas does not produce enough insulin.

What happens in Type 2 Diabetes
High blood sugar levels can lead to complications such as heart disease, kidney failure, and vision problems.

Symptoms
Symptoms include frequent urination, increased thirst, and fatigue.

Risk Factors
Risk factors include being overweight, being physically inactive, and having a family history of the disease.

Managing Type 2 Diabetes
Management involves diet, exercise, and medication to keep blood sugar levels under control.

UPDATED

C.

THE ENDOCRINE SYSTEM

Thyroid and Parathyroid Glands
The thyroid gland produces hormones that regulate metabolism, while the parathyroid glands regulate calcium levels.

Pituitary Gland and Hypothalamus
The hypothalamus controls the pituitary gland, which is the master gland of the endocrine system.

Thyroid Gland
The thyroid gland is located in the neck and produces thyroid hormones.

Heart
The heart is a muscular organ that pumps blood throughout the body.

Stomach, Duodenum, and Jejunum
These organs are part of the digestive system and produce hormones that regulate appetite and digestion.

Adrenal Glands
The adrenal glands sit atop the kidneys and produce hormones like cortisol and adrenaline.

Kidney
The kidneys filter waste from the blood and produce the hormone erythropoietin.

Testes
The testes produce testosterone, which is important for male development and health.

Ovary
The ovaries produce estrogen and progesterone, which are important for female development and health.

Flaccid Hormones
These hormones help regulate various bodily functions, including growth and metabolism.

D.

THYROID DISORDERS

Common Thyroid Disorders
Hypothyroidism (underactive thyroid) and hyperthyroidism (overactive thyroid) are the most common thyroid disorders.

Symptoms
Symptoms of hypothyroidism include fatigue, weight gain, and cold intolerance. Symptoms of hyperthyroidism include weight loss, rapid heartbeat, and heat intolerance.

Diagnosis
Thyroid disorders are typically diagnosed through blood tests that measure thyroid hormone levels.

Treatment
Hypothyroidism is treated with thyroid hormone replacement therapy, while hyperthyroidism is treated with medication to reduce thyroid hormone production.

E.

Internal Organs of the Human Body

Heart
The heart pumps oxygenated blood to the rest of the body and deoxygenated blood back to the lungs.

Lungs
The lungs are responsible for gas exchange, taking in oxygen and expelling carbon dioxide.

Liver
The liver processes nutrients from the diet and filters toxins from the blood.

Stomach
The stomach is part of the digestive system and breaks down food into smaller pieces.

Kidney
The kidneys filter waste from the blood and regulate blood pressure.

Spleen
The spleen is part of the immune system and filters old red blood cells from the blood.

Other Organs
Other internal organs include the pancreas, gallbladder, and intestines.

F.

Gastroesophageal Disorders and Digestive Anatomy

Gastroesophageal Junction
The gastroesophageal junction is the point where the esophagus meets the stomach.

GERD (Gastroesophageal Reflux Disease)
GERD occurs when stomach acid flows back up into the esophagus, causing irritation and discomfort.

Acid Reflux
Acid reflux is the backflow of stomach acid into the esophagus, which can lead to heartburn.

Mouth Sores
Mouth sores can be caused by various factors, including stress, poor nutrition, and infections.

G.

THE DIGESTIVE SYSTEM

The Oral Cavity, Salivary Glands and Stomach
The oral cavity is where digestion begins, and salivary glands produce enzymes to break down food.

The Liver, Pancreas and Duodenum
The liver and pancreas produce digestive enzymes that enter the duodenum, the first part of the small intestine.

Wall of Stomach
The stomach wall has several layers, including the muscularis, which contracts to mix food.

Wall of Jejunum
The jejunum is the middle part of the small intestine, where most nutrient absorption occurs.

Wall of Colon
The colon is part of the large intestine and is responsible for absorbing water and electrolytes.

The Small and Large Intestines
The small intestine is where most digestion and absorption occur, while the large intestine is primarily for water absorption.

H.

DISEASES OF THE DIGESTIVE SYSTEM

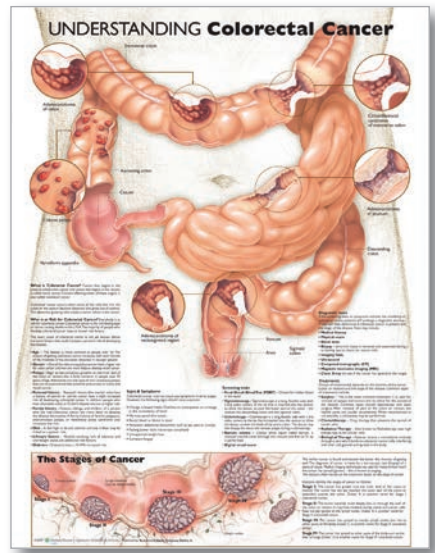
Peptic Ulcers
Peptic ulcers are sores that develop on the lining of the stomach or the first part of the small intestine.

Celiac Disease
Celiac disease is an autoimmune disorder where eating gluten damages the small intestine.

Inflammatory Bowel Disease (IBD)
IBD includes Crohn's disease and ulcerative colitis, which cause chronic inflammation of the digestive tract.

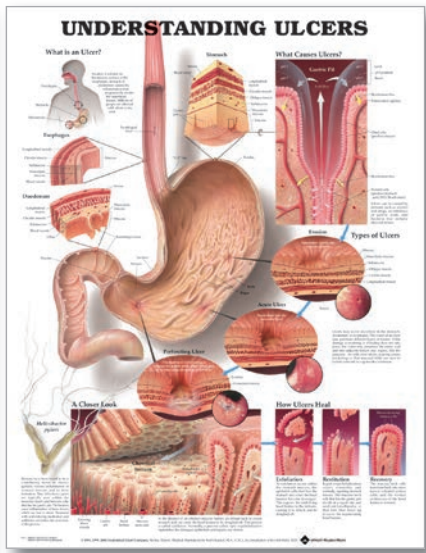
Diverticulitis
Diverticulitis is an inflammation or infection of small pouches called diverticula that protrude from the colon.

I.



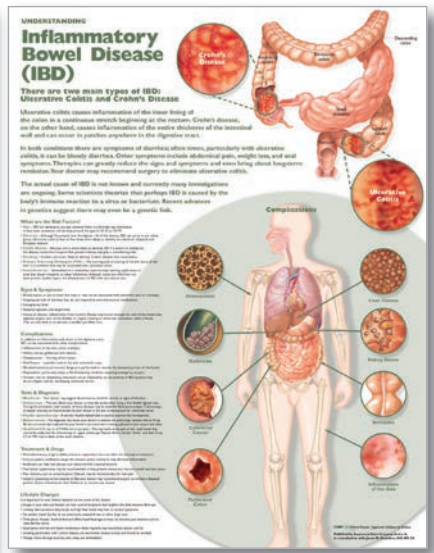
J.

- A. 9755 Understanding Diabetes 3rd Edition**
978-1-46986-492-8 Laminated.....
978-1-46989-489-8 Paper.....
- B. 9754 Understanding Type 1 Diabetes, 3rd Edition**
978-1-4698-9494-2 Laminated.....
978-1-4698-9493-5 Paper.....
- C. 9753 Understanding Type 2 Diabetes, 3rd Edition**
978-1-4698-9498-0 Laminated.....
978-1-4698-9497-3 Paper.....
- D. 9720 The Endocrine System**
978-1-58779-015-7 Laminated.....
978-1-58779-016-4 Paper.....
- E. 831X Thyroid Disorders**
978-1-58779-832-0 Laminated.....
978-1-58779-831-3 Paper.....
- F. 828X Internal Organs of the Human Body**
978-1-58779-829-0 Laminated.....
978-1-58779-828-3 Paper.....
- G. 9965 Gastroesophageal Disorders and Digestive Anatomy, 2nd Edition**
978-0-7817-8245-6 Laminated.....
978-0-7817-8244-9 Paper.....

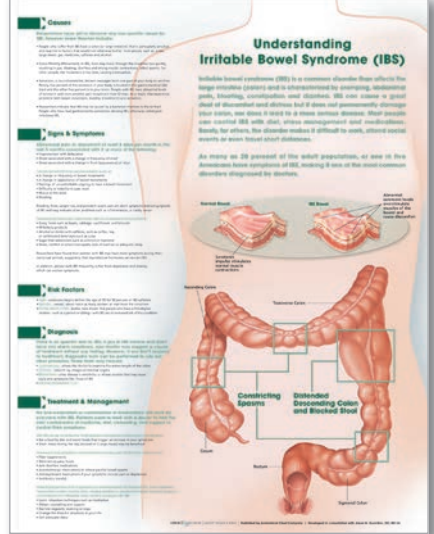


K.

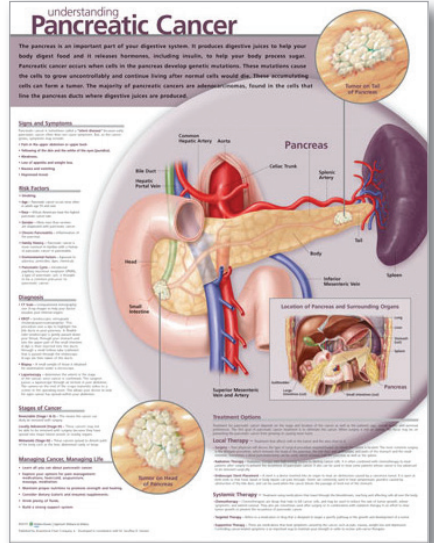
- H. 9859 The Digestive System**
978-1-58779-006-5 Laminated.....
978-1-58779-695-1 Styrene Plastic.....
978-1-58779-007-2 Paper.....
- I. 9861 Diseases of the Digestive System**
978-1-58779-236-6 Laminated.....
978-1-58779-237-3 Paper.....
- J. 3331 Understanding Colorectal Cancer**
978-0-7817-7334-8 Laminated.....
978-0-7817-7333-1 Paper.....
- K. 9731 Understanding Ulcers**
978-1-58779-370-7 Laminated.....
978-1-58779-371-4 Paper.....
- L. 6485 Understanding Inflammatory Bowel Disease (IBD)**
978-0-7817-8649-2 Laminated.....
978-0-7817-8648-5 Paper.....
- M. 2146 Understanding Irritable Bowel Syndrome**
978-1-60831-215-3 Laminated.....
978-1-60831-214-6 Paper.....
- N. 2160 Understanding Pancreatic Cancer**
978-1-60831-217-7 Laminated.....
978-1-60831-216-0 Paper.....



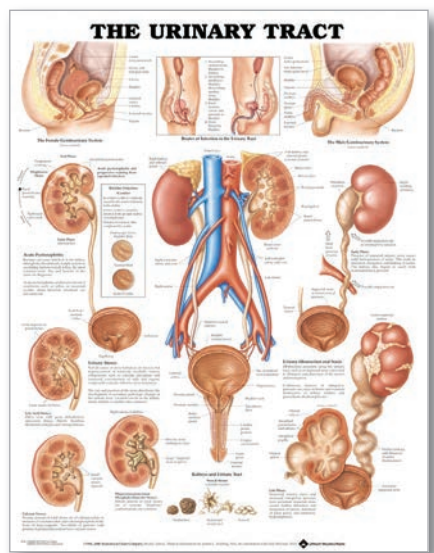
L.



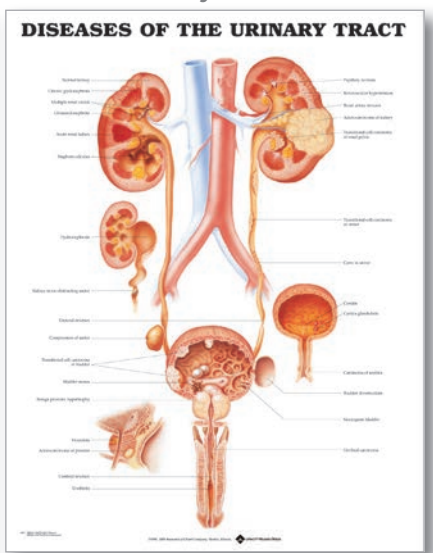
M.



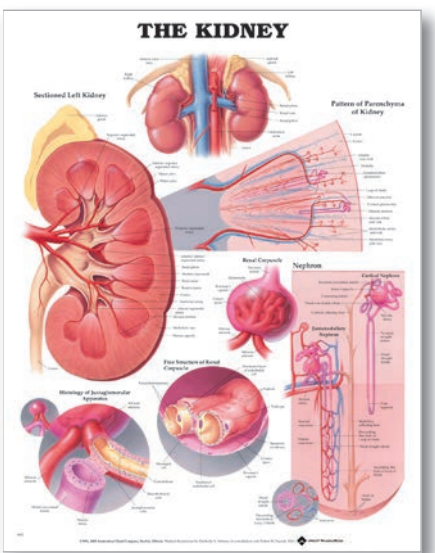
N.



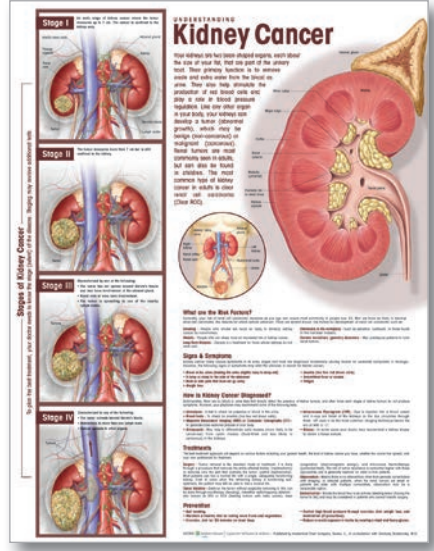
A.



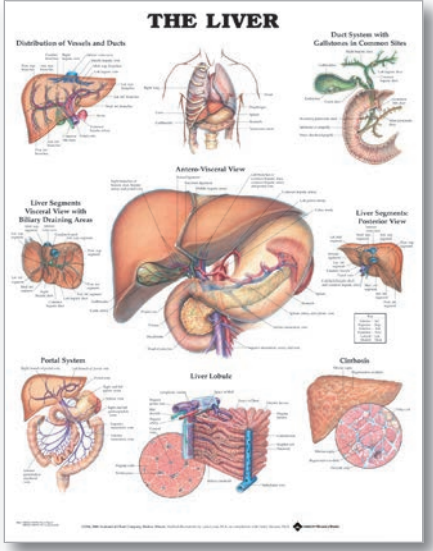
B.



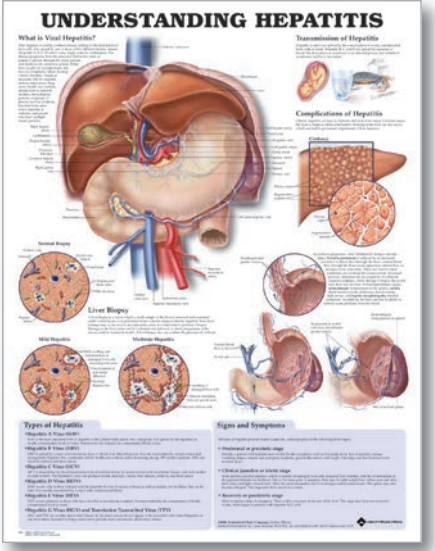
C.



D.



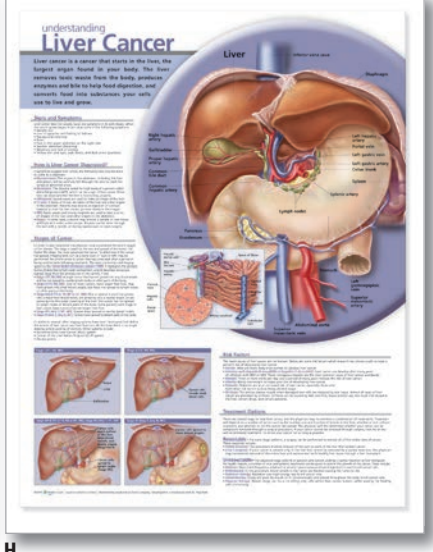
E.



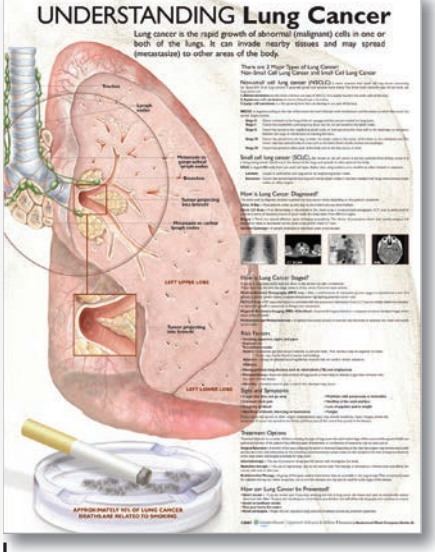
F.



G.

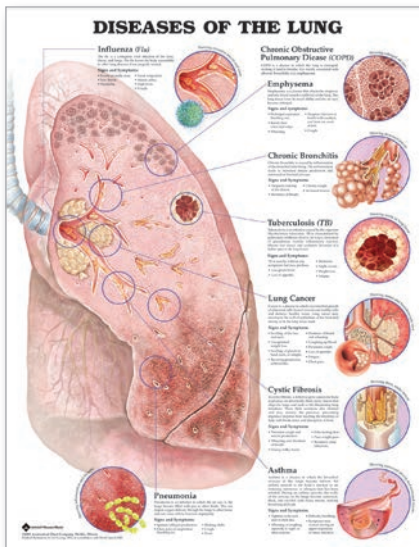


H.

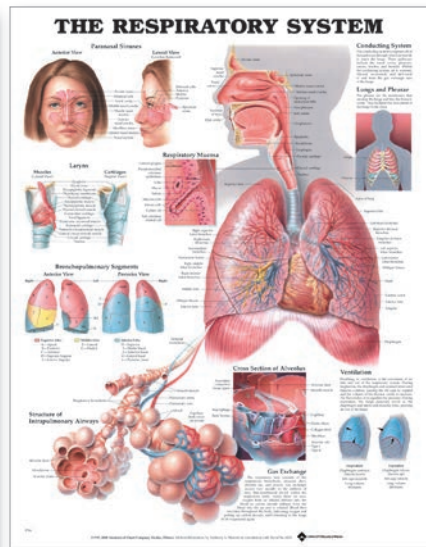


I.

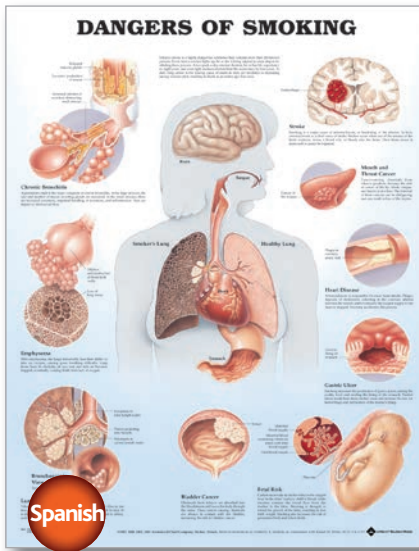
- A. 9796 The Urinary Tract**
978-1-58779-071-3 Laminated.....
978-1-58779-072-0 Paper.....
- B. 9797 Diseases of the Urinary Tract**
978-1-58779-241-0 Laminated.....
978-1-58779-242-7 Paper.....
- C. 9951 The Kidney**
978-1-58779-171-0 Laminated.....
978-1-58779-172-7 Paper.....
- D. 6508 Understanding Kidney Cancer**
978-0-7817-8651-5 Laminated.....
978-0-7817-8650-8 Paper.....
- E. 9960 The Liver**
978-1-58779-175-8 Laminated.....
978-1-58779-176-5 Paper.....
- F. 9992 Understanding Hepatitis**
978-1-58779-418-6 Laminated.....
978-1-58779-417-9 Paper.....
- G. 9696 Dangers of Alcohol, 2nd Edition**
978-0-7817-8239-5 Laminated.....
978-0-7817-8238-8 Paper.....
- H. 0924 Understanding Liver Cancer**
978-1-60547-092-4 Laminated.....
978-1-60547-091-7 Paper.....
- I. 3232 Understanding Lung Cancer**
978-0-7817-7325-6 Laminated.....
978-0-7817-7323-2 Paper.....
- J. 9073 Diseases of the Lung**
978-1-58779-908-2 Laminated.....
978-1-58779-907-5 Paper.....
- K. 9766 The Respiratory System**
978-1-58779-053-9 Laminated.....
978-1-58779-054-6 Paper.....
- L. 9865 Dangers of Smoking**
978-1-58779-231-1 Laminated.....
978-1-58779-232-8 Paper.....
978-0-7817-7318-8 Laminated (Spanish).....
978-0-7817-7317-1 Paper (Spanish).....
- M. 9783 Chronic Obstructive Pulmonary Disease (COPD), 2nd Edition**
978-0-7817-8237-1 Laminated.....
978-0-7817-8236-4 Paper.....
- N. 9862 Understanding Asthma, 2nd Edition**
978-1-58779-938-9 Laminated.....
978-1-58779-937-2 Paper.....
978-1-58779-944-0 Laminated (Spanish).....
978-1-58779-943-3 Paper (Spanish).....
- O. 9768 The Respiratory System and Asthma, 2nd Edition**
978-1-60547-100-6 Laminated.....



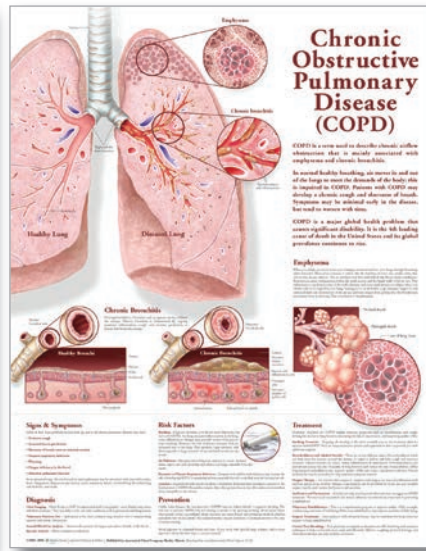
J.



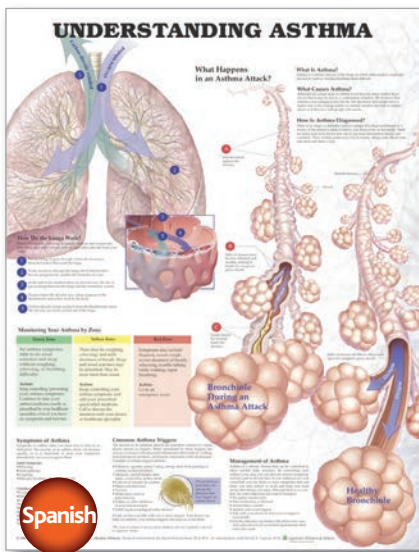
K.



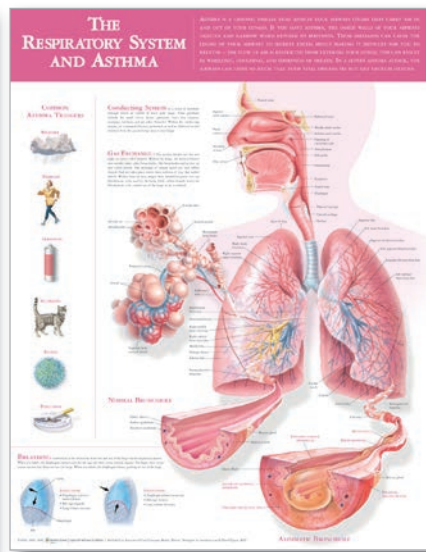
L.



M.



N.



O.

UNDERSTANDING ALLERGIES

What Is An Allergy?
An allergy is an overreaction or hypersensitivity of the body's immune system to normally harmless substances, called allergens. An allergic reaction occurs when the body's immune system responds to an allergen as if the substance were disease causing. Subsequent exposures to this substance can result in physical symptoms that range from mild to life threatening.

Who Gets Allergies?
The tendency to develop allergies is thought to be inherited, because they commonly develop in those who have a family history of allergies. It is possible for anyone to develop allergies at any age. Environmental factors can make our immune systems overly sensitive. This could then trigger allergies in people with no family history or hasten the onset in those with a family history.

What Are Common Allergens?
Allergens can enter the body in a number of different ways, including inhaling, eating/drinking, injection (as with bee venom), and contact with the skin or eyes. Common allergens include pollen, mold, animal hair or dander, dust mites, certain medications (for example, penicillin), and certain foods (for example, peanuts, eggs, milk, wheat, and soybean).

Anaphylaxis: An Allergic Emergency
Anaphylaxis is a life-threatening reaction. The onset of this reaction may occur within seconds or minutes of exposure. Symptoms may include a red rash over most of the body. Skin becomes warm to the touch, intense tightening and swelling of the airways make breathing difficult, and there is a drop in blood pressure. Breathing can stop and the body may slip into shock. If medication is not administered quickly, heart failure and death can result within minutes in the most severe reactions. Allergists in inject venom and medications such as antibiotics are more likely to cause anaphylaxis than are any other allergens. Anaphylaxis is not a common reaction and can be controlled with prompt medication and the help of a physician.

Managing Allergies
The first step in managing allergies is to identify the type of reaction you are having, whether it is watery eyes, sneezing, or difficulty breathing. Second, try to identify the trigger or the situation that led to the symptoms. Ask yourself a few questions:

- Where did the reaction occur?
- Were there any animals or insects near you?
- Were you wearing any new clothing?
- Did you eat a new meal or dessert?
- Were you wearing any new shoes?
- Did you use a new soap or detergent?
- Did you take any new medicine?
- Did you go to a doctor's office?

 A physician can perform skin or blood allergy tests with a variety of common allergens. Once the allergen has been identified, manage your allergies by following some tips:

- Avoid allergens when possible.
- Use a deodorant regularly.
- Avoid tobacco smoke and other irritants.
- Stay healthy.
- Use medication as prescribed.

Hay Fever (allergic rhinitis)
Commonly caused by exposure to ragweed and some tree pollens. It affects the eyes and nose. Causes sneezing, runny nose, watery, itchy eyes, irritated, itchy throat, and sometimes a stuffy, blocked nose.

Sinusitis
An inflammation, or swelling, of the tissue lining the sinuses. Symptoms may include facial pain/pressure, a "stuffy head" (congestion), nasal stuffiness, nasal discharge, and loss of sense of smell.

Eczema (atopic dermatitis)
A group of medical conditions that cause the skin to become inflamed or irritated. It causes itchy, red rashes of the skin characterized by lesions, scaling, and flaking.

Hives (urticaria)
An outbreak of swollen, pale red bumps or patches (wheals) on the skin, as a result of the body's adverse reaction to certain allergens, or for unknown reasons.

Asthma
Affects the respiratory system, causing coughing, wheezing, and chest tightness after exposure to an allergen. Common allergens that worsen asthma include plant pollens and dust mites.

Contact Dermatitis
An inflammation of the skin caused by direct contact with an irritating or allergy-causing substance (such as poisons from latex gloves). It causes redness, itching, swelling, or rashes on the skin.

Food Allergies
Symptoms include swelling of lips, throat, face, and tongue; upset stomach; vomiting; abdominal cramps; hives; and skin rashes. Food allergies may be life threatening.

Household Allergies
These allergies are microscopic organisms that feed on live and shed skin tissue. Mites are commonly found on pillows, mattresses, and upholstered furniture. Mite feces are responsible for a majority of the year-round types of allergies, and are a major cause of asthma.

Allergic Conjunctivitis
Affects the respiratory system, causing coughing, wheezing, and chest tightness after exposure to an allergen. Common allergens that worsen asthma include plant pollens and dust mites.

Drug Allergies
Certain medicines can trigger allergic reactions ranging from mild rashes to life-threatening symptoms, which can affect any tissue or organ in the body.

Spanish

UNDERSTANDING INFLUENZA

What Is Influenza?

Prevention

Special Risk Factors

The Vaccination Shot

Complications

What to Do if You Get Sick

Questions & Answers

The Common Cold

Common colds are a viral infection of the upper respiratory tract. They are the most common infectious diseases in the United States. Each year, about 2 billion people in the United States get a cold. Colds are caused by a variety of viruses, but rhinoviruses are the most common.

How do you get a cold?

How long does a cold last?

How can you prevent a cold?

How can you tell if you have a cold?

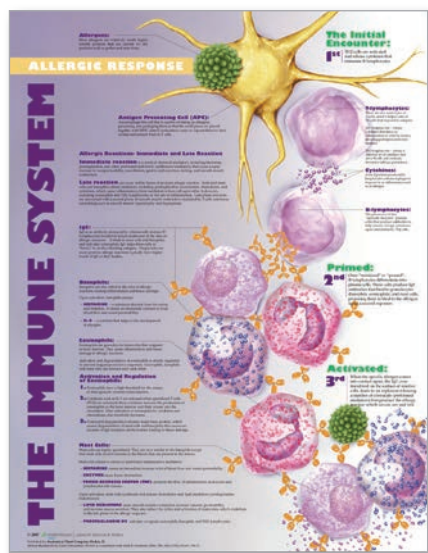
How can you tell if you have a cold?

How can you tell if you have a cold?

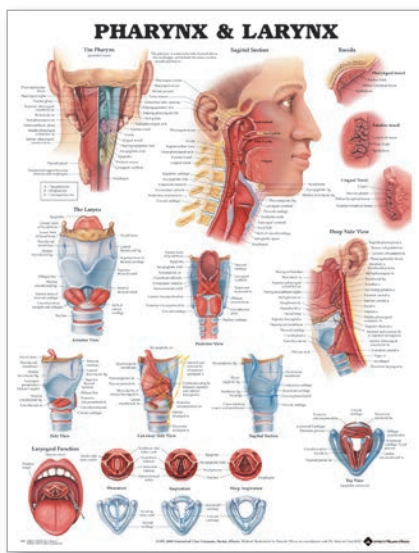
How can you tell if you have a cold?

A.

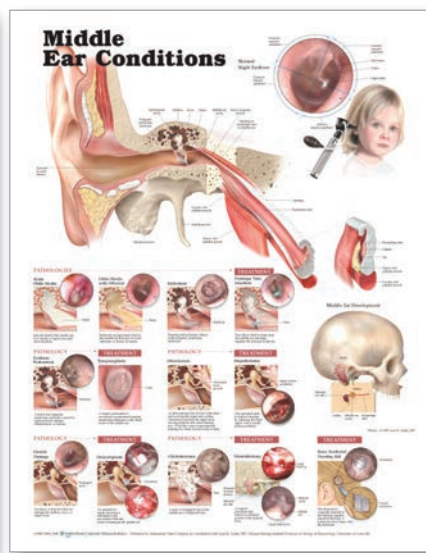
A. 9864 Understanding Allergies, 2nd Edition	E. 9879 Pharynx & Larynx	J. 9691 The Eye
978-1-58779-941-9 Laminated.....	978-1-58779-180-2 Laminated.....	978-1-58779-126-0 Laminated.....
978-1-58779-940-2 Paper.....	978-1-58779-181-9 Paper.....	978-1-58779-127-7 Paper.....
978-1-58779-947-1 Laminated (Spanish).....	F. 9893 Middle Ear Conditions, 2nd Edition	K. 9694 The Eye: Anterior and Posterior Chambers
978-1-58779-946-4 Paper (Spanish).....	978-1-60547-096-2 Laminated.....	978-1-58779-132-1 Laminated.....
	978-1-60547-095-5 Paper.....	978-1-58779-133-8 Paper.....
B. 8859 Understanding Influenza	G. 9895 Ear, Nose & Throat	L. 9695 Disorders of the Eye, 2nd Edition
978-1-58779-886-3 Laminated.....	978-1-58779-115-4 Laminated.....	978-1-58779-925-9 Laminated.....
978-1-58779-885-6 Paper.....	978-1-58779-116-1 Paper.....	978-1-58779-924-2 Paper.....
C. 9875 Understanding The Common Cold, 2nd Edition	H. 9891 Anatomy of the Inner Ear	
978-0-7817-8631-7 Laminated.....	978-1-58779-085-0 Laminated.....	
978-0-7817-8630-0 Paper.....	978-1-58779-086-7 Paper.....	
D. 9730 The Immune System: Allergic Response	I. 9890 The Ear—Organs of Hearing and Balance	
978-1-58779-974-7 Laminated.....	978-1-58779-120-8 Laminated.....	
978-1-58779-973-0 Paper.....	978-1-58779-121-5 Paper.....	



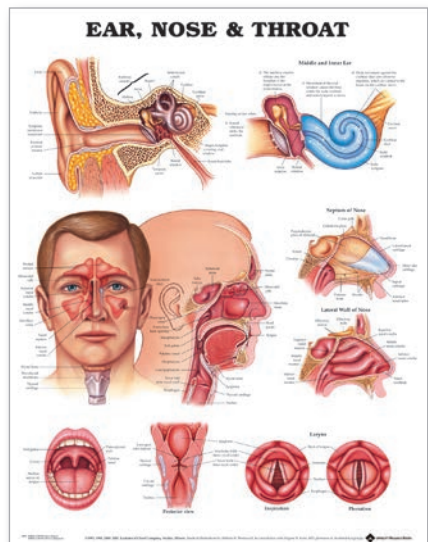
D.



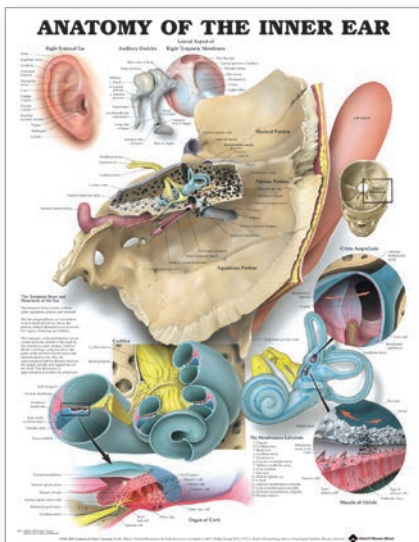
E.



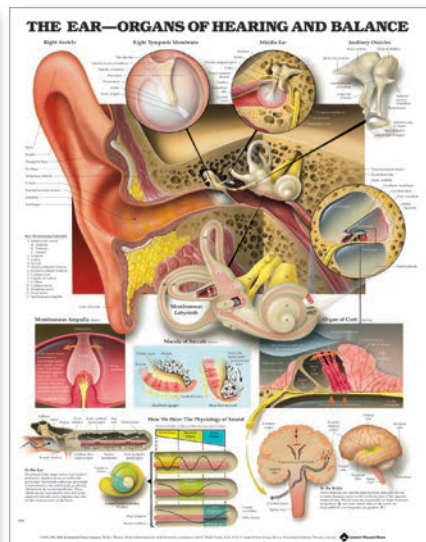
F.



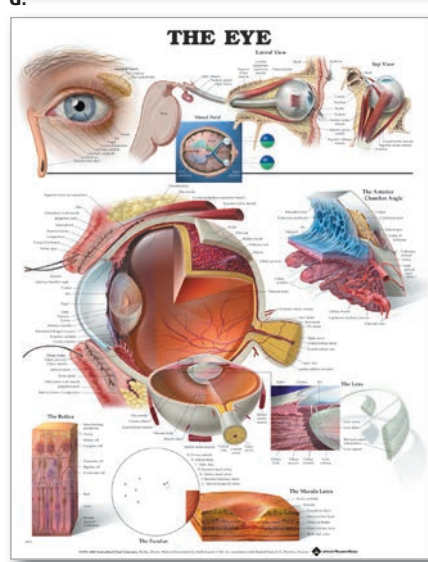
G.



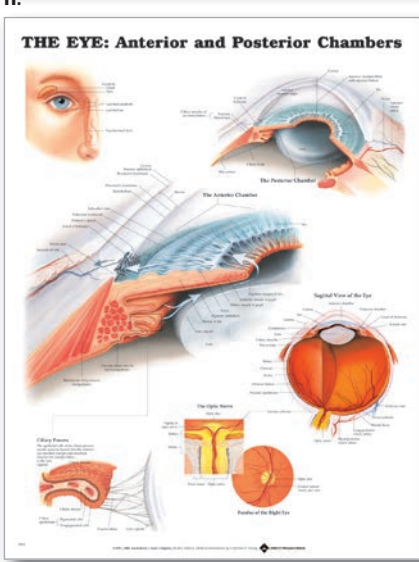
H.



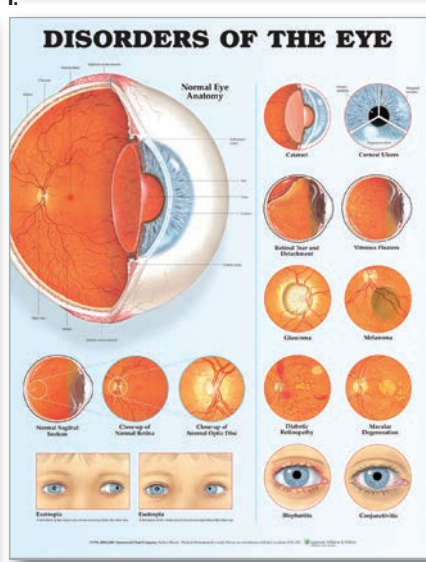
I.



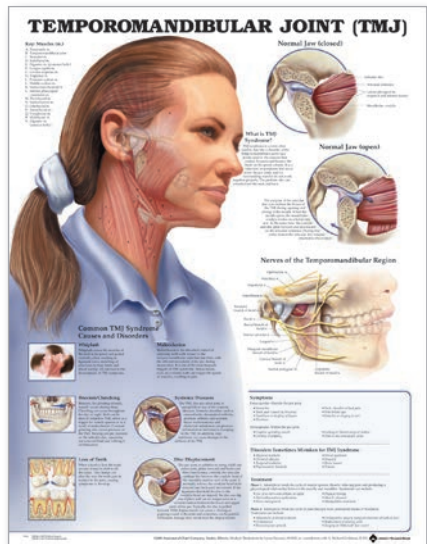
J.



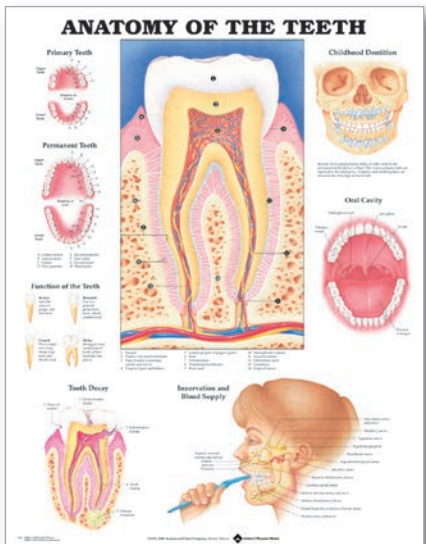
K.



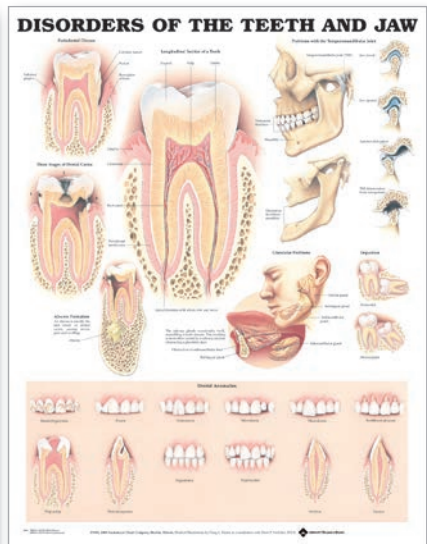
L.



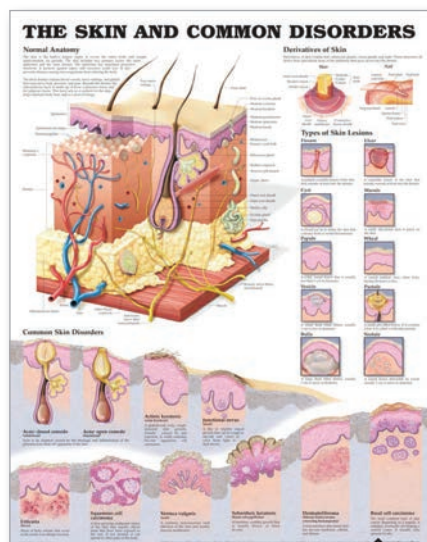
A.



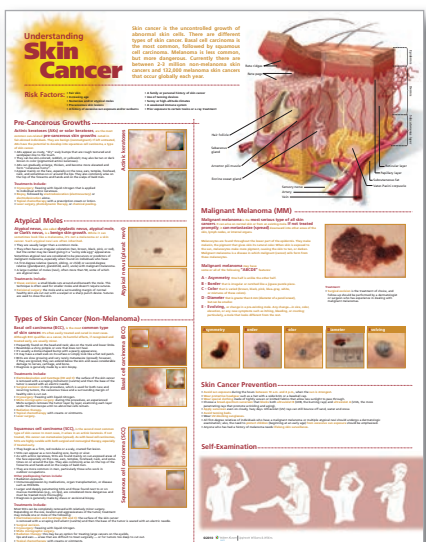
B.



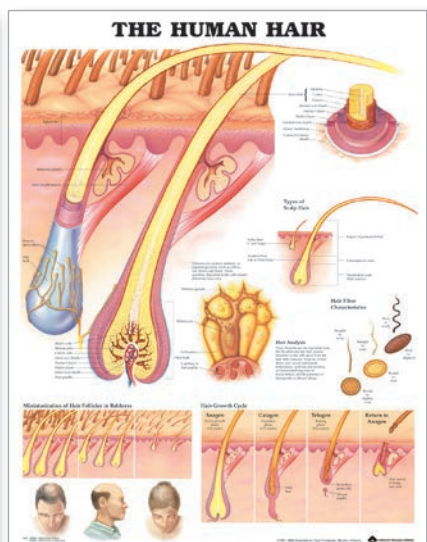
C.



D.



E.

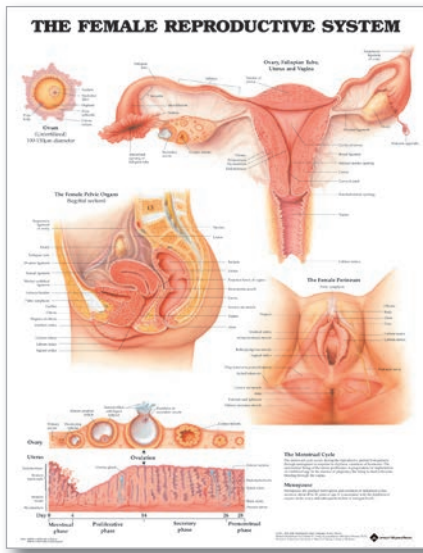


F.

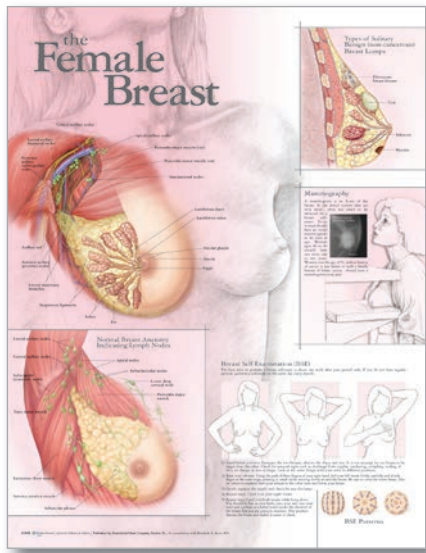
- A. 9932 Temporomandibular Joint (TMJ)**
 978-1-58779-295-3 Laminated.....
 978-1-58779-296-0 Paper.....
- B. 9931 Anatomy of the Teeth**
 978-1-58779-099-7 Laminated.....
 978-1-58779-100-0 Paper.....
- C. 9866 Disorders of the Teeth and Jaw**
 978-1-58779-249-6 Laminated.....
 978-1-58779-250-2 Paper.....
- D. 9940 The Skin and Common Disorders**
 978-1-58779-613-5 Laminated.....
 978-1-58779-612-8 Paper.....

- E. 9998 Understanding Skin Cancer, 2nd Edition**
 978-1-60547-094-8 Laminated.....
 978-1-60547-093-1 Paper.....
- F. 9942 The Human Hair**
 978-1-58779-163-5 Laminated.....
 978-1-58779-164-2 Paper.....
- G. 9652 The Female Reproductive System**
 978-1-58779-020-1 Laminated.....
 978-1-58779-021-8 Paper.....
- H. 2166 The Female Breast**
 978-0-7817-8217-3 Laminated.....
 978-0-7817-8216-6 Paper.....

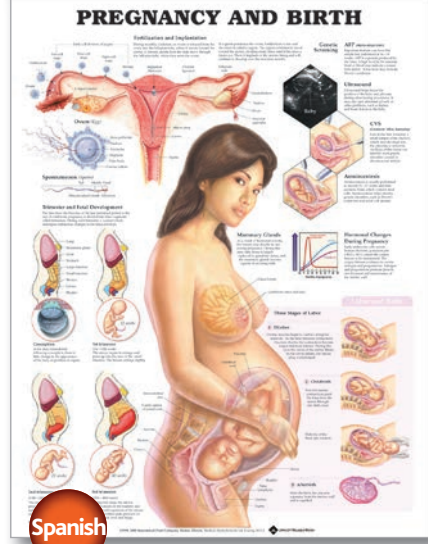
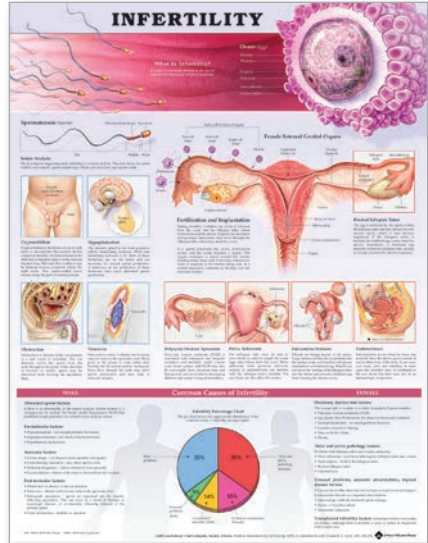
- I. 9740 Infertility, 2nd Edition**
 978-1-58779-859-7 Laminated.....
 978-1-58779-858-0 Paper.....
- J. 2265 Prenatal Development**
 978-0-7817-8227-2 Laminated.....
 978-0-7817-8226-5 Paper.....
- K. 9981 Pregnancy and Birth**
 978-1-58779-184-0 Laminated.....
 978-1-58779-185-7 Paper.....
 978-0-7817-8221-0 Laminated (Spanish).....
 978-0-7817-8220-3 Paper (Spanish).....



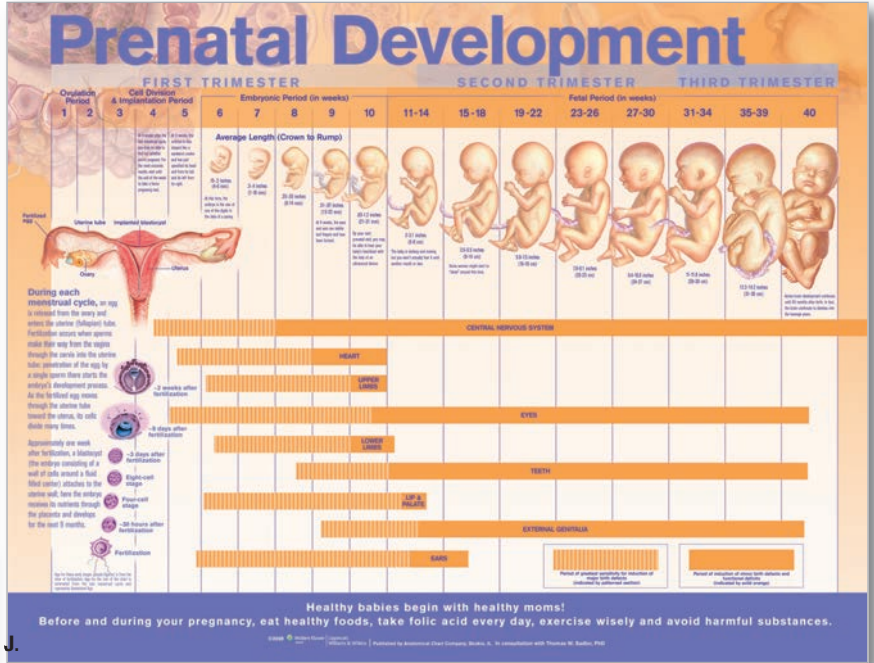
G.



H.



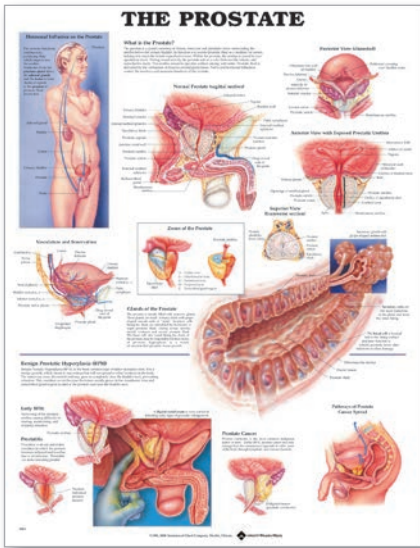
K.



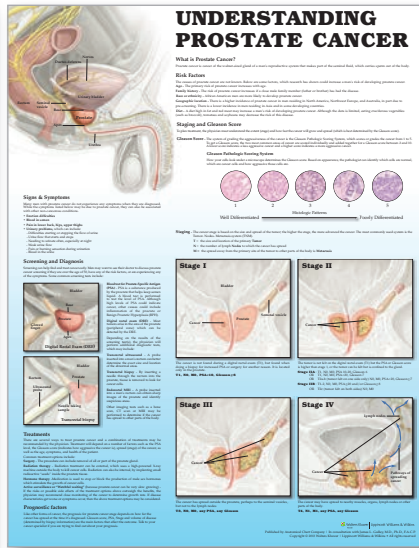
J.

Be sure to see ...

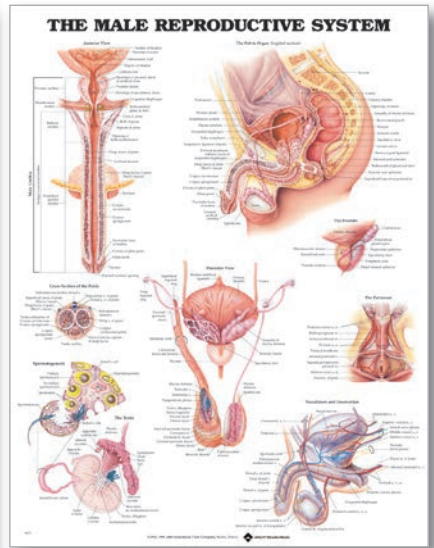
- Alternative Therapy Resources (pages 36-37)
- Anatomical Chart Collections (pages 27-30)
- Anatomical Models (pages 42-57)
- Gifts (page 75)
- Reference Materials & Study Aids (pages 31-34)
- Skeletal Models (pages 58-74)



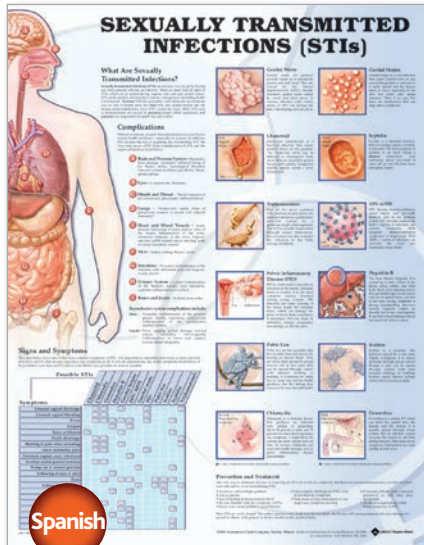
G.



H.



I.



J.



K.

A. 5645 Understanding Breast Cancer, 3rd Edition

978-1-4511-8565-2 Laminated.....
978-1-4511-8564-5 Paper.....

B. 9759 Benign Breast Disease

978-1-58779-674-6 Laminated.....
978-1-58779-673-9 Paper.....

C. 3508 Common Gynecological Disorders

978-0-7817-7351-5 Laminated.....
978-0-7817-7350-8 Paper.....

D. 9977 Understanding Menopause, 3rd Edition

978-0-7817-7313-3 Laminated.....
978-0-7817-7312-6 Paper.....

E. 6547 Understanding Cervical Cancer

978-0-7817-7655-4 Laminated.....
978-0-7817-7654-7 Paper.....

F. 2333 Understanding Ovarian Cancer

978-0-7817-8235-7 Laminated.....
978-0-7817-8233-3 Paper.....

G. 9863 The Prostate

978-1-58779-189-5 Laminated.....
978-1-58779-190-1 Paper.....

H. 2241 Understanding Prostate Cancer, 2nd Edition

978-1-4511-9169-1 Laminated.....
978-1-4511-9168-4 Paper.....

I. 9672 The Male Reproductive System

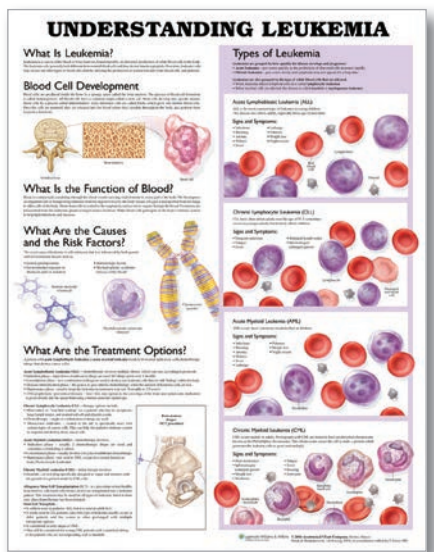
978-1-58779-030-0 Laminated.....
978-1-58779-031-7 Paper.....

J. 9765 Sexually Transmitted Infections (STIs), 2nd Edition

978-1-58779-850-4 Laminated.....
978-1-58779-849-8 Paper.....
978-0-7817-7344-7 Laminated (Spanish).....
978-0-7817-7341-6 Paper (Spanish).....

K. 3381 Hand Hygiene

978-1-4511-9338-1 Laminated.....

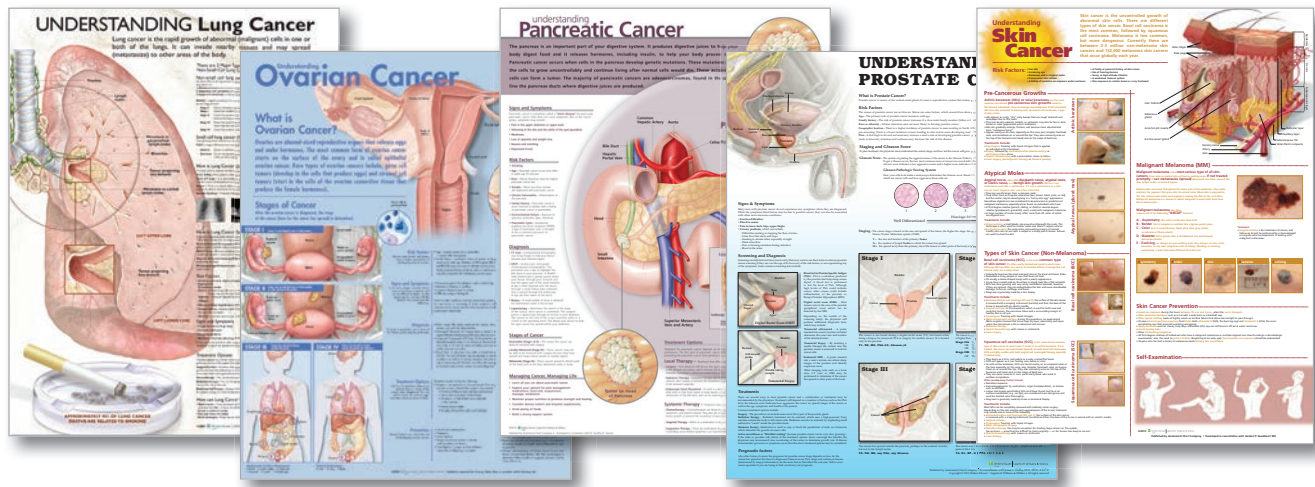
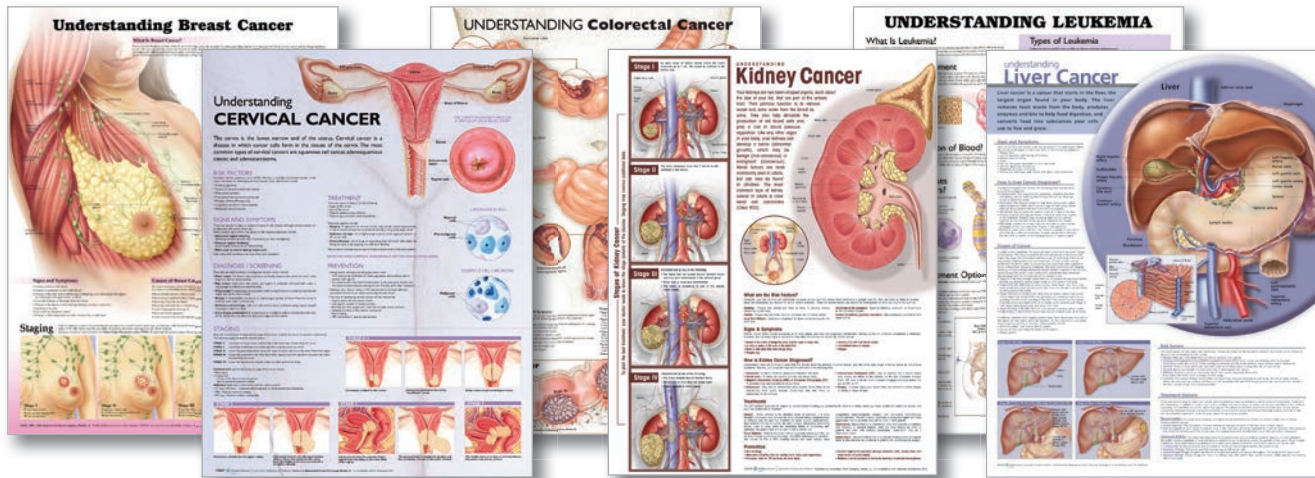


9761 Understanding Leukemia
 978-1-58779-976-1 Laminated.....
 978-1-58779-975-4 Paper.....

Increase cancer awareness with specialized charts that make consults and patient education easier.

- Understanding Breast Cancer, 3rd Edition**
978-1-4511-8565-2
- Understanding Cervical Cancer**
978-0-7817-7655-4
- Understanding Colorectal Cancer**
978-0-7817-7334-8
- Understanding Kidney Cancer**
978-0-7817-8651-5
- Understanding Leukemia**
978-1-58779-976-1
- Understanding Liver Cancer**
978-1-60547-092-4

- Understanding Lung Cancer**
978-0-7817-7325-6
- Understanding Ovarian Cancer**
978-0-7817-8235-7
- Understanding Pancreatic Cancer**
978-1-60831-217-7
- Understanding Prostate Cancer, 2nd Edition**
978-1-4511-9169-1
- Understanding Skin Cancer, 2nd Edition**
978-1-60547-094-8





Build your collection with our wide range of anatomical charts — available in every specialty area!

+ ALSO AVAILABLE ...
Save 15% over individual chart prices!

Hand and Foot Chart Set

- HWI
 • Includes 3 charts: Anatomy & Injuries of the Hand & Wrist, Anatomy & Injuries of the Foot & Ankle, and Understanding Carpal Tunnel Syndrome



SAVE

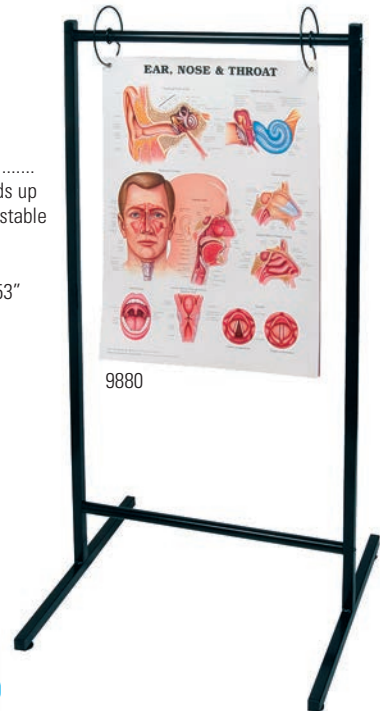
Chart Stands



FDU2

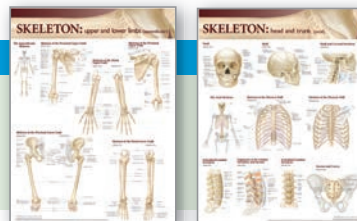
Space-Saver Floor Display Stand
 FDU2
 Hang up to 18 laminated charts on nine steel arms for eye-level viewing. The 17"x 60" (43.2cm x 76.2cm) floor stand easily converts into a 17"x 30" (43.2cm x 76.2cm) tabletop unit. Assembles in minutes. Black finish. Weight: 16 lbs. (7.3kg) For laminated charts only.

Portable Chart Stand
 9880
 Lightweight, aluminum stand holds up to 25 same-format charts on adjustable floating rings. Charts flip over for convenient viewing. Black finish. Weight: 8 lbs. (3.6kg) Size: 28"x 53" (71.1cm x 134.6cm).

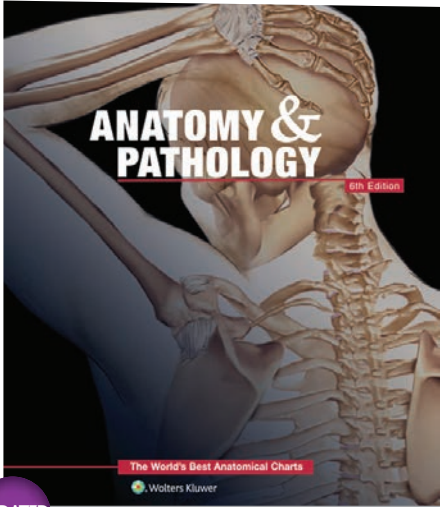


9880

+ ALSO AVAILABLE ...
SAVE LWW Atlas of Anatomy Skeletal System Chart Set
 978-0-7817-8641-6



Keep the full collection of flagship charts at your fingertips for consultations, lectures, or study sessions.



UPDATED

Anatomy & Pathology, Systems & Structures, and **Diseases & Disorders** are essential additions to every library, whether you are a health care professional, a student, or an interested consumer. The chart format provides a clear and visual understanding of human anatomy, physiology, and diseases. Medical terminology and easy-to-understand supporting text are printed directly on each chart so you never have to refer to separate key cards or manuals. The spiral-bound softcover book format is ideal for studying human anatomy, patient consultation, or quick reference. Size: 10"x 12" (25.4cm x 30.48cm).

Anatomy & Pathology, 6th Edition – 52 Charts

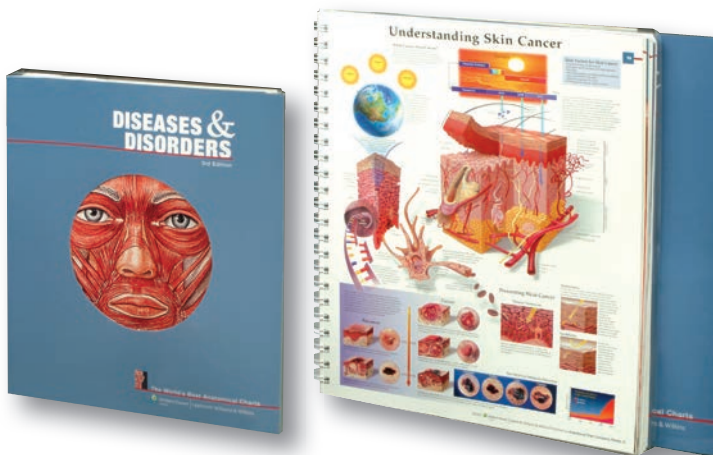
978-1-4698-8990-0.....

Now fully updated to include more diseases and significant health topics. You'll welcome the ...

- **spiral binding** that allows the book to lie flat for easy reference
- **52 full-color charts** created by elite medical illustrators
- **up-to-the-minute facts** on high blood pressure, sleep disorders, allergies, cancer, pregnancy, and more
- **clear, concise supporting points** printed directly on each chart — no loose papers to misplace.

Contents:

- Systems of the Body** – 12 charts
- Structures of the Body** – 16 charts
- Diseases and Disorders** – 24 charts



Diseases & Disorders, 3rd Edition – 70 Charts

978-0-7817-8211-1.....

Contents:

- Brain Diseases & Disorders** – 9 charts
- Cancer** – 7 charts
- Cardiovascular and Venous Diseases & Disorders** – 6 charts
- Dental Diseases & Disorders** – 2 charts
- Digestive System Diseases & Disorders** – 3 charts
- Endocrine System Diseases & Disorders** – 4 charts
- Eye and Ear Diseases & Disorders** – 3 charts
- Infectious Diseases & Disorders** – 6 charts
- Muscular and Skeletal Diseases & Disorders** – 11 charts
- Reproductive Diseases & Disorders** – 8 charts
- Respiratory Diseases & Disorders** – 4 charts
- Healthy Lifestyle Issues** – 7 charts

Communicate clearly in Spanish with vivid illustrations and concise messages that say exactly what you mean.

Systems & Structures, 3rd Edition – 44 Charts

978-1-60547-104-4.....

The Third Edition of Systems and Structures: The World's Best Anatomical Charts features 44 new and updated anatomical charts created by some of the world's best medical illustrators. This reference is an essential addition for every library, whether you are a health professional, student, or interested consumer.

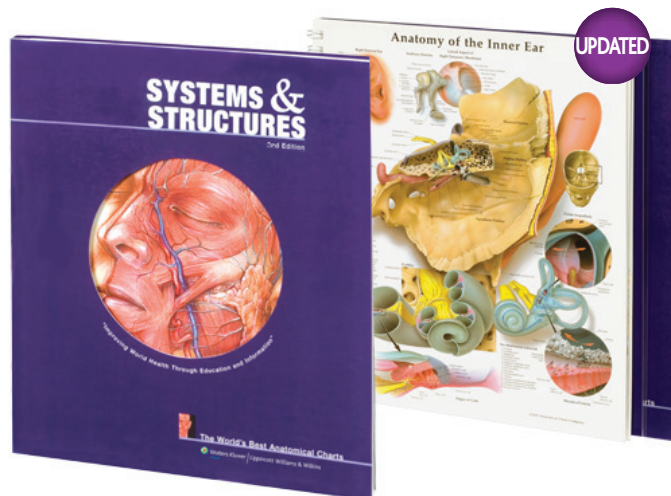
The chart format provides a clear and visual understanding of human anatomy and physiology. Medical terminology and easy-to-understand supporting text are printed directly on each chart so you never have to refer to separate keys cards or manuals.

Printed in vivid, lifelike colors on high-quality paper, and spiral bound in a convenient sized format, this book is ideal for studying human anatomy, patient consultation, or quick reference.

Contents:

Systems of the Body – 14 charts

Structures of the Body – 30 charts



English and Spanish Anatomical Chart Desktop Collection

978-1-58779-980-8.....

English and Spanish Anatomical Chart Desktop Collection includes 34 of our most popular anatomy and pathology topics presented in both English and Spanish (68 charts total), with emphasis on those disorders that may often affect the Hispanic/Latino population.

Handy for learning terminology, this book is also very handy in bilingual patient counseling situations. The covered spiral binding allows the book to lay flat on a desk with the chart in English on the left side, next to the same chart in Spanish on the right.

Printed in vivid lifelike colors on high-quality paper, the anatomical charts show the human body in a format that provides a clear and visual understanding of human anatomy, physiology and diseases. Medical terminology and easy-to-understand supporting text are printed directly on each chart so you never have to refer to a separate key card or manual. Size: 10" x 12" (25.4cm x 30.48cm).

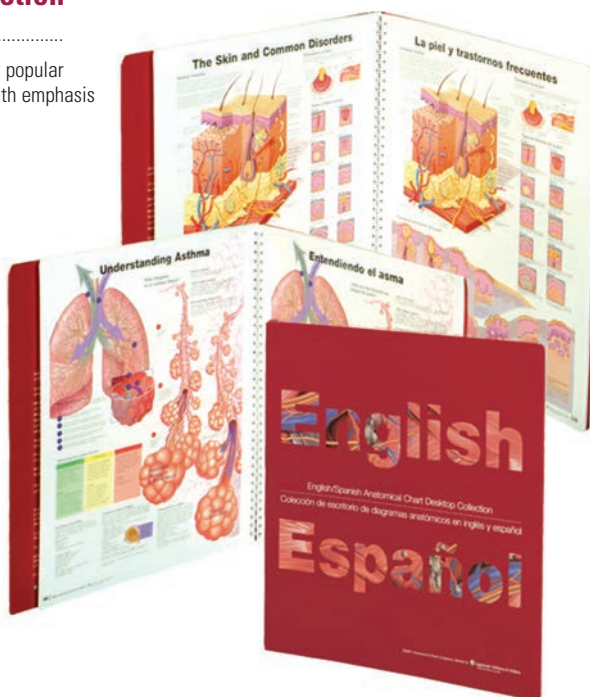
Contents:

Systems / Sistemas — 20 charts, including The Muscular System

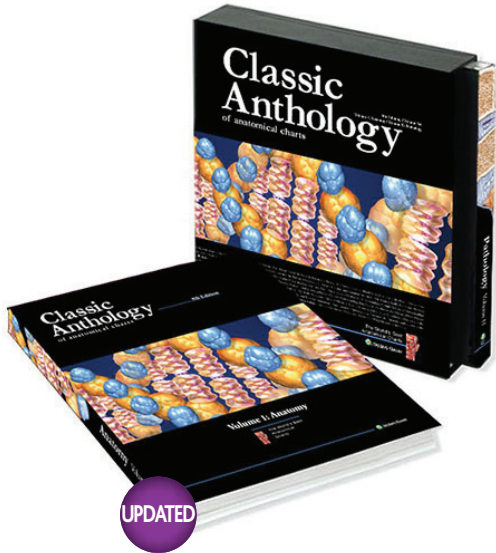
Organs and Structures / Órganos y estructuras — 14 charts, including The Brain, The Heart, and Pregnancy and Birth

Diseases and Disorders / Enfermedades y trastornos — 26 charts, including Understanding Asthma and Understanding Type 2 Diabetes

Healthy Lifestyles Issues / Temas relacionados con un estilo de vida sano — 8 charts, including Keys to Healthy Eating



The essential anatomy collection with a wealth of enhancements.



Classic Anthology of Anatomical Charts, 8th Edition, 2-Volume Set

978-0-7817-8665-2.....

The Eighth Edition of the **Classic Anthology of Anatomical Charts** features 104 new and updated anatomical charts in a two-volume boxed set. This beautiful compilation provides a clear understanding of human anatomy, a visual comparison of physiological principles, and highlights important pathological conditions. Medical terminology and updated text are printed directly on each chart so you never have to refer to a separate key card or manual.

This edition has been edited to include the most popular anatomical and pathological subjects with 22 new and updated charts. Ideal for studying human anatomy, patient consultation, or quick reference, this truly is one of the most comprehensive and attractive compilations of charts on the market.

Features:

- 104 charts printed in vivid, lifelike colors
- Two volumes: Anatomy (44 charts) and Pathology (60 charts)
- Each volume has a hard cover with a side-spiral binding
- Attractive and durable storage box
- Durable laminated pages

Clearly explain anatomy and sports injuries to your patients for better prevention and quicker return to play.

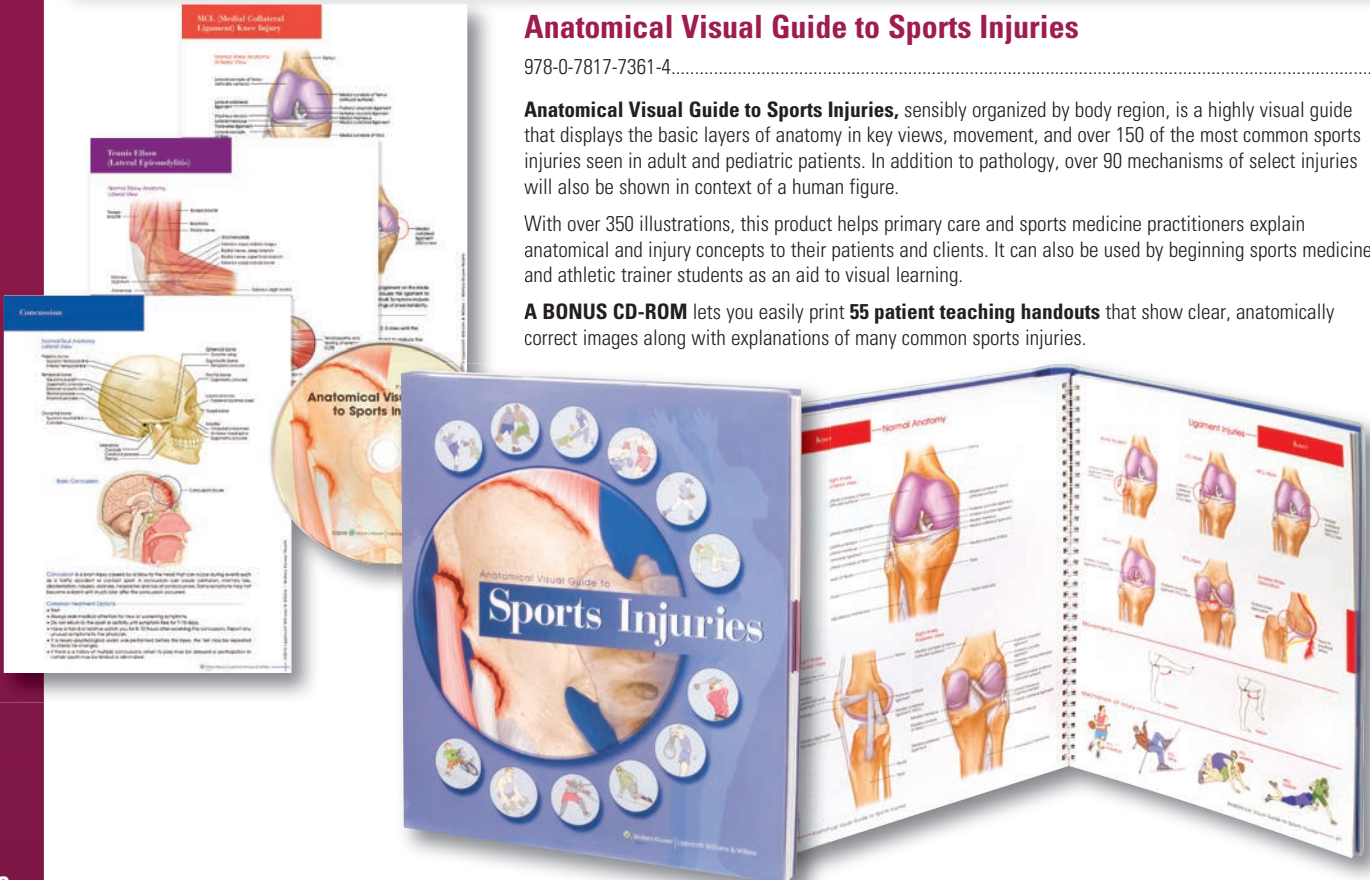
Anatomical Visual Guide to Sports Injuries

978-0-7817-7361-4.....

Anatomical Visual Guide to Sports Injuries, sensibly organized by body region, is a highly visual guide that displays the basic layers of anatomy in key views, movement, and over 150 of the most common sports injuries seen in adult and pediatric patients. In addition to pathology, over 90 mechanisms of select injuries will also be shown in context of a human figure.

With over 350 illustrations, this product helps primary care and sports medicine practitioners explain anatomical and injury concepts to their patients and clients. It can also be used by beginning sports medicine and athletic trainer students as an aid to visual learning.

A BONUS CD-ROM lets you easily print **55 patient teaching handouts** that show clear, anatomically correct images along with explanations of many common sports injuries.



Learn quickly with labeled illustrations on the left—and key facts on the right.

Rapid Review Reference Guide, 3rd Edition

Print Edition: 978-1-60547-102-0.....

MOBILE Powered by Skyscape, Inc.,

Online Deliverable: 978-1-60831-218-4

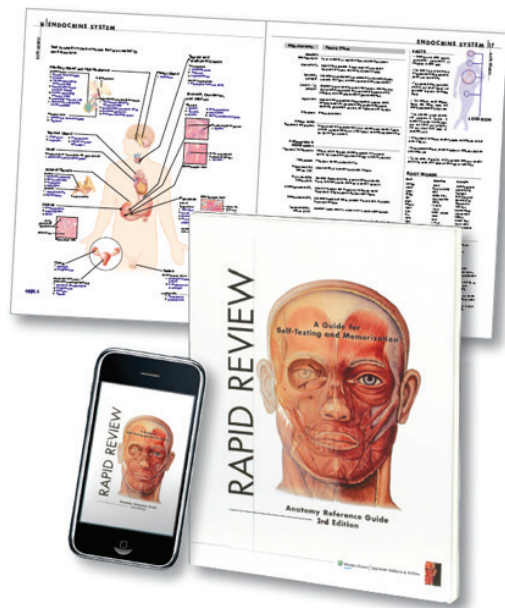
The 3rd edition of the **Rapid Review Anatomy Reference Guide** features 3 new sections — lymphatic system, immune system, and foot and ankle. This study aid continues to be a student favorite not only for its 31 sections of useful content, but because the labels of each system and organ are printed on acetate overlay pages, which allows quick and effective memorization. Designed for high school, college, and healthcare career students, this reference guide can also be used for patient education.

On the left hand side of each section you will find key features for effective studying:

- Illustrations of the major systems, organs and structures
- Labels of the system, organ or structure on acetate overlays for easy self-testing

On the right hand side of each section you will find useful related information:

- Additional 4-color illustrations
- Key facts about the system or organ
- Location of organ or system highlighted on a human figure
- Roots of key words and their meanings
- Related terminology and definitions



Study anywhere, anytime with these on-the-go guides.

Illustrated Pocket Anatomy Study Guides

- These popular study guides feature a new look, updated content and improved organizational features. The durable, folding format means that our most popular anatomical images are portable for the on-the-go student. Guides show numbered anatomical structures and contain answers that can be concealed for easy self-testing and memorization. Write-on/wipe-off laminated surface.
- Folded size: 9" x 4" (22.9cm x 10.2cm), unfolded size: 9" x 24" (22.9cm x 70cm)

Individual Study Guides

Muscular and Skeletal Systems, 2nd Edition

978-0-7817-7678-3.....

Anatomy of the Heart, 2nd Edition

978-0-7817-7681-3.....

Vertebral Column and Spine Disorders, 2nd Edition

978-0-7817-7682-0.....

Anatomy of the Brain, 2nd Edition

978-0-7817-7683-7.....

Spinal Nerves and the Autonomic Nervous System, 2nd Edition

978-0-7817-7684-4.....

Circulatory System, 2nd Edition

978-0-7817-7685-1.....

Anatomy and Disorders of the Respiratory System, 2nd Edition

978-0-7817-7686-8.....

Anatomy and Disorders of the Digestive System, 2nd Edition

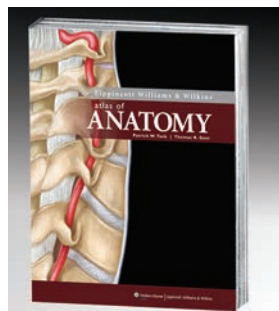
978-0-7817-7688-2.....



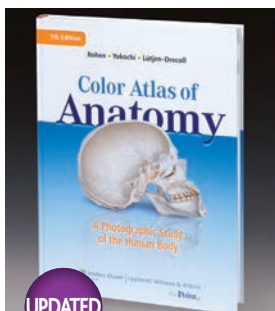
SAVE *Set of 8 Study Guides—Save 25%*
PASET8.....



A.

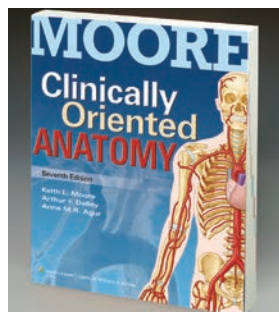


B.

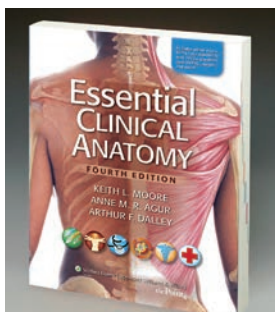


C.

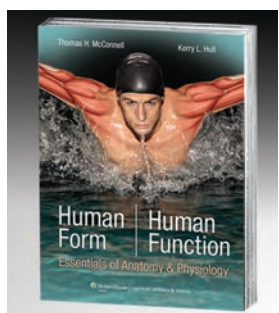
UPDATED



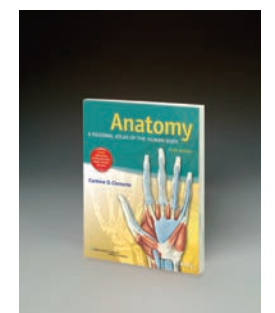
D.



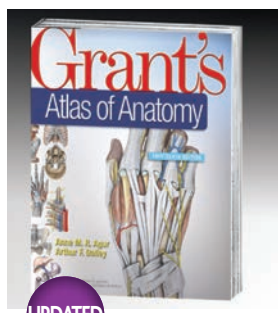
E.



F.

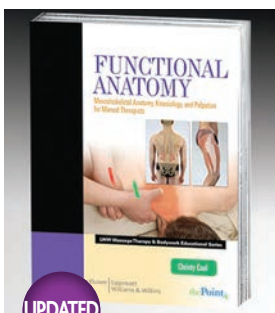


G.



H.

UPDATED



I.

UPDATED

A. AclandAnatomy.com Institutional version (annual):

978-1-4511-2776-8.....

Single User Version (1-year online subscription):

978-1-60913-434-1.....

Single User Version (6-month online subscription):

978-1-60913-434-1.....

- AclandAnatomy.com supports the teaching and learning of anatomy with more than 300 narrated videos of REAL cadaver specimens. Your subscription gives you anytime, anywhere access—from any smartphone or tablet.

B. Lippincott Williams & Wilkins Atlas of Anatomy

978-0-7817-8505-1.....

- This vibrantly colored regional atlas of human anatomy offers an unprecedented combination of visual aesthetic appeal and anatomical accuracy. With minimal text and labeling, the illustrations were each designed with a teaching objective in mind, aiding immediate focus, and easier and faster comprehension.

C. Color Atlas of Anatomy: A Photographic Study of the Human Body, 7th Edition North American Edition:

978-1-58255-856-1.....

International Edition:

978-1-60913-785-4.....

- Features full-color photographs of actual cadaver dissections, with accompanying drawings and images for a more realistic depiction of anatomic structures. Includes a companion Website with image bank, interactive software, and full text.

D. Clinically Oriented Anatomy, 7th Edition North American Edition:

978-1-4511-1945-9.....

International Edition:

978-1-4511-8447-1.....

- The world's best selling anatomy textbook provides all health science students with the vital information they need in study and practice. Includes online access to additional learning tools.

E. Essential Clinical Anatomy, 4th Edition North American Edition:

978-0-7817-9915-7.....

International Edition:

978-1-60913-112-8.....

- Presents the core anatomical concepts in a concise, easy-to-read, and student friendly format. The clinical *Blue Boxes*

are now grouped to reduce interruption of text and are categorized with icons to promote easier comprehension of clinical information. A companion Website includes fully searchable online text, interactive cases, USMLE-style questions, and clinical *Blue Box* video podcasts. Online faculty resources include an image bank and a question bank.

F. Human Form, Human Function: Essentials of Anatomy & Physiology

978-0-7817-8020-9.....

- This original text offers an accessible and casual narrative style, dynamic artwork, and a complete suite of ancillaries help build a solid foundation and spark students' enthusiasm for learning the human body. A companion Website includes the full-text online, podcasts, an online Dissection Atlas, animations, additional review questions, answers to various chapter questions, an online Instructor's Manual, and PowerPoint® slides.

G. Anatomy: A Regional Atlas of the Human Body, 6th Edition North American Edition:

978-1-58255-889-9.....

International Edition:

978-1-60913-308-5.....

- Provides a clear, colorful, clinically relevant review of anatomy. Features over 1,000 realistically detailed illustrations, combined with a wealth of accompanying diagnostic images and muscle charts, making this atlas an outstanding learning resource for all students in the health science and related professions. This edition includes new plates on the brachial plexus and on nerves of the lower limb as well as new clinical images, including CT scans, x-rays, and sonograms.

H. Grant's Atlas of Anatomy, 13th Edition North American Edition:

978-1-60831-756-1.....

International Edition:

978-1-4511-1031-9.....

- This cornerstone anatomy atlas reaches students worldwide with its realistic dissection illustrations, detailed surface anatomy photos, clinical images and comments, and quick-reference muscle tables. Renowned for its accuracy, pedagogy, and clinical relevance, this classic atlas boasts significant enhancements, including updated artwork, new conceptual diagrams, and vibrantly re-colored illustrations. Clinical material is clearly highlighted in blue text for easy identification.
- 888 pages, 1600 illustrations, 79 tables, soft cover, 9-3/16" x 10-7/8" (23.34cm x 27.62cm)

I. Functional Anatomy: Musculoskeletal Anatomy, Kinesiology, and Palpation for Manual Therapists, Revised and Updated Edition

978-1-4511-2791-1.....

- Helps readers explore and understand the structures, regions, and layers of the body, from bones to ligaments to superficial and deep muscles. Muscle profiles indicate origin, insertion, and innervation points while step-by-step instructions teach effective bone and muscle palpation. Includes online access to additional learning tools.

J. Orthopedic and Neurological Examination in a Flash

978-0-7817-7918-0.....

- Designed for easy reference and rapid memorization, these illustrative flash cards provide the clinician with all the essential orthopedic and neurological tests required for a thorough examination and accurate diagnosis. The flash card package covers over 240 individual tests which makes it the ideal reference tool for students, nurses, physician assistants, physicians, physical therapists, and chiropractors wishing to conduct a thorough patient exam.

K. Rohen's Photographic Anatomy Flash Cards

978-0-7817-7835-0.....

- Based on *Rohen's Color Atlas of Anatomy*, 6th Edition, this flash card set features 225 full-color flash cards that are derived from photographs of actual cadaver dissections.

L. Clinical Anatomy for Your Pocket

978-0-7817-9193-9.....

- This pocket-sized flipbook serves as a quick reference and study tool for human gross anatomy. Its concise, tabular format with strong focus on high-yield topics and presentation makes it ideal for course and exam review. Clinically significant facts, mnemonics, and easy-to-learn concepts complement the tables.

M. Moore's Clinically Oriented Anatomy Flash Cards

978-1-4511-7335-2.....

- This clinically relevant anatomy flash card set is based on the concepts and full-color images in *Clinically Oriented Anatomy* and *Grant's Atlas of Anatomy*. The card set is a convenient, flexible, portable, practical study and review tool for gross anatomy courses, USMLE Step 1 preparation, clinical anatomy review during clerkships, and for dental and allied health students.

N. Coloring Atlas of the Human Body

978-0-7817-6530-5.....

- A comprehensive overview of human anatomy and physiology for visually-oriented and kinesthetic learners. Coloring a series of specially designed diagrams and accompanying flashcards aids in remembering concepts much more effectively than with traditional textbooks alone. Completed coloring exercises and flashcards can also serve as tools to review and prepare for examinations. Companion Website includes two additional coloring exercises and bonus study and test taking tips.

O. Lippincott's Illustrated Q&A Review of Anatomy & Embryology

978-1-60547-315-4.....

- New series offers timely, clinically relevant board-style questions—ideal for course review and board prep. *Anatomy & Embryology* features anatomical, clinical (signs and symptoms), and radiological images such as ultrasounds, MRIs, and X-rays. A companion Website provides online access to Q&A.

P. Stedman's Medical Dictionary, 28th Edition

978-0-7817-3390-8.....

- Contains the latest terminology in all major specialties. More than 1,050 illustrations, photos and tables. Also available on PDA with over 102,000 terms.

Q. Stedman's Medical Dictionary for the Health Professions and Nursing, 7th Edition

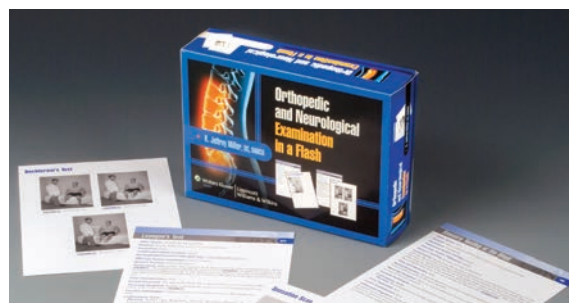
978-1-60831-692-2.....

- Features over 56,000 entries, 1,000 color images and photographs, anatomical insert by Anatomical Chart Company, 68 appendices and cut thumb tabs for quick reference. Includes a FREE one-year subscription to **Stedman's Online**, which contains all content from the print version in searchable, easy-to-use format, plus additional images, videos, and more than 48,000 audio pronunciations. Also included is a FREE version of **Stedman's Plus Medical/Pharmaceutical Spellchecker**.

R. Stedman's Abbreviations, Acronyms & Symbols, 5th Edition

978-1-60831-699-1.....

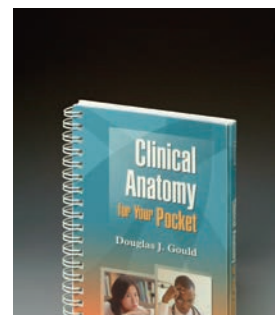
- Gain immediate access to medical terms that help you comply with the new JCAHO mandate for standardized hospital abbreviations. You'll have thousands of new abbreviations for a wide range of specialties. Includes a FREE three-month subscription to **Stedman's Online**.
- 1,200 pages, over 75,000 entries, soft cover, 6" x 9" (15.24cm x 22.8cm)



J.



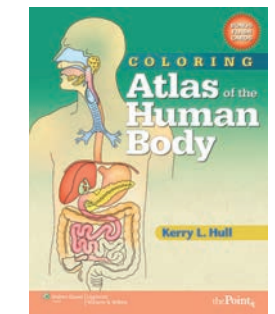
K.



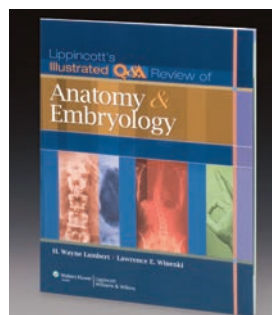
L.



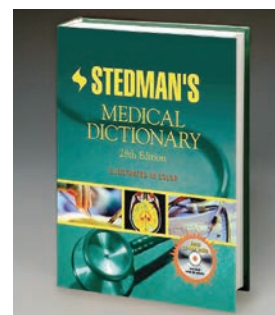
M.



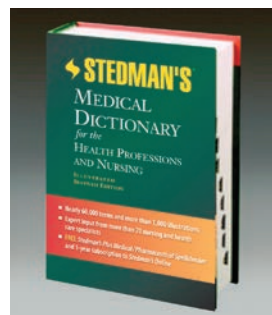
N.



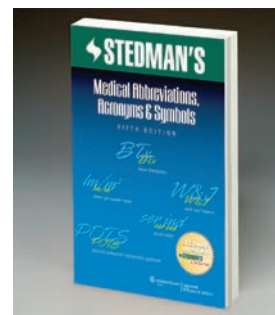
O.



P.



Q.

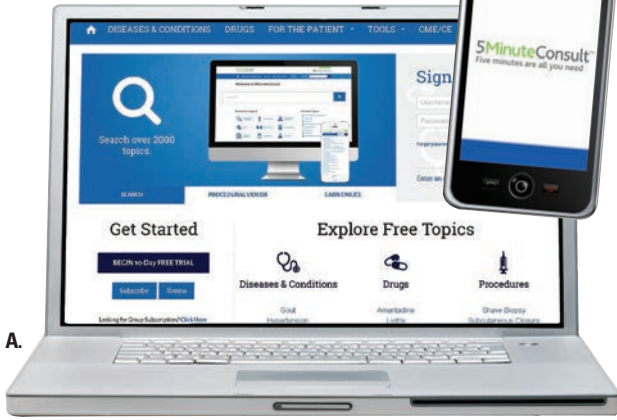


R.

Rapid, Reliable Results. For the Best Patient Care.

5MinuteConsult.com

**CONTINUOUSLY
UPDATED**

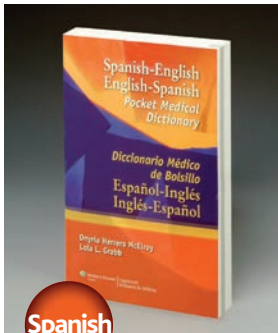


A. 5MinuteConsult.com

Based off the best-selling clinical content in family medicine for over 20 years, this portal is the fastest way to obtain the most likely diagnosis, treatment and management of thousands of diseases, conditions, drugs and more at the point-of-care.

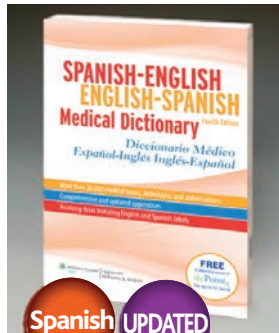
- Coverage includes over 2,000 topics - most of which are exclusively online
- Clinical decision tools include lab tests, algorithms, procedure videos and more
- Earn CME/CE credits; accredited by AAFP/AMA and ANCC
- Easy-to-understand patient handouts; customize with specific patient notes
- Available online and optimized for mobile devices
- Content from leading titles including: 5-Minute Clinical Consult, 5-Minute Emergency Medicine Consult, 5-Minute Pediatric Consult and many more
- Offers user-friendly semantic search to search across all content
- Improve patient care in clinical settings while reducing medical errors and costs
- Integrate diagnosis and treatment with Electronic Medical/Health Record Systems

Visit 5MinuteConsult.com to start a **FREE TRIAL!**



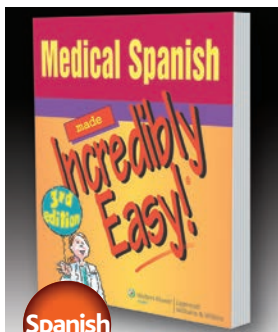
Spanish

B.



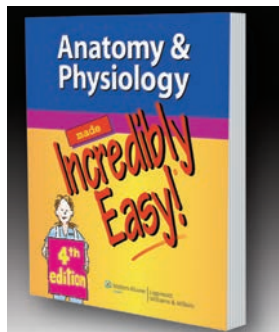
Spanish **UPDATED**

C.

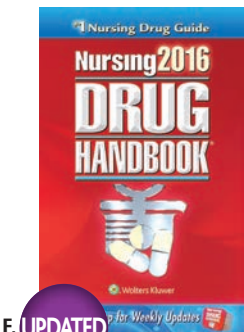


Spanish

D.

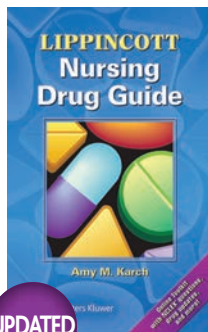


E.



UPDATED

F.



UPDATED

G.

B. Spanish-English English-Spanish Pocket Medical Dictionary

978-0-7817-7951-7.....

- This handy reference will help non-Spanish-speaking physicians and other health care providers communicate with Spanish-speaking patients with greater precision and ease. This portable pocket-size book contains over 12,000 terms and includes a section on common medical abbreviations.

C. Spanish-English English-Spanish Medical Dictionary, 4th Edition

978-1-60831-129-3.....

- Designed to give easier and faster access to over 23,000 comprehensive medical terms, technology-related medical terms, and medical abbreviations, plus definitions, translations, tips on pronunciation, signs and symptoms of common disorders, practical phrases used in daily communication with patients, and much more.
- 912 pages, soft cover

D. Medical Spanish Made Incredibly Easy!, 3rd Edition

978-0-7817-8941-7.....

- Presents Spanish words, phrases, questions, and instructions of all body systems, signs and symptoms, and diagnostic tests. Features include a picture dictionary, clear body-system illustrations with labels in both languages, rules of Spanish pronunciation and grammar, and indexes in English and Spanish. A companion Website offers audio files with correct pronunciations for hundreds of medical terms in English and Spanish, downloadable to a computer or MP3 player.
- 352 pages, 200 illustrations, soft cover

E. Anatomy & Physiology Made Incredibly Easy!, 4th Edition

978-14511-4726-1.....

- Presents the vast, sometimes overwhelming details of anatomy and physiology in the user-friendly, award-winning *Incredibly Easy!* style. Featuring a 4-color interior and light-hearted humor throughout, the text reviews the core concepts of anatomy and physiology and offers detailed coverage of every major body system. Companion Website offers online ancillaries for students and instructors.
- 384 pages, soft cover

F. Nursing 2016 Drug Handbook, 36th Edition

978-1-4698-8704-3.....

- The 36th Edition of the best-selling, original drug handbook for nurses has been completely updated with 4,523 changes to clinical information and complete drug monographs for 18 new FDA-approved drugs. Offers comprehensive information on more than 1,200 generic and 2,400 brand-name drugs, with special attention given to maintaining patient safety.

G. Lippincott's Nursing Drug Guide

978-1-4698-3937-0.....

- Provides quick, current, comprehensive, A-to-Z access to drug information for 725 commonly used drugs, including indications, dosages, and administration. A 32-page full-color photo guide to pills and capsules and multiple appendices summarize key clinical information. Online toolkit offers 200 drug monographs, patient-teaching aids, NCLEX questions, and more!



**"Blueprint for Health"
Series Chart Set**
Save over 20%



KSSET9.....

- A collection of 9 charts designed for 8- to 10-year-olds. Each chart illustrates its subject in colorful, clear pictures. Concepts are explained in easily understood anatomically correct terms and text.
- Each chart measures 20" x 26" (50.8cm x 66cm) and is laminated for durability with eyelets for hanging.

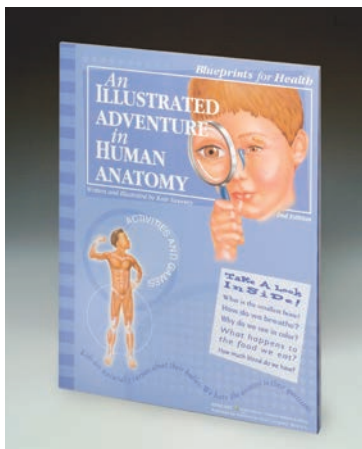
Individual laminated charts

- A. Your Respiratory System**
978-1-58779-741-5.....
- B. Your Taste and Smell**
978-1-58779-747-7.....
- C. Your Brain and Nerves**
978-1-58779-743-9.....
- D. Your Ears Hearing and Balance**
978-1-58779-751-4.....
- E. Your Eyes**
978-1-58779-749-1.....
- F. Your Digestive System**
978-1-58779-739-2.....
- G. Your Skeleton**
978-1-58779-735-4.....
- H. Your Muscles**
978-1-58779-737-8.....
- I. Your Heart and Blood**
978-1-58779-745-3.....
- J. An Illustrated Adventure in Human Anatomy, 2nd Edition**
978-1-58779-490-2.....

- Designed for ages 8-12. The skeletal, muscular, digestive, and respiratory systems as well as the brain & nerves, heart & blood, eyes and ears are all illustrated with kid-friendly pictures and easy to understand descriptions and anatomically correct terms.
- Soft cover, 56 pages. 8-1/2" x 11" (21.6cm x 27.9cm)

K. Dimensional Man Chart
978-0-671-70342-4.....

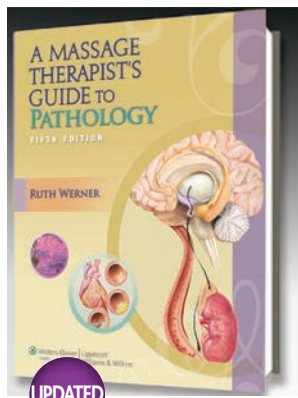
- This life-size anatomical chart transforms into a 3-dimensional model in minutes. Study various organs by unlatching or turning movable parts to reveal inner structures. Includes an index identifying over 300 bones, muscles, organs, arteries and veins.
- Size: 72" (182.9cm) tall.



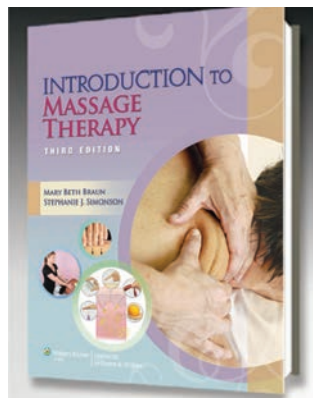
J.



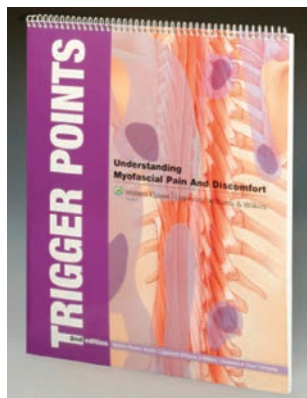
K.



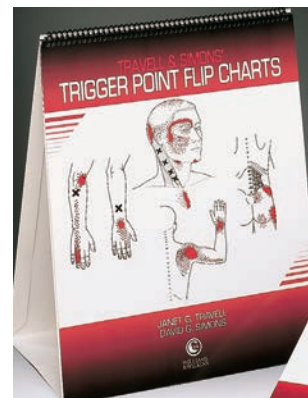
A.



B.



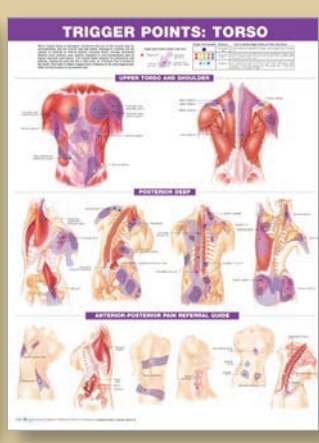
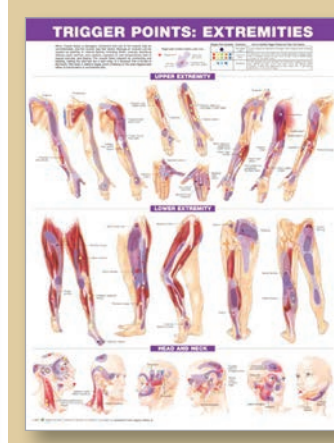
C.



D.



E.



F.

A. A Massage Therapist's Guide to Pathology, 5th Edition

978-1-60831-910-7.....

- This new edition offers detailed information on the etiology, signs, symptoms, and treatment of more than 500 diseases and conditions, and also helps students discover how massage therapy influences the healing process. Organized by body system, this cornerstone textbook features case histories and updated content to reflect new research on pathologies, and maintains the focus on not only explaining the disease, but also its applicability and indications in massage therapy.
- 663 pages, 232 illustrations, soft cover

B. Introduction to Massage Therapy, 3rd Edition

978-1-4511-7319-2.....

- A comprehensive, user-friendly introductory text that helps beginning students learn history, anatomy, physiology, pharmacology, assessment, terminology and pathology. Illustrations and artwork clarify anatomy, positioning and hands-on techniques.
- 544 pages, 400 illustrations, soft cover

C. Trigger Points: Understanding Myofascial Pain and Discomfort, 2nd Edition

978-1-58779-959-4.....

- Flip chart is perfect visual aid for explaining role of trigger points in causing pain and discomfort. Includes 33 detailed anatomical illustrations of trigger points, affected pain sensitive areas and 22 diagrams of pain relief exercises. Built-in easel.
- Nine markable, laminated pages. Size: 11" x 14" (27.9cm x 35.6cm)

D. Travell and Simons' Trigger Point Flip Charts

978-0-683-18008-4.....

- From definitive work on locating trigger points and easing myofascial pain. All upper and lower extremity pain patterns and corresponding trigger points clearly illustrated in convenient spiral bound flip chart. Includes folding easel.
- 24 pages, size: 12" x 15" (30.5cm x 38.1cm)

E. Trigger Points I and II Chart Set

TRIGP (heavy paper).....

TRIGL (laminated).....

- Shows every trigger point in human anatomy. Important areas are color-coded.
- Set of 2 charts, each 21" x 34" (53.3cm x 86.4cm)

F. Trigger Point Chart Set: Torso and Extremities, 2nd Edition

978-0-7817-7306-5 (heavy paper).....

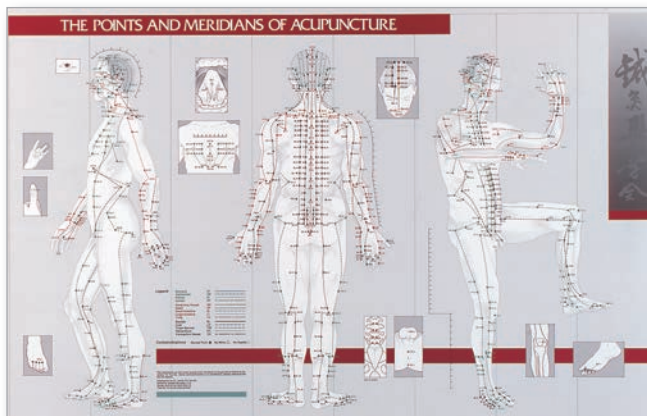
978-0-7817-7307-2 (laminated).....

- Clearly labels specific muscles affected by trigger points. Colorfully illustrated trigger point locations, primary and secondary pain sensitive zones, origins and insertions for many impacted muscles.
- Set of 2 charts, each 20" x 26" (50.8cm x 66cm)

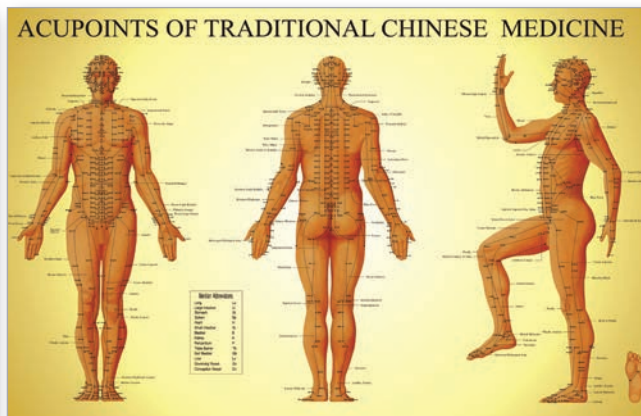
G. The Points and Meridians of Acupuncture

RW1L.....

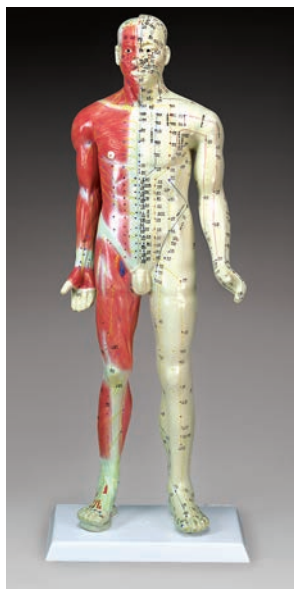
- Based on Dr. James Tin Yau So's *Book of Acupuncture Points*, this chart combines 3 separate views and many smaller illustrations on one 23" x 36" (58.4cm x 91.4cm) chart. Concentrating on channel point positions, it also includes the major extra points with contraindication.
- Laminated for durability.



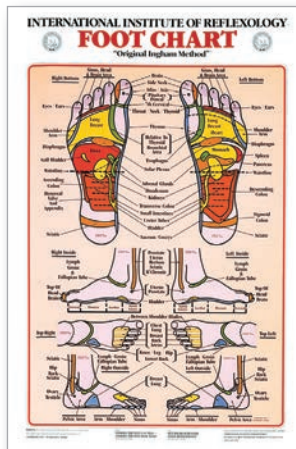
G.



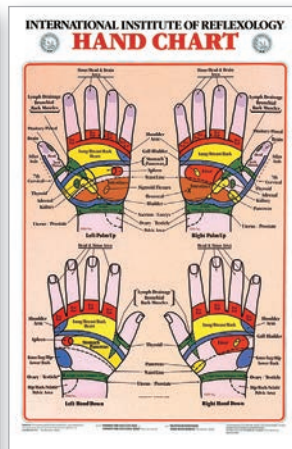
H.



I.



J.



K.



L.

H. Acupoints of Traditional Chinese Medicine

- RWZL.....
- Front, back and side views include the 14 main meridians and points of traditional Chinese medicine and over 110 anatomical landmarks and muscle references commonly used when describing acupoint locations. Laminated.
 - Size: 24" x 36" (70cm x 91.4cm)

I. Deluxe Acupuncture Model

- 80401.....
- A detailed plaster model depicting the Twelve Primary channels, the Eight Extraordinary channels and the para-spinal "Hwa To" points on the left side, with "cun" markers for easy evaluation of distances between points. The right side is a subcutaneous view of the circulatory, neural and muscular structures. Guide included.
 - Size: 34" tall (86.4cm)

J. Foot Reflexology Chart

- FWC20L.....
- From the International Institute of Reflexology, this chart shows anatomical relationships between foot reflexes and corresponding areas of the body. Laminated.
 - Size: 17" x 31" (43.1cm x 78.7cm)

K. Hand Reflexology Chart

- HWC30L.....
- From the International Institute of Reflexology, this chart shows anatomical relationships between hand reflexes and corresponding areas of the body. Laminated.
 - Size: 17" x 31" (43.1cm x 78.7cm)

L. Reflexology Chart

- EE1L.....
- This colorful chart locates these reflex points, which then allows you to work these areas for maximum results, contributing to general health and well-being.
 - Laminated for durability. Size: 17" x 22" (43.1cm x 55.9cm)



A.



B.



C.

A. How Does Your Fat Stack Up? Display Case
LDA105.....

B. How Does Your Sugar Stack Up? Display Case
LDSU105.....

C. How Does Your Salt Stack Up? Display Case
LDSA105.....

SAVE *Set of all 3—Save 10%*
LDC05.....

- Our popular display cases reflect current trends in nutrition. Each display demonstrates amounts of hidden fat, sugar, or salt in 18 different foods using real salt, sugar, and realistic pats of butter. An updated selection of common and popular foods is shown. Includes health educator guide.
- Made of sturdy acrylic. 9" x 14" x 1-1/2" (22.9cm x 35.6cm x 3.8cm)

D. Fat and Muscle Replicas
WA7173 One-lb. Fat Replica
WA4313 Five-lb. Fat Replica
WA14573 One-lb. Muscle Replica
WA8836 Five-lb. Muscle Replica

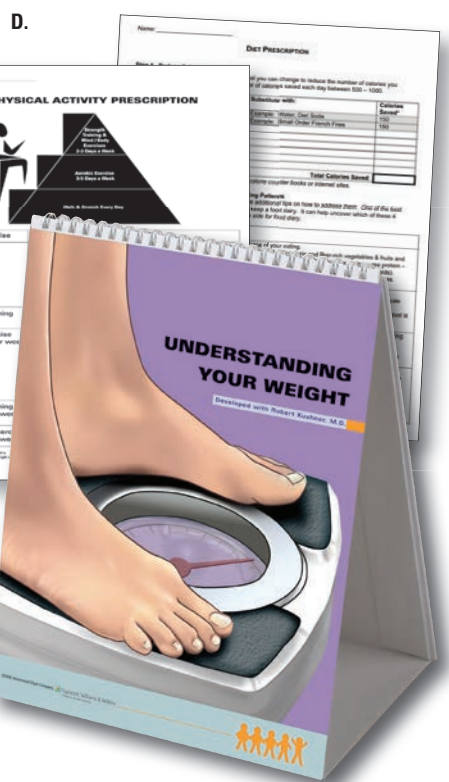
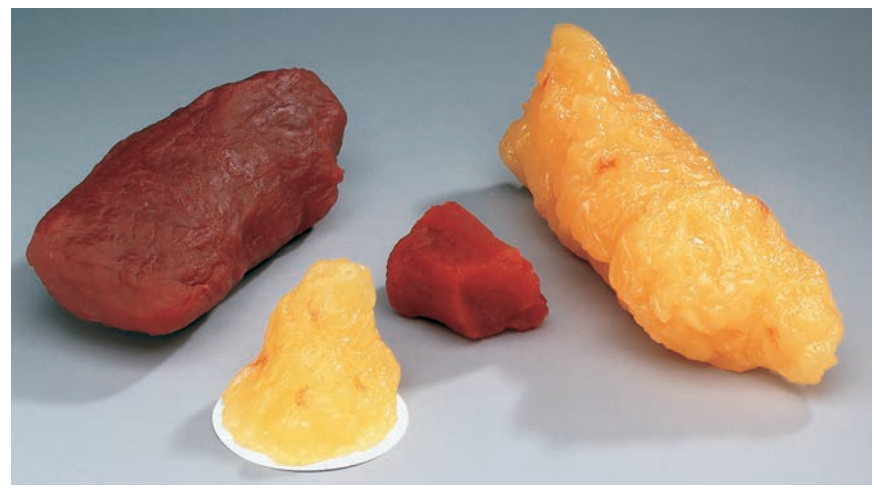
- Grossly dramatic replicas of 1 and 5 lbs. (454g / 2.27kg) of fat and muscle are shocking and motivating attention-getters. (Not anatomically correct.)

E. Understanding Your Weight Flipchart Book with Pads
978-1-58779-926-6 Flipchart Book

- Designed to help health professionals discuss the sensitive subject of excess weight with adult patients. Flipbook systematizes obesity counseling techniques developed by Dr. Robert Kushner of Northwestern Memorial Hospital's Wellness Center. Topics presented in a step-by-step process to aid counseling with simple visual and textual information facing the patient and "educator tips" on side facing the physician/counselor. 50 sheet "prescription" pads included to track physical activity. Replacement pads are also sold separately.

F. Nutrition and Healthy Weight Chart Set
SAVE *Save 15% over individual chart prices!*
NWC.....

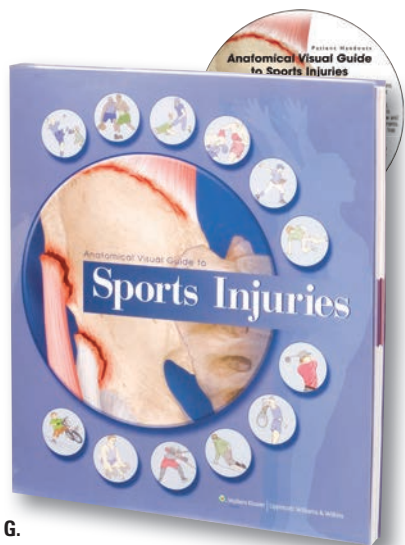
- Includes 2 discounted 20" x 26" (50.8cm x 66cm) laminated charts: Maintaining a Healthy Weight and Keys to Healthy Eating, 3rd Edition.



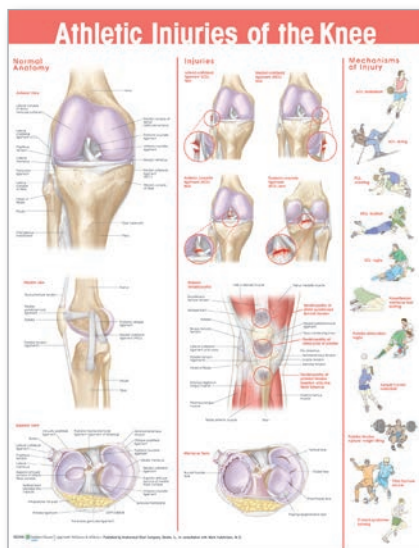
E.



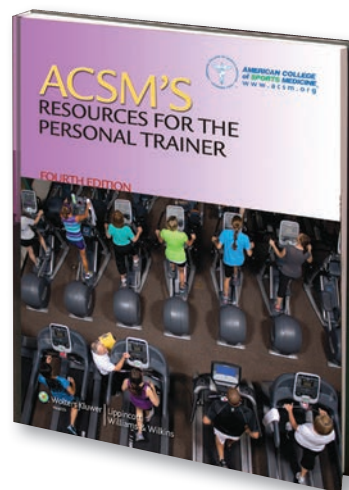
F.



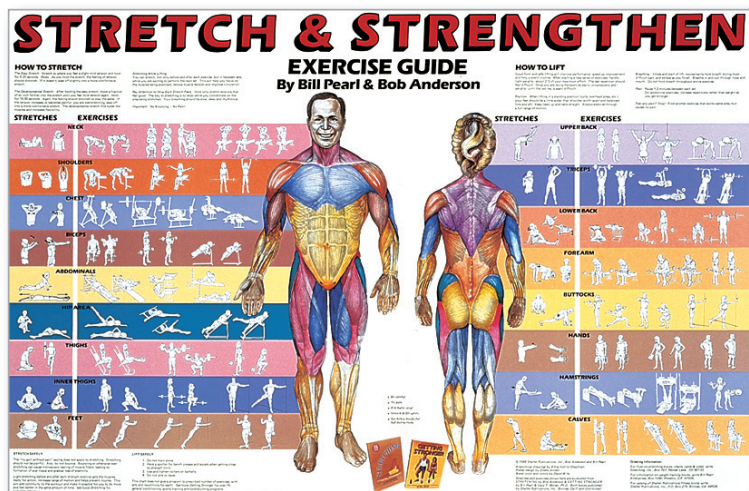
G.



H.



I.



J.

G. Anatomical Visual Guide to Sports Injuries

- 978-0-7817-7361-4.....
- This highly visual guide is sensibly organized by body region and displays the basic layers of anatomy, movement, and common sports injuries in adults and children. A BONUS CD-ROM lets you easily print more than 55 patient teaching handouts that show clear, anatomically correct images along with sports injury explanations.

H. 6720 Athletic Injuries of the Knee

- 978-0-7817-8675-1 Laminated.....
 978-0-7817-8672-0 Paper.....

I. ACSM's Resources for the Personal Trainer, 4th Edition

- 978-1-4511-0859-0.....
- Official ACSM tool for The ACSM Certified Personal TrainerSM exam, provides essential, foundational expertise for professionals involved in developing and implementing individualized approaches to exercise. Includes information on

writing appropriate exercise recommendations, leading and demonstrating safe and effective methods of exercise, and motivating individuals to begin and continue healthy behaviors.

- 592 pages, 202 illustrations, hardcover

J. Stretch & Strengthen Chart

- 5009-L.....
- This chart shows you how to stretch every muscle group safely. Laminated.
 - Size: 35"x 23" (88.9cm x 58.4cm)

K. Male Muscular Figure

- AS3.....
- A 1/4 life-size model of the male muscular system, painted to show topography of muscles. Includes a key card booklet referencing 46 labeled muscles and 9 labeled bones. Removable from green[®] base. Does not dissect.
 - Somso[®] Modelle, size: 21"x 13" x 6" (53.3cm x 33cm x 15.2cm)



K.

Be sure to see ...

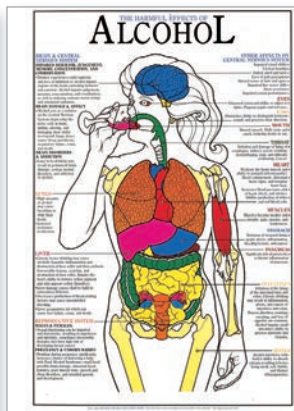
- Anatomical Chart Collections (pages 27-30)
- Anatomical Models (pages 42-57)
- Gifts (page 75)
- Reference Materials & Study Aids (pages 31-34)
- Skeletal Models (pages 58-74)



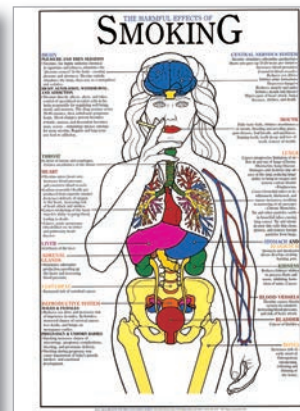
A.



B.



C.



D.



E.



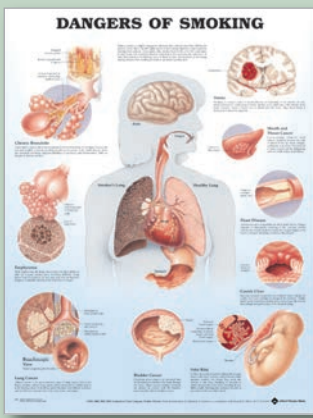
F.



G.



H.



I.



A. CPR for Adults Chart

CPR1L (ages 9 and over).....
 • Step-by-step guide explains the emergency techniques of CPR. Revised in 2012.
 • Size: 18" x 24" (45.7cm x 61cm)

B. Choking First Aid for Adults Chart

CPR4L (ages 9 and over).....
 • Step-by-step guide explains the techniques to be used on a choking victim.
 • Size: 18" x 24" (45.7cm x 61cm)

C. Harmful Effects of Alcohol

HDE-2L.....

D. Harmful Effects of Smoking

HDE-4L.....

• Informative and safety-filled charts showing the harmful effects of 2 of the most talked about subjects in schools today. Each chart highlights the harmful affected areas. Laminated for durability. Sold individually.
 • Size: 24" x 36" (61cm x 91.4cm)

E. Breast Cancer Model

G340.....
 • This model is made of a durable life-like material with 3 masses that simulate locations of typical tumor growths. Removable patient education card included.
 • Size: 8-3/4" x 6-1/4" x 3" (22.2cm x 15.9cm x 7.6cm)

F. Multi-Type Breasts Model

A26426.....
 • Featuring breast models that can be picked up and examined, this display highlights the importance of breast self-examination, mammography, and clinical breast exams in the detection of breast cancer and other breast conditions. Model includes a breast without lumps, a breast with fibrocystic tissue, and a breast with lumps and comes with a carrying case.
 • Size: 13-1/2" x 11-1/2" x 14-1/2" (34.3cm x 29.2cm x 36.8cm)

G. Breast Examination Teaching Model

A26500 (standard BSE model).....
 A26502 (heavy duty BSE model).....

• This full-sized model is made of a synthetic material that closely resembles the touch and feel of real flesh. Contains palpable and non-palpable lumps that simulate easy and hard-to-find breast tumors. Includes a slip-on cover and carrying case.

H. Testicular Self-Examination Model

A26400.....
 • This life-size model of the scrotum and testicles, made from BIOLIKE™ synthetic tissue, has two simulated tumors embedded in each testicle.

I. Healthy Lifestyles Chart Set

Save 25% over individual chart prices!
 DCS1.....
 • Set includes Dangers of Smoking chart and Dangers of Alcohol chart.
 • Both charts are 20" x 26" (50.8cm x 66cm) and laminated with eyelets.



Hand Hygiene

Why is Hand Hygiene so Important?

Hands are the main pathways to germ transmission during health care. Therefore, good hand hygiene is the most important method of avoiding spreading germs and preventing health-care associated infections.

When to Practice Hand Hygiene in Patient Care?

Before • Touching a patient • Clean/aseptic procedure • Glove Use
After • Body fluid exposure • Touching patient or patient surroundings • Glove use

Hand Rubbing Techniques

Rub hands with alcohol for hand hygiene. Wash hands when visibly soiled.
 Duration of hand rubbing process: 20 - 30 seconds.



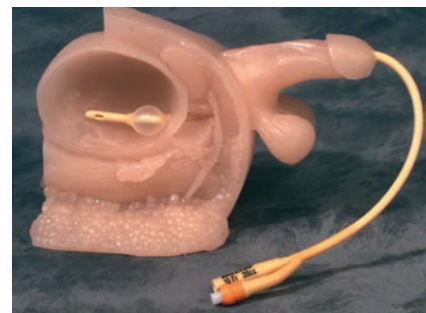
Reminders

Alcohol hand rubs are preferred over hand washing, because alcohol removes microorganisms from hands more quickly and effectively than hand washing. However, after caring for a patient on isolation for *Clostridium difficile* infection or Norovirus infection, hands should be washed with soap and water. Alcohol will not kill these two microorganisms.
 • Alcohol is less drying to the skin than hand washing.
 • Hand care products should be used regularly to keep skin of the hands in good condition.
 • Finger nail tips should be kept short—not longer than 1/4 inch (6 mm).
 • Artificial nails should not be worn by healthcare workers who care for high-risk patients.

© 2014 Anatomical Chart Company. Published by Anatomical Chart Company. Developed in consultation with C. Glen Meyhal, M.D.



J.



L.



M.

K. J. Injection Teaching Model
 A26200
 • Teaching model provides flesh-like surface for practice of injection techniques. Biolike™ material can be punctured repeatedly without showing holes. Injection of liquid not recommended. Includes carrying case.
 • Size: 6" x 4-3/4" x 1-3/4" (15.6cm x 12.1cm x 4.4cm)

K. Hand Hygiene Chart
 978-1-4511-9338-1 Laminated

L. Male Model with Bladder
 A26104
 • This model allows students to practice locating the urethra and inserting a catheter through it into the bladder. Made of Biolike 2™, a soft fleshy feeling plastic, this model features a visco-elastic urethra that accurately duplicates the feeling of inserting a lubricated catheter into the bladder. Carrying case and lubricant included. Catheter not included. Size: 9" x 4" x 6" (22.9cm x 10.1cm x 15.2cm)

M. Female Model with Bladder
 A26108
 • Allows students to locate urethra and pass lubricated catheter through it into bladder. Made of Biolike™, a soft fleshy material, it has a visco-elastic urethra. Lubricant included.
 • Female 6" x 4" x 6" (15.2cm x 10.1cm x 15.2cm)

Customers rate Anatomical Chart Company products

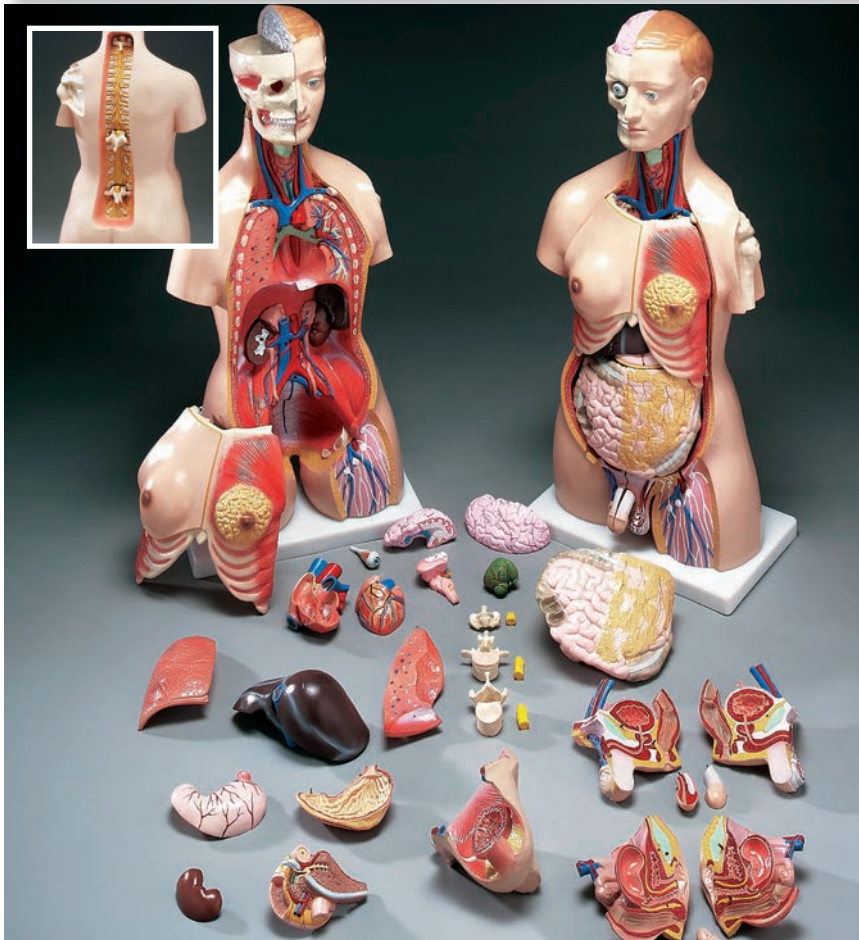
★★★★★

"Wonderful teaching tool"

Valerie, Dallas, TX

Anatomical models say “please touch” for active, hands-on learning.

Patients and students gain a true grasp of anatomical features with replicas that explore everything from heart conditions to the smallest bones of the ear.



A.



B.

A. Budget Functional Francis Torso

- CMT32.....
- Male/female torso features 32 parts: 3 removable vertebrae, 3 spinal cord segments, a female breast plate, head, eyeball, 4-part brain, 2 half lungs, 2-part heart, liver, one-half kidney, duodenum with pancreas and spleen, 2-part stomach, intestines, 4-part male genitalia, 2-part female genitalia with removable fetus, and a gender neutral bladder cover. Mounted on base.
 - Size: 33-1/2" (85.1cm) tall

B. Thin Man Anatomy Overlay Chart

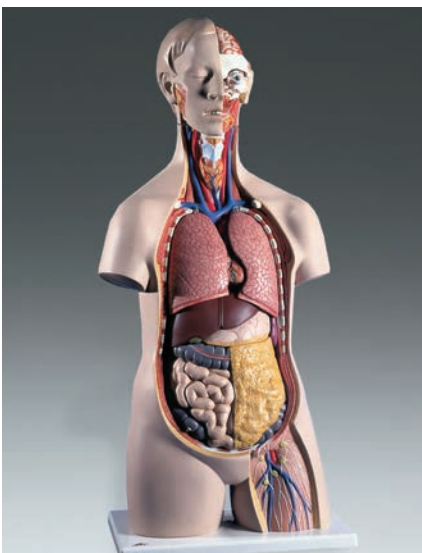
- DG700.....
- Life-size; 4 overlays peel away layers of tissue to reveal 200 labeled anatomical features; warp proof board supported by steel frame
 - Denoyer-Geppert Co., size: 63" (160cm) tall, weight: 15 lbs. (6.8kg).

C. Classic Sexless Torso

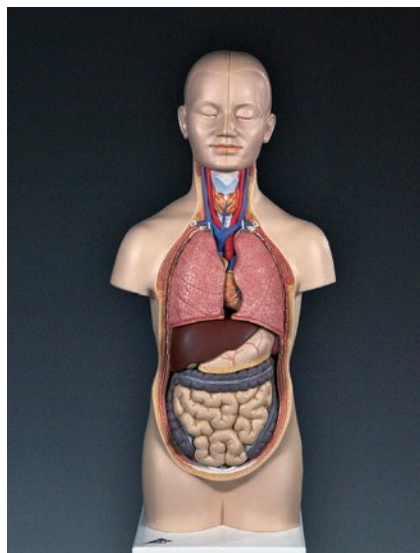
- B13.....
- Life-size; separates into 14 parts including: 3-part head, 2 lungs, 2-part heart, stomach, liver with gallbladder, intestines (small and large), one-half kidney and one-half bladder. Mounted on base.
 - 3B Scientific GmbH, size: 36" (91.4cm) tall

D. 12-Part Mini Torso

- B22.....
- One-third life-size; 12 parts include: head (2 parts), one-half brain, lungs (2 parts), heart (2 parts), liver with gallbladder, stomach and intestines (small and large).
 - 3B Scientific GmbH, size: 21" (53.3cm) tall



C.



D.

E. Budget Dapper Dan Torso

CMT2.....

- Male and female torsos with a removable breast cover revealing 14 dissected parts: torso, breast plate, lung (4 parts), heart, trachea and esophagus, diaphragm, stomach, liver, pancreas and spleen, bladder and uterus, and intestines. Mounted on base.
- Size: 18" (45.7cm) tall

F. Budget Little Joe Torso

CMT4.....

- Male torso dissects into 15 parts: torso, posterior section of head, brain (2 parts), trachea, lungs (4 parts), heart, liver stomach, intestines, and kidney with pancreas.
- Size: 10" (25.4cm) tall

G. Budget Peter/Petra Torso

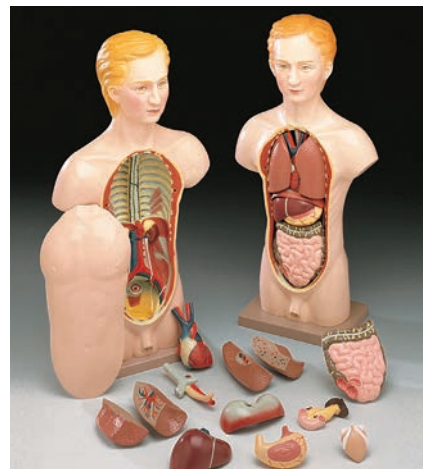
CMT3.....

- Dissects into 13 parts: 2-part head with removable half brain, 2 lungs, heart, liver, intestines, 2-part female genitalia, 2-part male genitalia, and torso on base.
- Size: 16-1/2" (41.9cm) tall

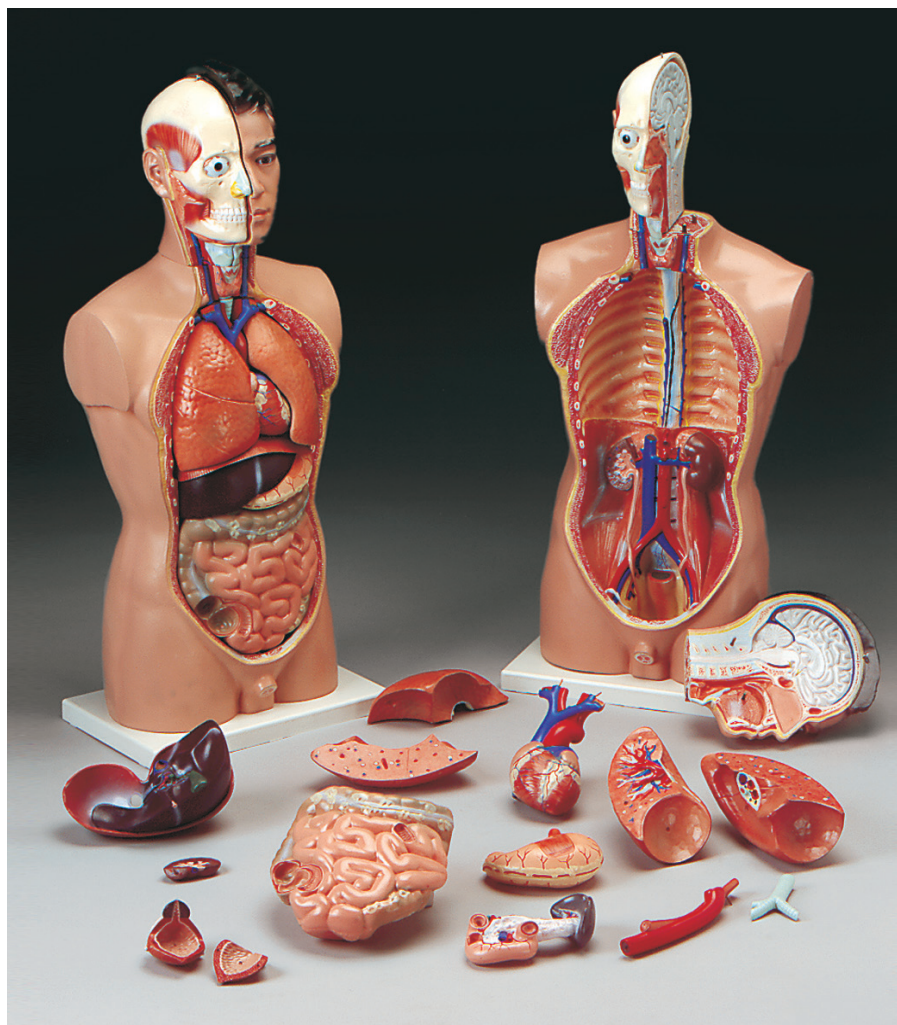
H. Budget Tall Paul Torso

CMT5.....

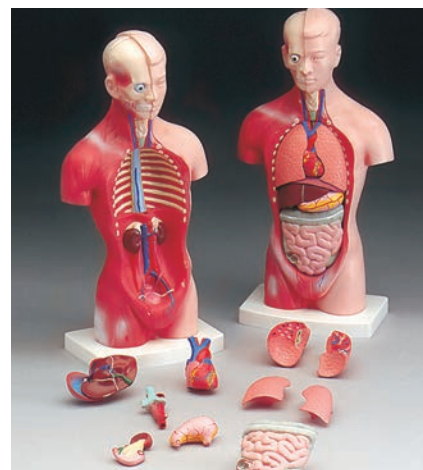
- Dissects into 19 parts: torso, head (2 parts), brain, lung (4 parts), heart, trachea, esophagus and descending aorta, diaphragm, stomach, duodenum with pancreas and spleen, intestines, cecum, kidney, bladder (2 parts), liver. Mounted on base.
- Size: 33-1/2" (85.1cm) tall



E.



H.



F.



G.



A.



B.



C.



D.

A. Economy Eye Model

F15.....

- 3-times life-size model dissects in 6 parts: both halves of the sclera with cornea and eye muscle attachments, both halves of choroids with iris, retina, lens and vitreous humor. Mounted on stand.
- 3B Scientific GmbH, size: 3-1/2" x 3-1/2" x 6" (8.9cm x 8.9cm x 15.2cm)

B. Classic Human Eye Model

F-10.....

- 6-times enlarged; dissects in 6 parts: vitreous humor, retina (anterior/posterior portions) and outer eye (2 parts). On stand.
- 3B Scientific GmbH, size: 5" x 5-1/2" x 8" (8.9cm x 8.9cm x 15.2cm)

C. Budget Whopper Eye Model

CH2.....

- 6-times enlarged. For beginning students; dissects in 7 parts: top section, vitreous body, bottom section, lens (2 parts), iris, cornea. Mounted on stand.
- Size: 5-1/2" x 5-1/2" x 6-1/4" (14cm x 14cm x 15.9cm)

D. Human Eye Model

JS6513.....

- 5-times life-size, this numbered fiberglass model divides into 7 parts: 2-part outer eye, retina and vitreous humor, 2-part choroid, lens, and cornea; 18 numbered parts correspond to key.
- Size: 7" x 4" x 4" (17.8cm x 10.1cm x 10.1cm)

E. Eyeball with Part of Orbit Model

CS22.....

- 3-times enlarged. Horizontally sectioned; all 6 muscles of the eye and the optic nerve shown; 9 parts: superior rectus and exterior straight muscle, upper half of the sclerotic membrane, choroid membrane and retina (2), vitreous humor, lens, lacrimal organs and eyelids and orbit. Mounted on green® base.
- Somso® Modelle, size: 8-1/4" x 8" x 12-1/2" (21cm x 20.3cm x 31.8cm)

F. Cutaway Eye Model

G275.....

- 4-times enlarged. Cutaway eye to show inner anatomy: retina, optic disk, optic nerve, choroid, and blood vessels; clear cornea and lens are removable; removable patient education card. Mounted on base.
- Size: 5" x 4" x 3-3/4" (12.7cm x 10.2cm x 9.5cm)

G. Cataract Eye Model

G280.....

- 4-times enlarged. Shows inner anatomy of the eye as well as various types of cataract conditions; 5 interchangeable lenses illustrate various cataracts; removable patient education card. Base included.
- Size: 5" x 3-3/4" x 3" (12.7cm x 9.5cm x 7.6cm)

H. Life-Size Ear Model

G225.....

- One-piece, life-size model shows outer ear, ear canal, and inner ear mechanisms, including ossicles, cochlea, nerve, and eustachian tube; removable patient education card. Includes base.
- Size: 4"x 2-1/2"x 3" (10.2cm x 6.4cm x 7.6cm)

I. Four-Part Ear Model

E10.....

- 3-times life-size model of the outer, middle and inner ear has a removable ear drum with hammer, anvil and stirrup as well as a 2-part labyrinth with cochlea and auditory/balance nerve. Mounted on base.
- 3B Scientific GmbH, size: 13-1/3"x 6-1/4"x 7-1/2" (33.9cm x 15.9cm x 19cm)

J. Functional Human Ear Model

DG133.....

- 5-times enlarged; features include a functional equilibrium demonstration using visible air bubbles that move when tilted; instructor's key with 36 labeled parts.
- Denoyer-Geppert Co., size: 16"x 7"x 11" (40.6cm x 17.8cm x 87.9cm)

K. Budget Giant Ear Model

CH8.....

- 4-times enlarged. For elementary science classes; shows all major structures related to hearing and balance; dissects into 3 parts.
- Size: 4"x 7"x 8-1/2" (10.2cm x 17.8cm x 27.9cm)

L. Basic Sinus Model

G285.....

- Cutaway depicts near median section through nose and nasal passages; details include nasal cavity, soft and hard palate, uvula, eustachian tube and pharyngeal tonsil; removable patient education card and base included.
- Size: 4-1/2"x 1-1/2"x 5-1/4" (11.4cm x 1.3cm x 14cm)

M. Thyroid Disease Model

G315.....

- Normal thyroid gland shows location around trachea. Three models also show Hashimoto's thyroiditis, Graves' disease and papillary carcinoma; includes patient education card.
- Size: 8-3/4"x 6-1/4"x 4" (22.2cm x 15.9cm x 10.1cm)



E.



F.



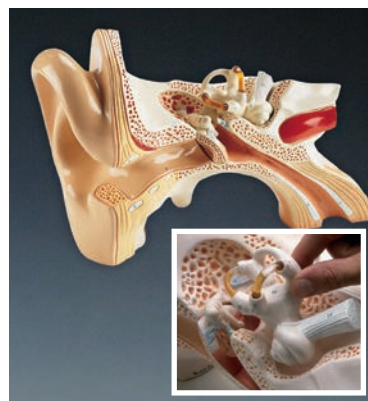
G.



H.



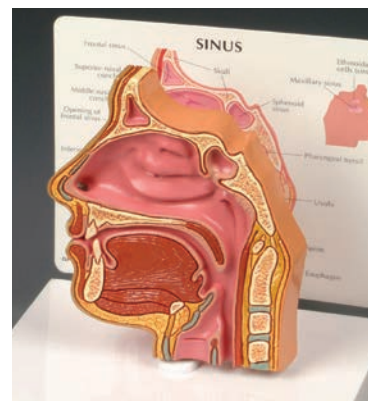
I.



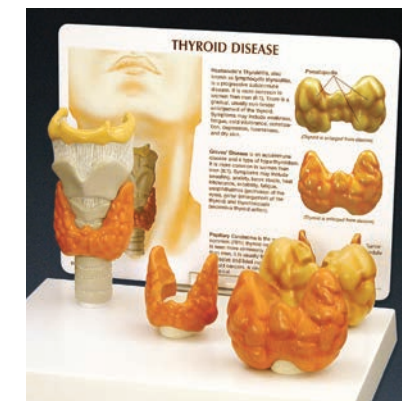
J.



K.



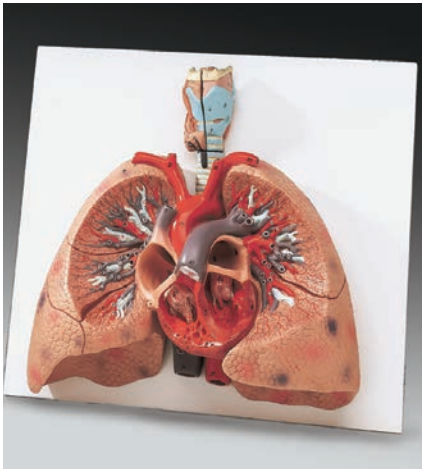
L.



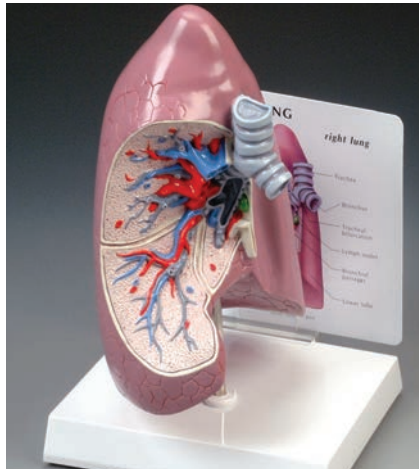
M.



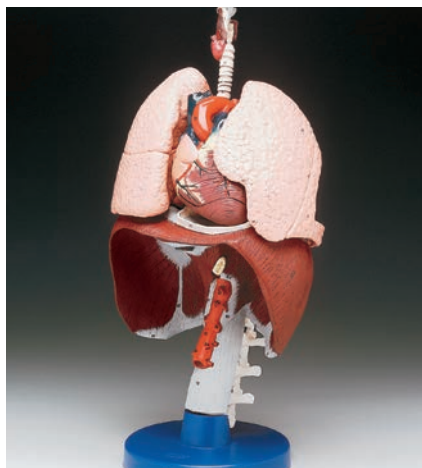
A.



B.



C.



D.



E.

A. Human Larynx with Tongue

- GS4.....
- Life-size anatomical model. Medially sectioned to show details of larynx, including cartilages, ligaments, muscles, relief of mucous membrane and thyroid gland; lower jaw detaches and separates into 2 parts; dissects into 5 parts; made of SOMSO-Plast®. Includes green® base.
 - Somso® Modelle, size: 5" x 6" x 8" (12.7cm x 15.2cm x 20.3cm)

B. Lungs with Heart

- JS6530.....
- 3-times life-size. Lungs and heart are shown in cross-section, and the 2-piece larynx divides in half and can be removed for inspection. 33 numbered parts with identifying key. Mounted on a baseboard and made of fiberglass.
 - Size: 20" x 18" (50.8cm x 45.7cm)

C. Right Lung Model

- G310.....
- Full-size, cutaway model showing bronchus, arteries, veins, lymph nodes, bronchial passage and trachea bifurcation. Removable study card and base included.
 - Size: 5-1/2" x 5-1/4" x 9" (14cm x 13.3cm x 22.9cm)

D. Respiratory Organs Model

- 649D.....
- Life-size diaphragm with muscles, tendons, and major openings for vessels and esophagus, bisected heart shows the origins of 5 abdominal arteries, and all internal structures, 3 thoracic and 3 lumbar vertebrae, sectioned left lung shows bronchioles, pulmonary arteries and veins, and the larynx, sectioned to show its structure on base with key.
 - Size: 16" x 9" x 7-1/2" (40.6cm x 13.3cm x 19.1cm)

E. Diseased Lung

- G311.....
- Full-size 2-sided model of two separate lungs with 4 cut-away sections illustrating normal anatomy and the effects of COPD (chronic obstructive pulmonary disease), cancer and asthma.
 - Size: 4-1/4" x 5-1/2" x 8-1/4" (10.8cm x 14cm x 21cm)

F. Circulatory System Model

- HS10.....
- 1/2 life-size. View of network of blood vessels. One-piece relief model mounted on green® base.
 - Somso® Modelle, size: 36" x 12-1/2" x 2-1/2" (91cm x 31.8cm x 6.4cm)

G. Human Heart Model

- HS5.....
- 2-times the size of a healthy adult heart. Detailed to illustrate the musculature of the heart and large blood vessels. Sectioned so ventricles and atria open to expose the valves. Dissects into 4 parts. Removable from green® stand.
 - Somso® Modelle, size: 10" x 10" x 13" (25.4cm x 25.4cm x 30cm)

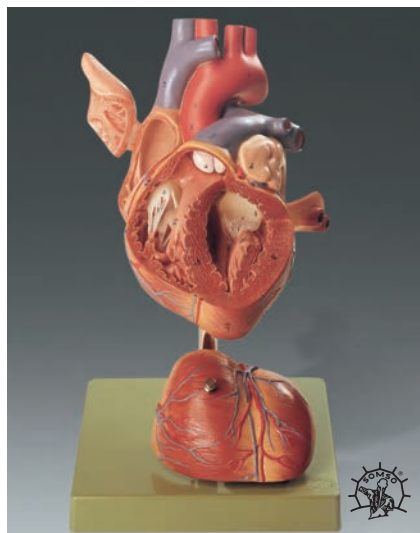
H. Giant Heart of America™ Model

- DG140.....
- 2-times the size of a healthy adult heart. View interior and exterior by opening 3 hinged doors. Instructor's key identifies 65 labeled parts.
 - Denoyer-Geppert Co., size: 7" x 7" x 15" (17.8cm x 17.8cm x 38.1cm)

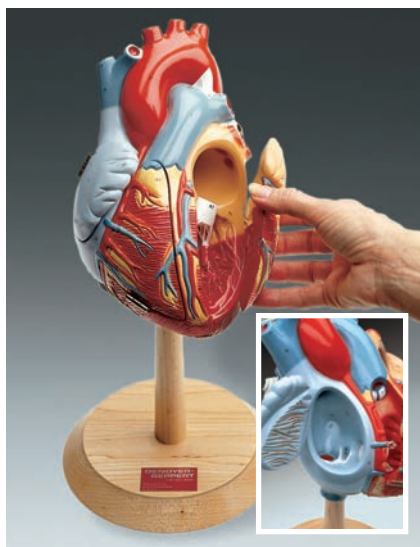


F.

ANATOMICAL CHART COMPANY



G.



H.

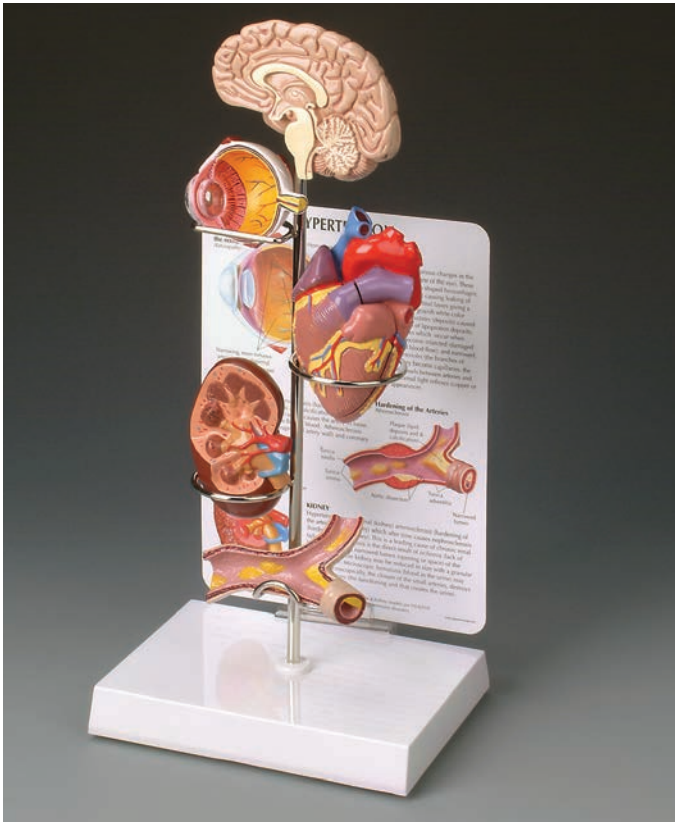
+ **ALSO AVAILABLE ...**
Save 15% over individual chart prices!



Cardiology Chart Set 1
 CARDIO1.....
 • Includes 2 charts:
 The Heart; and Heart Disease

Cardiology Chart Set 2
 CARDIO2.....
 • Includes 4 charts:
 Understanding Hypertension;
 Understanding Type 2
 Diabetes, Understanding
 Cholesterol; and
 Cardiovascular Disease





A.

A. Hypertension Model Set

G400

- Miniature brain, eye, heart, kidney and artery shows organs effected by hypertension. Study card illustrates effects of hypertension. Removable from stand.
- Size: 13-1/2" (34.3cm) tall

B. Four-Piece Artery Model

G265

- 4-stage cross-section of an artery demonstrating atherosclerosis in which the narrowing of the artery is due to a build up of fatty tissue (cholesterol) and plaque. 4 stages: normal artery, fatty streak, fibrous plaque, and blockage. The stages cause a decrease in blood flow, which can lead to a blood clot or thrombus. All stages rotate on hinge pin.
- Size: (4) 1-3/8" dia. x 7/8" x 3-1/2" (3.5cm dia. x 2.2cm x 8.9cm)

C. Mini Heart Set Models

G255

- Normal heart anatomy; myocardial infarction heart demonstrating a partially healed, thinned, and discolored 5 infarcted areas. Including a thrombus in the apex of the heart; and a heart demonstrating congestive heart failure as a result of hypertension. The left ventricle hypertrophy and the correspondingly enlarged and distorted shape of the heart are shown both internally and externally. All models are approximately 50% actual size.
- Normal and MI: 4" x 2-1/4" x 1-3/4" (10.2cm x 5.7cm x 4.4cm)
CHF: 4" x 2-1/2" x 2-1/4" (10.2cm x 6.4cm x 5.7cm)

D. Occluded Artery Model

79145

- Larger than life-size. See-thru model shows constricted passage clogged with plaque. Turning the model illustrates the difficulty red blood cells have flowing through an artery with atherosclerosis..

E. Basic Heart Model

G8

- Three-quarter life-size. Depicts atrium cordis, ventricles of the heart and cardiac valves. Dissects into 2 parts. Removable from stand.
- 3B Scientific GmbH, size: 3" x 5" x 2-1/2" (7.6cm x 12.7cm x 6.4cm)

F. Cutaway Heart Model

G250

- Vividly painted, life-size. Divides in half to show inner chambers and valves. Mounted on plastic base. Removable study cards and base included.
- Size: 3-1/2" x 4" x 6" (8.9cm x 10.2cm x 15.2cm)

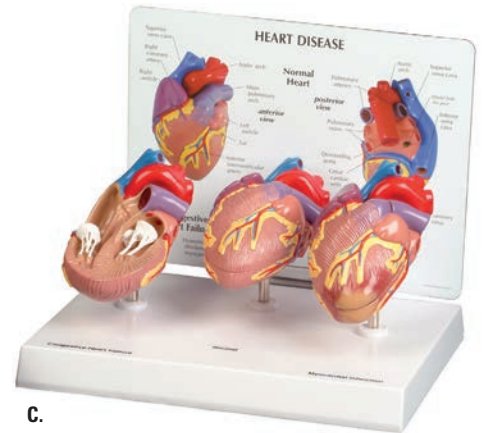
G. Budget Jumbo Heart Model

CH3

- 4-times life-size jumbo heart model, excellent for patient education or elementary science classes. Dissects into 3 parts showing anterior, posterior and interior views along with valve details. Mounted on a stand.
- Size: 8" x 8" x 11-3/4" (20.3cm x 20.3cm x 29.8cm)



B.



C.

H. Budget Life-Size Heart Model

CH7

- Great for learning basic internal and external anatomy of the heart. Dissects into 2 parts.
- Size: 3-1/4" x 3-1/4" x 6" (8.3cm x 8.3cm x 15.2cm)

I. Two-Part Heart Model

HS3

- Three-quarter life-size. 2 parts, anterior part of the ventricles and auricles can be removed to show semilunar and tricuspid valves. Mounted on green® base.
- Somso® Modelle, size: 8-1/2" x 5" x 4-3/4" (21.6cm x 12.7cm x 12cm)

J. Understanding High Blood Pressure Chart:

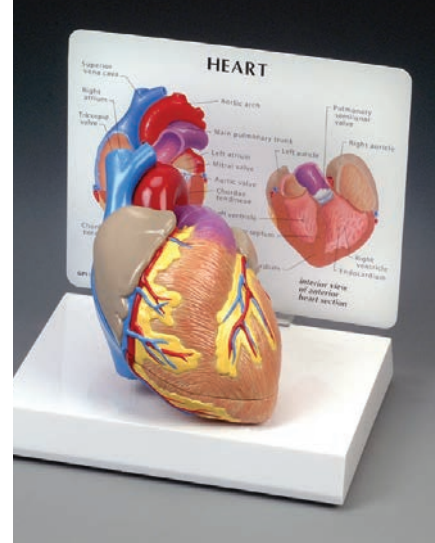
978-1-4697-7289-6



D.



E.



F.



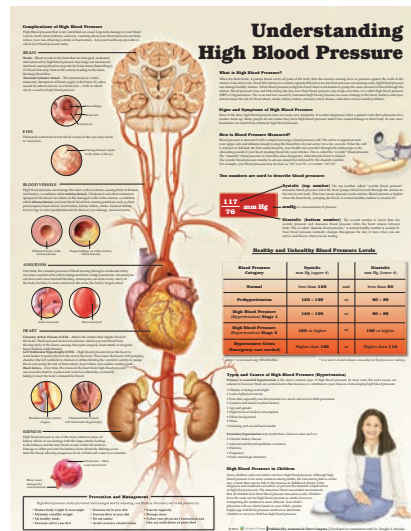
G.



H.



I.



J.

Be sure to see ...



- Anatomical Chart Collections (pages 27-30)
- Anatomical Charts & Posters (pages 4-26)
- Gifts (page 75)
- Health Education Resources (pages 39-40)
- Reference Materials & Study Aids (pages 31-34)
- Skeletal Models (pages 58-74)



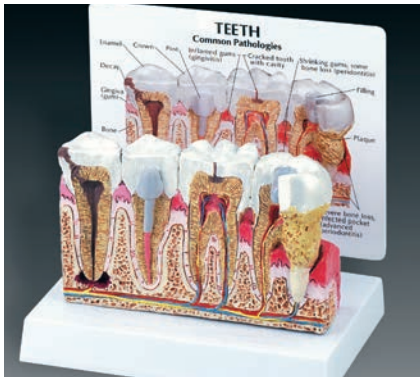
A.



B.



C.



D.



E.

A. Teeth and Jaw Development Set

- DG108.....
- Newborn, 5-year-old, 9-year-old and adult models trace development of jaws and teeth; right half of maxilla and mandible expose roots and developing teeth; teeth are color-coded showing deciduous, successional and superadded permanent teeth.
 - Denoyer-Geppert Co., size: 18" x 4" x 9" (45.7cm x 10.2cm x 22.9cm)

B. Giant Molar

- JS6520.....
- 3-root molar divides to show 8 numbered features and a cavity; includes key; fiberglass.
 - Size: 4-1/2" x 4-1/2" x 8" (11.4cm x 11.4cm x 20.3cm)

C. Flossing and Brushing Teaching Model

- W5314 (flossing and brushing teaching model).....
W5355 (giant toothbrush).....
- 2-times enlarged; demonstrates proper brushing and flossing techniques; plastic 11-1/2" toothbrush with soft bristles.
 - Size: 3" x 3-1/2" x 3-1/2" (7.6cm x 8.9cm x 8.9cm)

D. Diseased Teeth and Gums Model

- G286.....
- Oversized; features common problems: abscess, advanced periodontitis, cavity, crown decay filling, gingivitis, plaque, and severe bone loss; patient education card included.
 - Size: 5-1/2" x 6" x 6" (14cm x 15.2cm x 15.2cm)

E. Giant Tooth Brushing Model

- TH01.....
- Economical model; bendable wire spring allows easy movement; includes giant size, soft nylon bristle toothbrush.
 - Size: 6" (15.2cm) from molar to molar; toothbrush 14-1/2" (36.8cm) long

F. Lower GI Tract

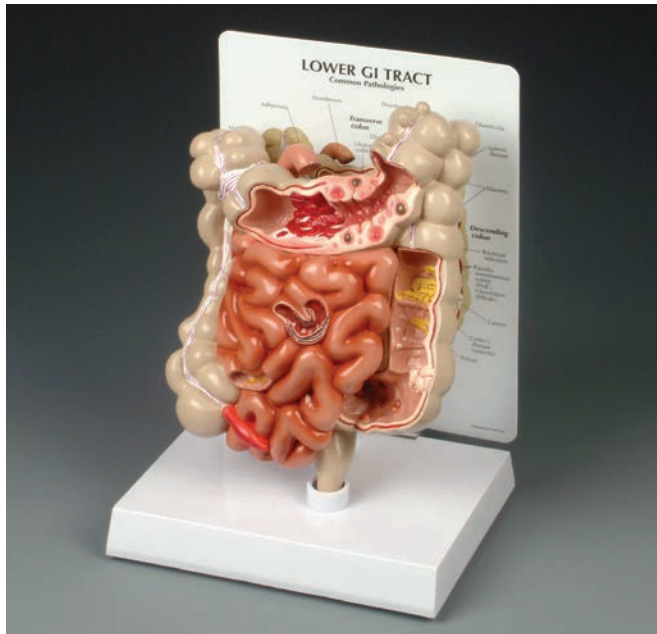
- G3342.....
- Cut-away view model of the small and large intestine with the following common pathologies: adhesions, appendicitis, bacterial infections, cancer, Crohn's disease, diverticulitis, polyps, spastic colon, and ulcerative colitis.
 - Size: 6" x 2-1/2" x 7-3/4" (15.2cm x 6.4cm x 19.7cm)

G. Human Digestive Tract Model

- JS22.....
- Shows alimentary canal from mouth to rectum; in median sections are buccal cavity, pharynx, esophagus, 2-part stomach, duodenum, small and large intestines, opened appendix, and rectum; transverse colon can be removed. On green® stand.
 - Somso® Modelle, size: 36" x 12-1/2" x 4-3/4" (91.4cm x 31.8cm x 12.1cm)

H. Pancreas, Spleen and Gallbladder Model

- G333.....
- Life-size model of the pancreas, spleen and gallbladder shows pancreatic cancer, gallstones, ruptured spleen and a duodenal ulcer; removable patient education key card. Removable from stand.
 - Size: 7-3/4" x 5" x 2-3/4" (19.75cm x 12.7cm x 7cm)



F.

I. Stomach with Ulcers Model

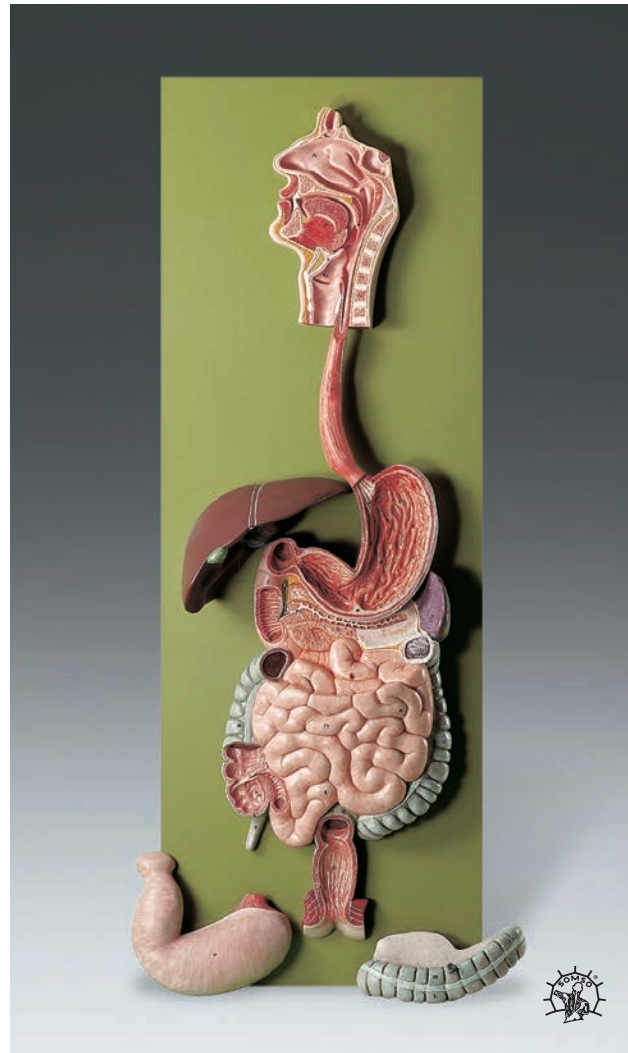
G200

- Life-size. Shows esophageal inflammation, gastric ulcer, and duodenal ulcer; removable patient education card. Base included.
- Size: 8" x 1-1/4" x 6-1/4" (20.3cm x 3.2cm x 15.9cm)

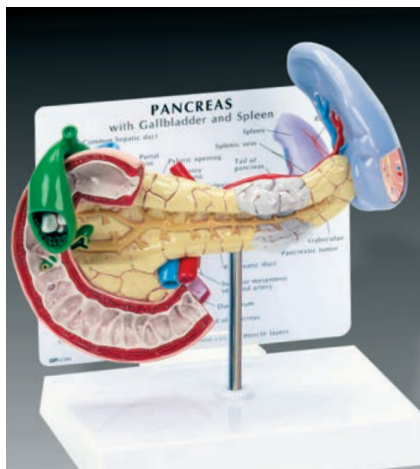
J. Colon Model

G334

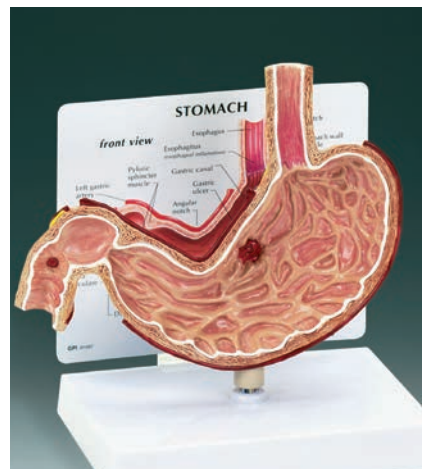
- Shows colitis, diverticulitis, diverticulosis, bacterial infection, cancer, spastic colon, and polyps; Crohn's disease is shown in an area of the small intestines; appendix and rectum are also shown; patient education card included. Removable from stand.
- Size: 6" x 2-1/2" x 7-3/4" (15.2cm x 6.4cm x 19.7cm)



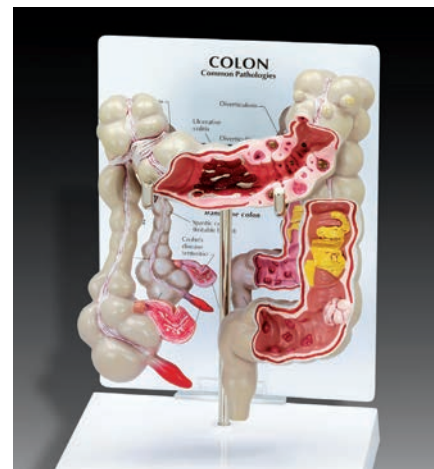
G.



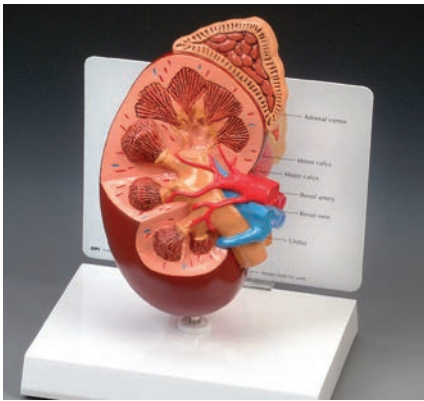
H.



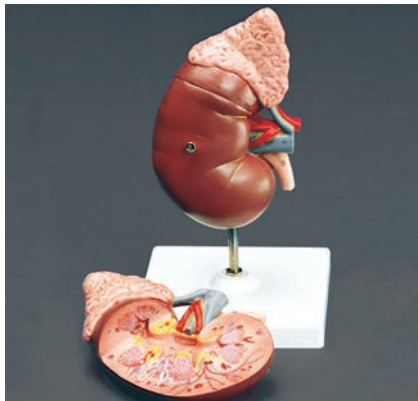
I.



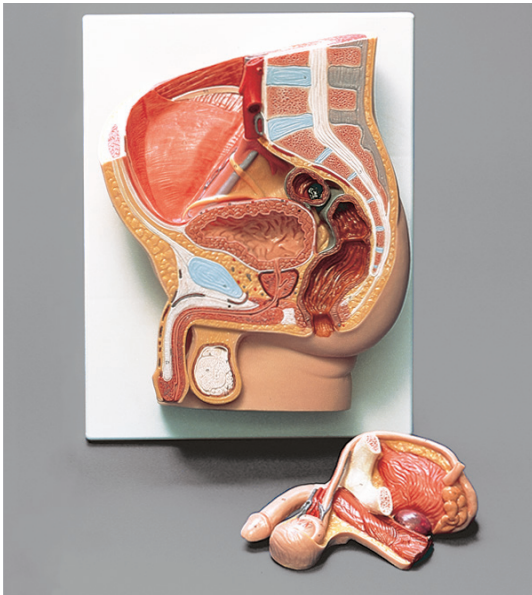
J.



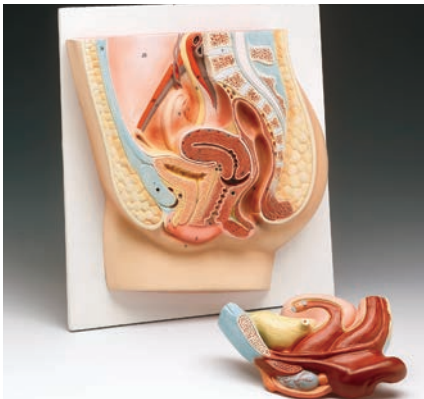
A.



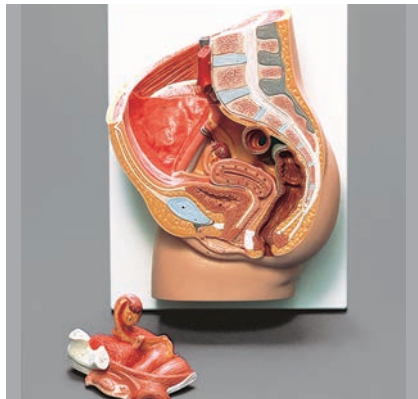
B.



C.



D.



E.

A. Basic Kidney Model

- G325
- 2-times life-size longitudinal section of right kidney and adrenal gland; removable patient education card. Includes base.
 - Size: 4" x 2-1/2" x 6-1/2" (10.2cm x 6.4cm x 16.5cm)

B. Human Kidney and Adrenal Gland

- K12
- Features kidney, adrenal gland, renal, adrenal vessels and upper portion of the ureter; dissects into 2 parts revealing the cortex medulla, cortex vessels and renal pelvis. Removable from stand.
 - 3B Scientific GmbH, size: 5" x 5" x 8" (12.7cm x 12.7cm x 20.3cm)

C. Human Male Pelvis Section

- H11
- Illustrates internal and external reproductive organs in pelvic area – median section with removable bladder and reproductive organs; life-size; dissects into 2 parts.
 - 3B Scientific GmbH, size: 12" x 16" x 8" (30.5cm x 40.6cm x 20.3cm)

D. Female Pelvis Section

- JS6542
- Life-size cross-sections of female pelvic region showing reproductive organs, bladder and rectum; 26 numbered structures correspond to key; fiberglass.
 - Size: 13" x 14" x 5" (33cm x 35.6cm x 12.7cm)

E. Human Female Pelvis Section

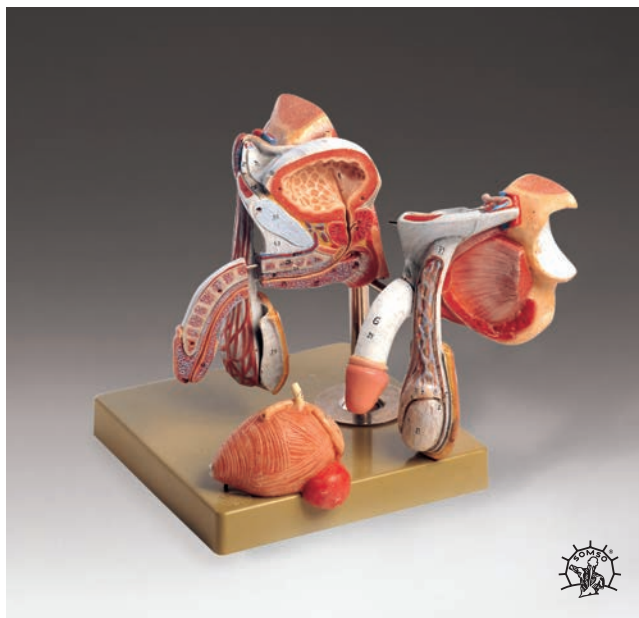
- H10
- Life-size anatomical model. Illustrates internal and external reproductive organs in pelvic area; bladder and reproductive organs can be removed; dissects into 2 parts.
 - 3B Scientific GmbH, size: 12" x 16" x 8" (30.5cm x 40.6cm x 20.3cm)

F. Male Genital Organs

- MS3
- Shows penis, prostate, bladder, seminal vesicle, spermatic cord, inguinal canal and testicle; life-size; dissects into 5 parts.
 - Somso® Modelle, size: 7" x 8" x 10" (17.8cm x 20.3cm x 25.4cm)

G. Female Pelvis Section Model

- G350
- One-half life-size; brightly colored and easy to understand; mid-sagittal cross-section reveals ovary and uterine tube; patient education card with key features included.
 - Size: 6-1/4" x 5-1/2" x 2-3/4" (15.9cm x 14cm x 7cm)



F.



G.

H. Female or Male Pelvis Models

- Z4058F (female pelvis with femur heads)
- Z4058 (female pelvis without femurs, not shown)
- Z4056 (male pelvis – inset)

- Natural casting of adult male or female pelvis with sacrum; both models have L4 and L5 vertebra mounted on elastic cord, which may be easily removed; the sacrum may also be removed to demonstrate movement in the iliosacral joint.

I. Composite Pelvis and Pelvic Floor

- 267A
- Life-size female pelvis with highly detailed pelvic floor; features genitalia and associatedmuscles; dissects into 5 parts.
 - Size: 10-1/2" x 7" x 6-1/2"
(26.7cm x 17.8cm x 16.5cm)



H.



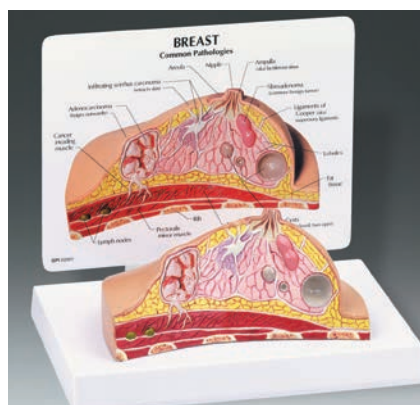
I.

J. Breast Cross-Section Model

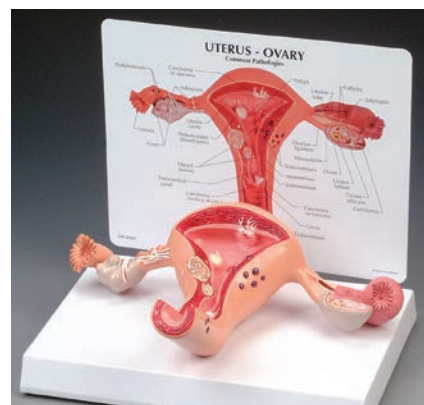
- G345
- A hard plastic cross-section of a breast showing the following pathologies: infiltrating scirrhous carcinoma, fibroadenoma, cysts, and an adenocarcinoma. Model also includes structures such as suspensory ligaments, fat tissue, lymph nodes, muscles and ribs. Includes patient education card. Mounted on base.
 - Size: 6-1/2" x 4-1/2" x 3" (16.5cm x 11.4cm x 7.6cm)

K. Uterus and Ovaries Model with Pathologies

- G348
- Shows endometriosis, adhesions, various carcinomas, polyps, cysts, pedunculated fibroid tumor, salpingitis and fibroids; patient education card included.
 - Size: 8-3/4" x 6-1/4" x 2-1/2"
(22.2cm x 15.9cm x 6.4cm)



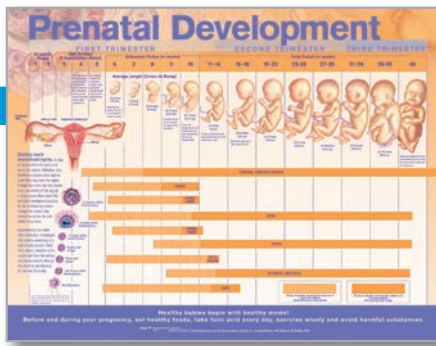
J.



K.

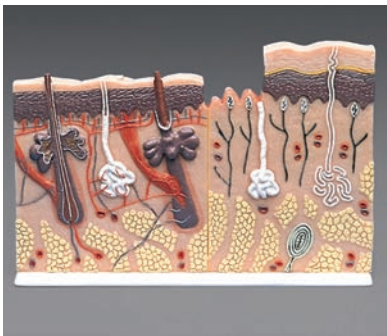


A.



ALSO AVAILABLE ...

Prenatal Development Chart
See page 23 for details.



B.



C.



D.

A. Uterus with Fetus Model Set

HE27007
 • Five flexible uteri illustrate fetal development and changes at 6, 8, 15, 20 and 40 weeks; made of BIOLIKE™.

B. Skin Section Model

J11
 • Desk top model, enlarged approximately 40-times. The two halves of this relief model show a comparison between the 3 layers of hairy and hairless skin. Hair follicles, sebaceous glands, receptor, nerves and vessels shown. Does not dissect. Mounted on base.
 • 3B Scientific GmbH, size: 13-1/2" x 9-1/2" x 6-1/2" (34.3cm x 24.1cm x 16.5cm)

C. Skin with Burns Model

G380
 • 2-sided model is approximately 75 times enlargement of a skin cross-section. Normal skin anatomy shown on one side, the other shows 1st, 2nd and 3rd degree burns; includes patient education card.
 • Size: 6" x 2-1/4" x 4" (15.2cm x 5.7cm x 10.2cm)

D. Budget Super Skin Model

CH4
 • 105-times enlarged cross-sectional view of the human skin showing three layers and a close-up view of a hair follicle, sweat gland, fatty tissue and more. Front, side and back view. Does not dissect. Mounted on base.
 • Size: 11" x 4" x 13" (27.9cm x 10.2cm x 33cm)

E. Head with Brain Model

C25
 • Life-size anatomical model. A detailed model of the brain in the skull. Complete brain is removable to show dura mater, 12 pairs of cranial nerves and arteries. Dissects into 8 parts. Includes base.
 • 3B Scientific GmbH, size: 6" x 6" x 9"

F. Deluxe Head with Brain Model

BS5
 • Life-size model showing 12 pairs of cranial nerves and the basilar artery. Removable brain separates into 8 parts: frontal and parietal lobes, temporal and occipital lobes, 2-part medulla, 2-part cerebellum.
 • Somsö® Modelle, size: 8-3/4" x 7" x 8" (22cm x 17.8cm x 20.3cm)

G. Human Half Head

C14
 • Life-size. Shows median and lateral sections. Median section shows central nervous system and anatomy of the pharynx and mouth. Lateral view shows superficial nerves and vascular distribution and muscles of the face and neck. Does not dissect. On base. 3B Scientific GmbH, size: 9" x 7" x 18" (22.9cm x 17.8cm x 45.7cm)

H. Transparent Brain Model

BS25T

- Life-size; separates into 15 parts: left cortex with sinus sagittalis, cervical vertebral column with spinal cord and vertebral artery, right transparent cortex, right half of spheroid bone, removable right and left brain stem, right and left insular cortex, left striate body, right capsularinterna, corpus callosum, fornix, limbic system and ventricle system, right and left halves of the cerebellum. Somso® Modelle, size: 7" x 8" x 12" (17.8cm x 20.3cm x 30.5cm)

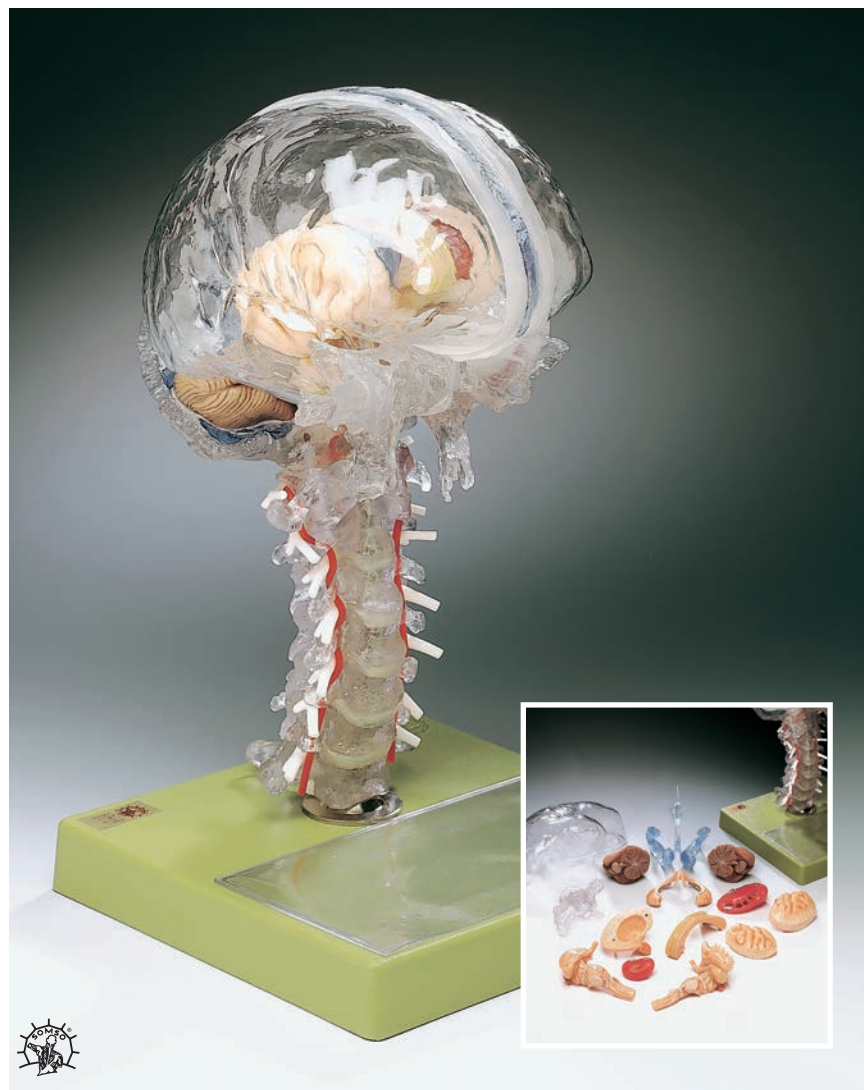
I. Deluxe Brain Model

BS20

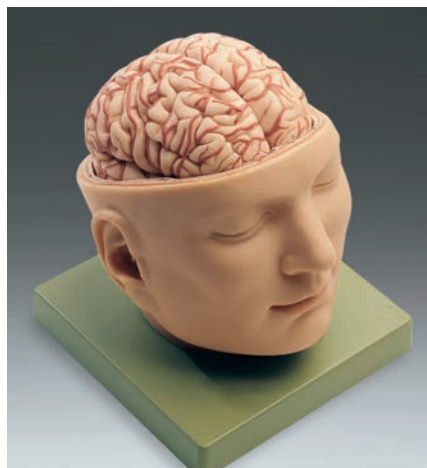
- Life-size, dissects into 8 parts: frontal and parietal lobes (2), temporal and occipital lobes (2), medulla (2), and cerebellum (2). Cast from a human specimen in SOMSO-Plast®
- Somso® Modelle, size: 6-1/3" x 6-1/3" x 6-1/2" (16.1cm x 16.1cm x 16.5cm)



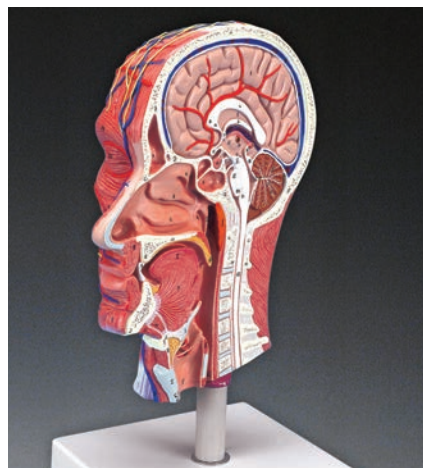
E.



H.



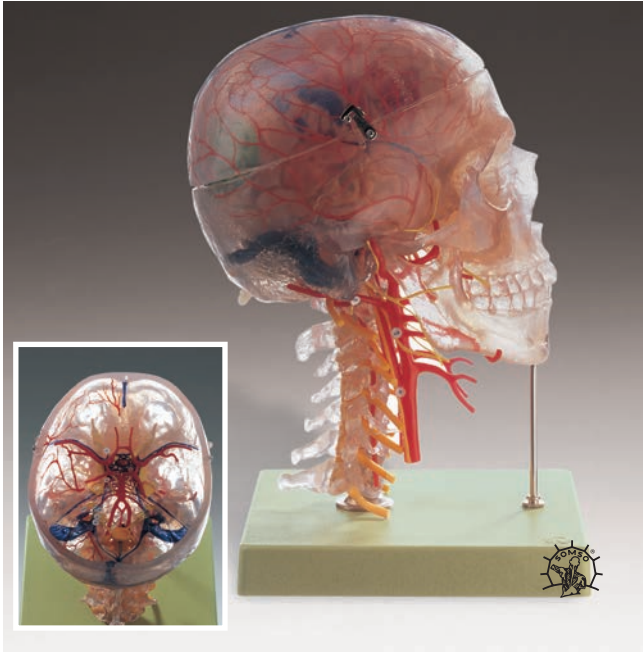
F.



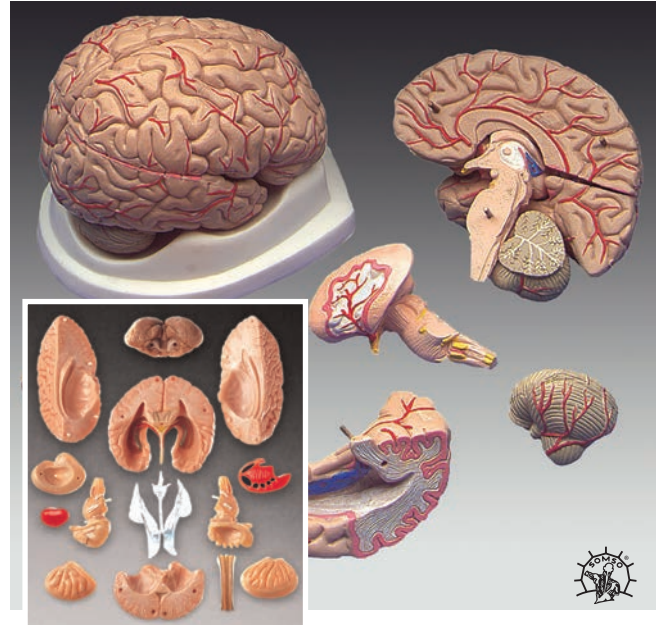
G.



I.



A.



B.



C.



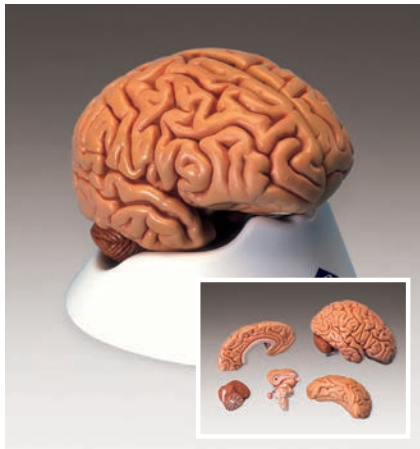
D.



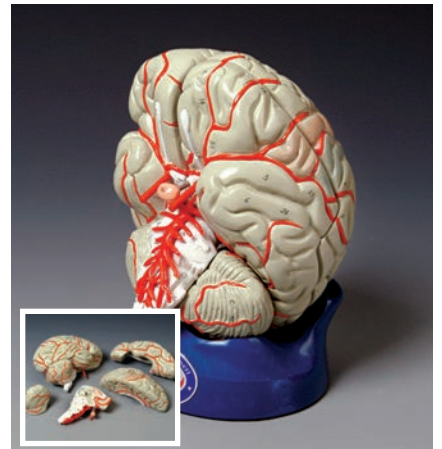
E.



F.



G.



H.

A. Neuroanatomy Head Model

QS657

- Transparent skull with cervical vertebrae and 8-part brain (dissects into 10 parts). Cyto-architectural areas indicated, cranial nerves and the arterial vessels shown.
- Somso® Modelle, size: 7" x 7" x 11" (17.8cm x 17.8cm x 27.9cm)

B. Brain Demonstration Model

BS25

- Life-size, 14-part brain rests in its natural position on a transparent cast of base of skull. Brain separates into cerebral hemisphere (2), temporal and occipital lobes with limbic system, cerebellum, frontal lobe, corpus callosum, brain stem (2), corpus stratum, insula (2), nucleus lentiformis (left), internal capsule (right), and ventricles of the brain.
- Somso® Modelle, size: 6" x 7" x 9" (17.8cm x 17.8cm x 27.9cm)

C. Deluxe Brain with Arteries

BS23

- brain model cast in SOMSO-Plast®
Highly detailed model includes representation of the arterial network of vessels. Dissects into 9 parts: frontal and parietal lobes (2), temporal and occipital lobes (2), medulla (2), cerebellum (2), and basilar artery. Green® base included.

- Somso® Modelle, size: 6-3/4" x 6-1/3" x 6-1/2"

D. Color-Coded 8-Part Brain Model

240R

- Life-size model of the human brain and brain stem; dissects into 8 parts. Left side is colored to show the sensory and motor areas. 12 cranial nerve roots shown and numbered with important arteries. Supplied on base with key card.
- Size: 8" x 8" x 7" (20.3cm x 20.3cm x 17.8cm)

E. Budget Brain Model

CH1

- Plastic replica of a human brain showing multiple views. Great for hands-on study of brain anatomy. Dissects into 3 parts. Sits on a base.
- Size: 5" x 6" x 6-1/2" (12.7cm x 15.2cm x 15.2cm)

F. Two-Part Brain Model

BS21

- Cast from a natural specimen; two-part brain is medially sectioned. Made of SOMSO-Plast®
- Somso® Modelle, size: 6" x 6-1/4" x 6-3/4" (15.2cm x 15.9cm x 17.1cm)

G. Classic 5-Part Brain

C18

- A mid-sagittally sectioned model of the brain cast from a real human brain. Left half can be divided into the frontal and parietal lobe, temporal and occipital lobes, brain stem, and cerebellum.
- 3B Scientific GmbH, size: 5" x 5-1/2" x 7" (12.7cm x 14cm x 17.8cm)

H. Deluxe 8-Part Brain with Arteries

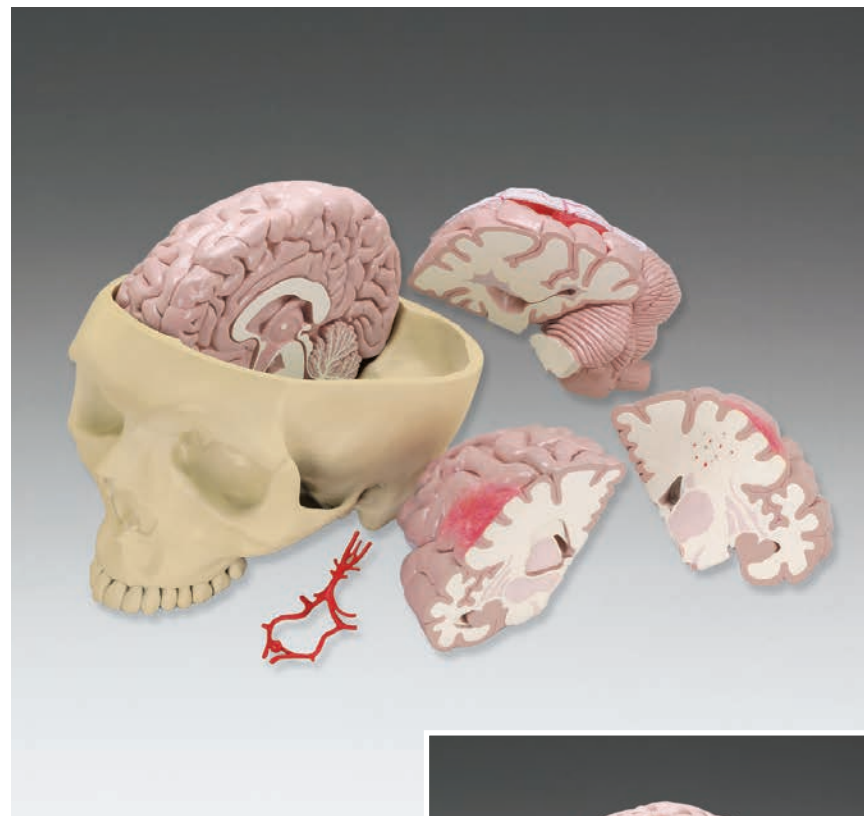
DG178

- Life-size; incorporates arterial blood supply with termini of the internal carotids, basilar artery, and Circle of Willis. Cranial nerves and dissectible brain stem also featured. Right hemisphere divides in 2 parts – left splits into 4 parts including half of the brain stem and half of the cerebellum. Pituitary and basilar artery can be detached. 115 numbered features with key card.
- Denoyer-Geppert Co., size: 6" x 5" x 7" (15.2cm x 12.7cm x 17.8cm)

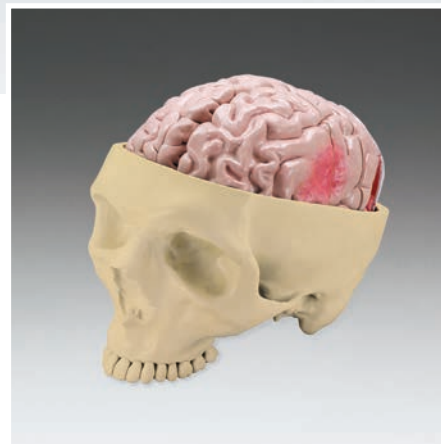
I. Diseased Brain in Skull

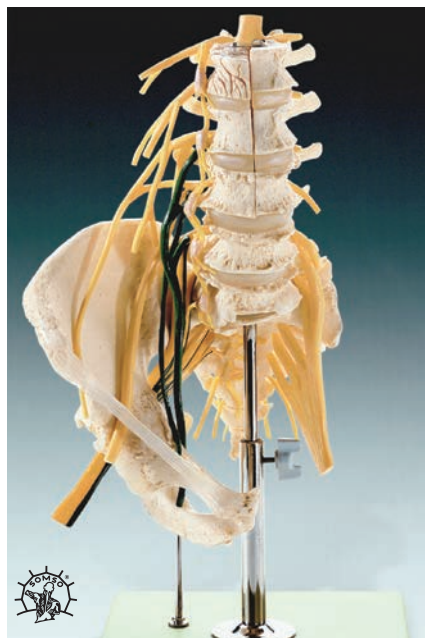
G290

- Life-sized brain in skull segmented into a normal half and 3-piece pathology half featuring: Alzheimer's, migraine, stroke, seizure-related tumor, aneurysm, multiple sclerosis, subdural hematoma, Parkinson's Disease and alcoholism.
- Brain size: 5" x 6-3/4" x 5" (12.7cm x 17.1cm x 12.7cm)



I.





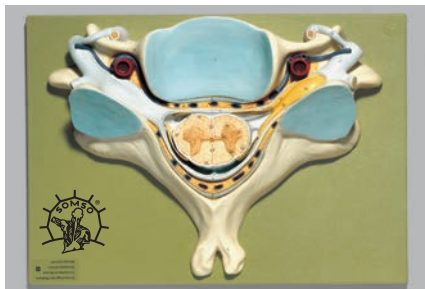
A.



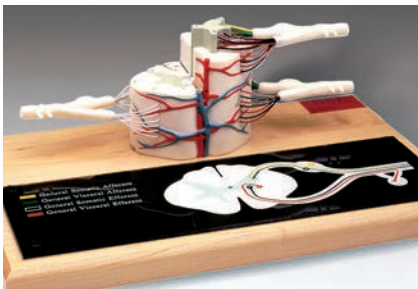
B.



C.



D.



E.

Skeletal models are invaluable for effective, three-dimensional learning.

And they're the fundamental first step toward mastering human anatomy. These models are yours in a variety of sizes and at a range of costs. From full, complete structures to disarticulated bone parts, each replica is created with long-lasting materials that mimic actual human anatomy.

A. Lumbar Spine with Innervation

- QS662.....
- Shows lumbar portion of spine and spinal cord, epidural cavity, nerve roots, plexus lumbalis, plexus sacralis, plexus coccygeus, and sympathetic trunk ganglia. Normal body halves of L1, L2, and L3 are removable to show common disorders of the spine: vertebral compression fracture, tumors, metastases, spondylosis and spondylarthrosis, slipped disc, and spondylarthritic osteophytes. Removable from green® base.
 - Somso® Modelle, size: 15" x 9" x 8" (38.1cm x 22.9cm x 20.3cm)

B. Giant Atlas/Axis Model

- Z4083.....
- Shows atlas, axis and 3rd cervical vertebra in relation to the occipital. 2-times life-size and mounted on elastic cord to allow movement.
 - Size: 7-1/4" x 4-1/2" x 5" (18.4cm x 11.4cm x 12.7cm)

C. Flexible Lumbar Vertebral Column with Herniated Disc

- A76/5.....
- Includes spinal cord and nerve branches and illustrates herniation of dorsolateral intervertebral disc. Sacrum has removable flap to reveal nerves. Removable from stand.
 - 3B Scientific GmbH, size: 5" x 5" x 13" (12.7cm x 12.7cm x 33cm)

D. Fifth Cervical Vertebra

- BS30.....
- Shows vertebra, its articulating surfaces, vertebral artery, spinal cord in cross-section, nerve roots and more. Mounted on green® board. Does not dissect.
 - Somso® Modelle, size: 15" x 10" x 11" (38.1cm x 25.4cm x 27.9cm)

E. Flexible Thoracic Region Models

- A72 (cervical).....
- Functional model of 7 cervical vertebrae with normal intervertebral discs that includes a segment of spinal cord with medulla, pons, cerebral peduncle and nerve branches. Not removable from stand.
 - 3B Scientific GmbH, size: 5" x 6" x 7" (12.7cm x 15.2cm x 17.8cm)
- F. A73 (thoracic).....
- 12 thoracic vertebrae, intervertebral discs and nerve branches. Not removable from stand.
 - 3B Scientific GmbH, size: 5" x 4" x 13" (12.7cm x 15.2cm x 17.8cm)

G. A74 (lumbar).....
 • 5 lumbar vertebrae, coccyx and sacrum with removable cutaway. Also features normal intervertebral discs and nerve branches. Not removable from stand.
 • 3B Scientific GmbH, size: 5" x 5" x 13" (12.7cm x 12.7cm x 33cm)

H. Basic Lumbar Vertebrae with Sacrum
 G170.....
 • Fully articulating model of L1 through L5 with sacrum. A herniated disc shown between L3 and L4. Features full lumbar nerve section with left-side sacral nerves and sciatic branch. Removable from stand. Includes removable patient education card.
 • Size: 4-1/2" x 3-1/2" x 11" (11.4cm x 8.9cm x 27.9cm)

I. Four-Stage Vertebrae Set
 G176.....
 • 4 pairs of life-size lumbar vertebrae in 3 stages of degeneration. Shown are a normal pair of lumbar vertebrae, a pair with a bulging herniated disc, a vertebrae set with bone and disc degeneration and advanced osteoporosis with serious bone compression and bone spurs. Models do not dissect. Includes removable patient education card and base.

J. Budget 4-Part Lumbar Vertebrae
 CHLS4 (4-part).....
 • 4-part lumbar vertebrae shows normal and herniated disc. Dissects into vertebrae, discs, spinal cord with nerve roots. Mounted on metal rod.
 • Size: 6" x 3" (15.2cm x 7.6cm)

K. Budget Lumbar Vertebrae with Interchangeable Discs
 CH76.....
 • Demonstrates herniated disc in relation to vertebrae and spinal cord. Includes normal, central herniation and dorsal herniation discs. Dissects into 6 parts. Made of durable, flexible plastic. Mounted on base.
 • Size: 4-3/4" x 4-3/4" x 5-1/4" (12cm x 12cm x 13.3cm)

L. Lumbar Vertebrae Teaching Model
 A76.....
 • Includes 2 lumbar vertebrae with 2 intervertebral discs to illustrate central and dorsal hernia. Dissects into 5 parts. Mounted on stand.
 • 3B Scientific GmbH, 5" x 5" x 5" (12.7cm x 12.7cm x 12.7cm)



F. G.



H.



I.



J.



K.



L.



A. 32" (81.3cm) tall



B. 32" (81.3cm) tall



C. 34" (86.4cm) tall



D. 34" (86.4cm) tall



E. 18" (45.7cm) tall

A. Vertebral Column with Muscle Painting

A59/1P.....

- Flexible spine, with pelvis, occipital bone, vertebral artery and dorsal herniated disc between the 3rd and 4th lumbar vertebrae and movable femoral heads. Muscle origins and insertions painted on the right innominate bone, femoral head and backside of each vertebra. Cervical, thoracic and lumbar vertebrae are indicated. No stand.
- 3B Scientific GmbH, size: 32" tall (81.3cm)

B. Didactic Flexible Spine with Femoral Heads

A58/9.....

- 5 sections differentiated by color: 7 cervical, 12 thoracic and 5 lumbar vertebrae, sacrum and coccyx. A disc prolapse at L3-L4 also featured. No stand.
- 3B Scientific GmbH, size: 32" tall (81.3cm)

Spine Stand

SM91.....

- For hanging spines as shown in pictures B and H. Black finish.
- Size: 34" tall (86.4cm)

C. Skeletal Torso

VC126.....

- A life-sized flexible spine, with rib cage, shoulders, pelvis and movable femur heads with the corresponding muscles and ligaments. Shows the cervical plexus and the brachial plexus, suboccipital triangle, greater occipital nerve, sciatic nerve complex, as well as the major thoracic and lumbar muscles. The right shoulder is fully articulated and features all ligaments, capsule of shoulder joint, teres major and muscles of the rotator cuff. Vertebrae are color-coded, facet syndrome at L4-L5. Stand included.
- Size: 34" x 15" x 7-1/2" (86.4cm x 38.1cm x 19.1cm)

D. Muscle Spine with Disorders

CH5900.....

- Spinal curvatures are color-coded. Includes occipital bone and cerebellum, circle of Willis, vertebral artery, spinal nerves with sciatic nerve, right brachial plexus, 1st and 2nd ribs, sacroiliac ligaments and several muscles including: suboccipital triangle, longus capitis, scalene muscles, psoas major and minor, iliacus, gluteus medius and minimus, piriformis and gemellus. Disorders shown: bone spurs on L5; herniated disc between L4 and L5; and L1, L2, and L3 divide to show compression fractures, osteoporosis, bone tumor and osteoarthritis of the hip. Stand included.
- Size: 34" (86.4cm), 14 lbs (6.4kg)

E. Desk-Size Vertebral Column

CS85X.....

- Features nerve branches, vertebral artery, movable femur heads, occipital bone, pelvis, and herniated lumbar disc. Flexible.
- Size: 18" (45.72cm) tall, 6 lbs (2.7kg)

Save 15% over individual chart prices!



Neurology Chart Set 1

NEURO1.....

- Includes 3 charts: Understanding Multiple Sclerosis; Understanding Parkinson's Disease, 2nd Edition; and Understanding Alzheimer's Disease, 2nd Edition

SAVE

Neurology Chart Set 2

NEURO2.....

- Includes 3 charts: Understanding Pain; Understanding Low Back Pain; and The Spinal Nerves

SAVE





F. 29" (73.7cm) tall

F. Budget Vertebral Column

- CH59X.....
- Includes vertebral body, spinous and transverse processes, vertebral notch and spinal canal, complete pelvis, sacrum, occipital bone, vertebral artery and nerve branches, herniated disc between the 4th and 5th lumbar vertebrae. Stand included.
 - Size: 29" (73.7cm) tall, 11 (5kg) lbs

G. Vertebral Columns with Pelvis

- A59/1.....
- Flexible spine, with pelvis, occipital bone, vertebral artery and dorsal herniated disc between the 3rd and 4th lumbar vertebrae. No stand.
 - 3B Scientific GmbH, size: 29" (73.7cm) tall



G. 29" (73.7cm) tall



H. 32" (81.3cm) tall

H. Vertebral Column and Femoral Heads

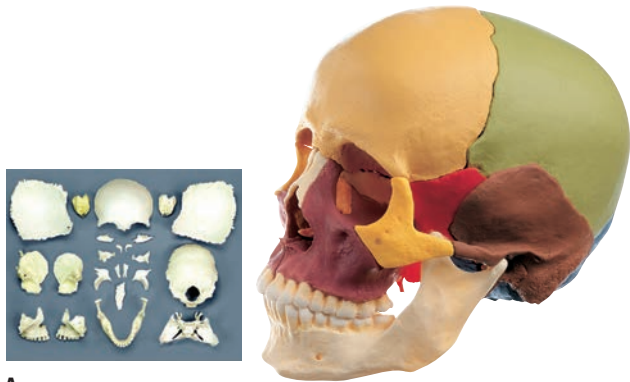
- A59/1F.....
- Flexible; same as A59/1, with movable femoral heads. No stand.
 - 3B Scientific GmbH, size: 32" (81.3cm) tall

I. Soft Disc Vertebral Column

- Z4009.....
- Features discs made of sponge for flexibility and to demonstrate compression. No femur heads or herniated disc. Stand included.
 - Size: 27-1/2" (69.9cm) tall



I. 27-1/2" (69.9cm) tall



A.

A. Disarticulated Human Skull

- QS83 (color coded).....
 QS8/2 (bone color-inset).....
- Life-size; consists of 14 parts that can be dismantled and snapped back together. Includes: sphenoid, occipital, 2 temporal, 2 parietal, frontal, right and left maxilla, the lacrimal, nasal and palatine bone, facial, cranial and zygomatic bones, and mandible which fits into sockets with a hinged joint.
 - Somso® Modelle, size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)

B. Skull Kit

- A290 (bone color).....
- Can be disassembled and reassembled. Includes occipital, sphenoid, ethmoid, vomer, mandible, and right and left of following bones: parietal, temporal, palatine, nasal concha, maxilla with teeth, lacrimal, zygomatic, and nasal bone.
 - 3B Scientific GmbH, size: 6" x 8" x 4" (15.2cm x 20.3cm x 10.2cm)

C. Disarticulated Female Skull

- OSM32P.....
- 22-piece detailed reproduction of each of the cranial bones of the human skull. Cast from the skull of an average-size 18-20-year-old female. Includes storage box and key card. Cannot be assembled.

D. First-Class Human Skull

- 320C.....
- Exceptional quality adult skull, horizontally sectioned with removable calvarium to expose internal features of the cranium. Mandible is removable and the entire skull is manufactured in a bone-like plastic. Dissects into 3 parts.
 - Size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)

E. Human Skull with Numbers

- QS7/1.....
- 3-part plastic skull with removable calvarium and lower jaw. Seventy numbered and labeled parts with identifying key in English and Latin.
 - Somso® Modelle, size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)

F. Second Dentition Skull

- QS3/2.....
- Skull of 6-year-old shows emerging dentition in the upper and lower jaw. Lower jaw may be removed.
 - Somso® Modelle, size: 5" x 6" x 5" (12.7cm x 15.2cm x 12.7cm)

G. Classic Human Skull

- A20.....
- High-quality plastic reproduction of a human skull that includes sutures, foramen and styloid processes. The calvarium is cut and jaw is on springs. Dissects into 3 parts.
 - 3B Scientific GmbH, size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)



B.



C.



D.



E.



F.

H. Artificial Adult Human Skull

QS7/E

- Life-size adult skull with removable calvarium and movable lower jaw. Dissects into 3 parts. Made of SOMSO-Plast.®
- Somso® Modelle, size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)

I. Artificial Adult Human Skull

QS7/E

- Life-size adult skull with removable calvarium and movable lower jaw. Dissects into 3 parts. Made of SOMSO-Plast.®
- Somso® Modelle, size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)

J. Female Human Skull

QS7/6

- Cast from natural specimen in SOMSO-Plast.® Dissects into 3 parts: calvarium, base of skull, and mandible.
- Somso® Modelle, size: 5" x 7" x 5-1/2" (12.7cm x 17.8cm x 14cm)

K. TMJ Skull

A24

- Plastic skull with medial and lateral pterygoids, temporal and masseter muscles in elastic. Relationship of temporal mandibular structures to occlusion becomes more meaningful to both doctor and patient.
- 3B Scientific GmbH, size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)

L. Human Skull with Painted Musculature

A23

- Includes sutures, foramen and styloid processes. Calvarium is cut and jaw is on springs. One side is painted to show muscle origins in red and insertions in blue. Dissects into 3 parts. Key card included.
- 3B Scientific GmbH, size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)

M. Numbered Human Skull

A21

- High-quality plastic reproduction that includes sutures, foramen and styloid processes. Skull is numbered. The calvarium is cut and the jaw is on springs. Dissects into 3 parts.
- 3B Scientific GmbH, size: 5-1/2" x 8" x 6" (14cm x 20.3cm x 15.2cm)

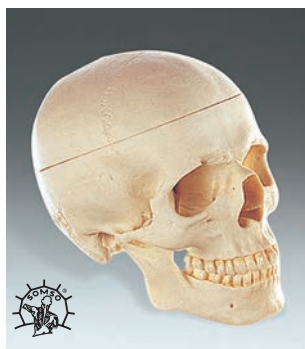
N. Fetal Skull

420R

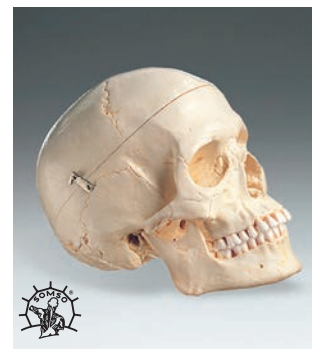
- Natural cast fetal skull. Very realistic model in a unique bone-like material. Does not dissect.
- Size: 3" x 6" x 4" (7.6cm x 15.2cm x 10.2cm)



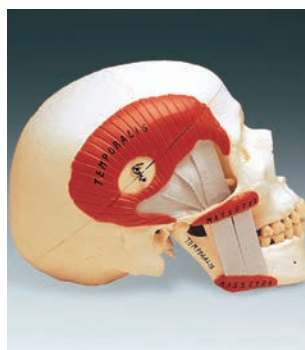
H.



I.



J.



K.



L.



M.



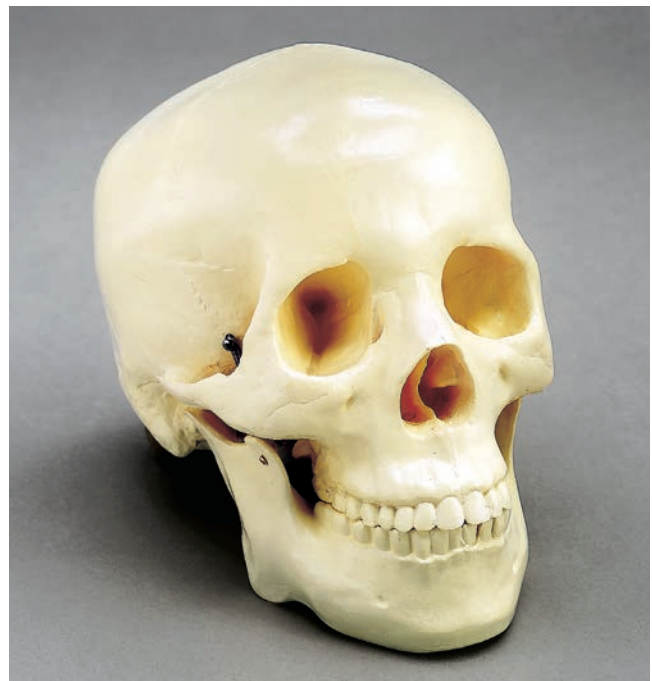
N.

**Be sure to see ...**

- Anatomical Charts & Posters (pages 4-26)
- Anatomical Chart Collections (pages 27-30)
- Anatomical Models (pages 42-57)
- Gifts (page 75)
- Health Education Resources (pages 39-40)
- Reference Materials & Study Aids (pages 31-34)



A.



B.



C.



D.



E.

Customers rate Anatomical Chart Company products



"Excellent visual aid"

Abe, New York, NY

A. Budget Skull

CS20

- Economical life-size adult plastic skull features movable jaw, cut calvarium, suture lines and 3 removable lower teeth—incisor, cuspid, and molar. Dissects into 3 parts.
- Size: 5" x 8-1/2" x 6" (12.7cm x 21.6 x 15.2cm), 3 lbs. (1.4kg)

B. Budget Two-Piece Skull

CH-S2

- Plastic life-size adult skull features movable jaw and an uncut calvarium.
- Size: 5" x 8-1/2" x 6" (12.7cm x 21.6cm x 15.2cm)

C. Budget Skull with 8-Part Brain

M012C

- Durable plastic skull with hinged jaw and removable calvarium. Life-size translucent 8-part brain fits inside cranial cavity. Includes key card with 75 structures identified.
- Size: 5" x 8-1/2" x 6" (12.7cm x 21.6cm x 15.2cm), weight: 7 lbs. (3.2kg)

D. Budget Skull with Cervical Vertebrae on Stand

CS20V

- Life-size skull features 7 rigid cervical vertebrae including atlas and axis. Also shows vertebral artery with cervical spinal cord and nerve branches. Jaw on springs, removable calvarium. Skull cannot be removed from vertebrae. Mounted on stand.
- Size: 9" x 9" x 12" (22.9cm x 22.9cm x 30.5cm)

E. Mr. Thrifty® Skull with 8-Part Brain

WCPSB

- Miniature model shows the major sutures of human skull. Calvarium can be removed to expose 8-part brain. Mandible is spring hinged. Made of unbreakable plastic.
- Skull: 3" x 5" x 3-1/2" (7.6cm x 12.7cm x 8.9cm), Brain: 2-1/2" x 2-1/2" x 2-1/4" (6.4cm x 6.4cm x 5.7cm)



F.



H.

F. Life-Size Skeletal Extremities

- A41R rigid right hand with lower arm, wire mounted.....
 A31R rigid right foot (shown) with portion of tibia and fibula –
 wire mounted.....
 A31L rigid left foot (not shown) with portion of tibia and fibula –
 wire mounted.....
 • 3B Scientific GmbH

G. Elastic Foot Demonstration Model

- A-31SPR (right foot – shown).....
 A31SPL (left foot – not shown).....
 • Life-size. Features portion of tibia and fibula strung on elastic.
 • 3B Scientific GmbH

H. Painted Foot on Elastic

- OS31P.....
 • Life-size right foot strung on elastic cord. Muscle origins and insertions are
 labeled and color-coded. Tibia, fibula and metatarsals are wired together.

I. Elastic Foot Model

- OS31E.....
 • Life-size right foot strung on elastic cord. Lower part of tibia, fibula and
 metatarsals are wired together.

J. Painted Hand on Elastic

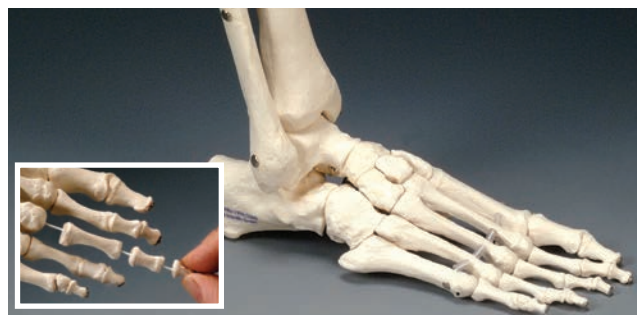
- OS32P.....
 • Life-size right hand strung on elastic cord. Muscle origins and insertions
 labeled and color-coded. Ulna, radius and metacarpals wired together.

K. Elastic Hand Demonstration Model

- A-41SP.....
 • Life-size right hand with portion of the lower arm strung on elastic.
 • 3B Scientific GmbH

L. Elastic Hand Model

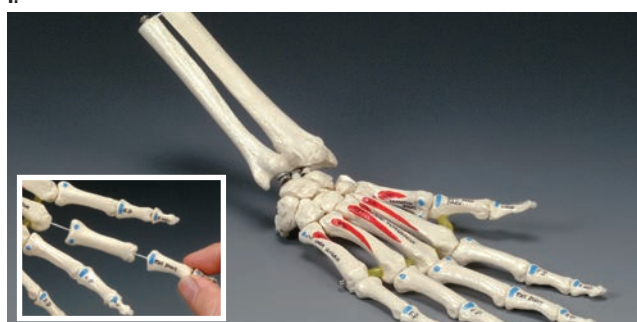
- OS32E.....
 • Life-size right hand strung on elastic cord. Lower part of ulna, radius, and meta-
 carpals are wired together. Wrist has movable metal wire joint.



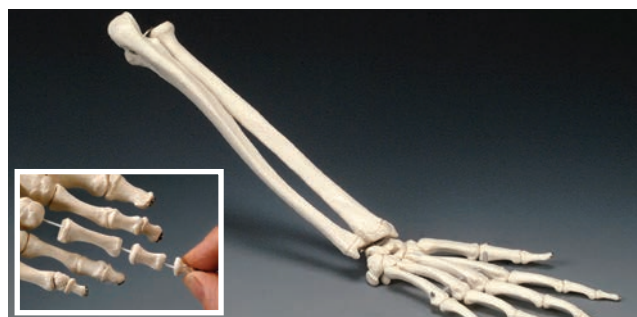
G.



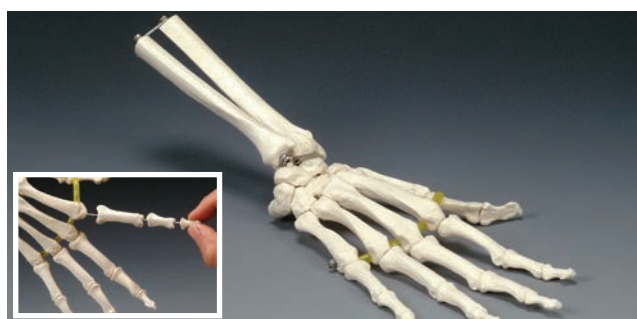
I.



J.



K.



L.



A.



B.



C.



D.



E.



G.



F.

A. Knee Joint with Ligaments

Z4552.....

- Right knee model includes insertion tendons of straight muscle of thigh, kneecap with patellar tendons, lateral ligaments, meniscuses and cruciate ligaments. Flexion, extension, outer and inner rotation demonstrated. Removable from stand.
- Size: 7"x 7"x 12-1/2" (17.8cm x 17.8cm x 31.8cm)

B. Functional Model of the Knee Joint

NS-50.....

- Right knee features detachable ligament system allowing complete view of each ligament, bone and cartilage. Demonstrates range of motion, including flexion, extension, inner and outer rotation. Removable from green® stand.
- Somso® Modelle, size: 13-1/2"x 7"x 7" (34.3cm x 17.8cm x 17.8cm)

C. Shoulder Joint with Ligaments

Z4550.....

- Cast from right shoulder blade, clavicle and upper arm. Coracoacromial ligament, coraco-humeral ligament and transverse ligament of scapula joint capsula shown. Anteversion, retroversion, outer, inner rotation and abduction demonstrated. Removable from stand.
- Size: 7"x 7"x 7" (17.8cm x 17.8cm x 17.8cm)

D. Functional Model of the Shoulder Joint

NS-53.....

- Right shoulder joint features detachable ligament system allowing views of each bone, ligament and cartilage. Demonstrates arm raising, front and back swinging and inner/outer rotation. Ligaments made of sturdy elastic material. Removable from green® stand.
- Somso® Modelle, size: 10"x 8"x 9" (25.4cm x 20.3cm x 22.9cm)

E. Hip Joint with Ligaments

Z4554.....

- Cast from a natural hip and shows right side of hip with femur and ligaments. The iliofemoral ligament, ischiofemoral ligament, and pubofemoral ligament allow demonstration of movements of hip joint. Flexion and extension, abduction and adduction, outer and inner rotation.
- Size: 7"x 7"x 13" (17.8cm x 17.8cm x 33cm)

F. Functional Model of the Elbow Joint

NS-52.....

- Right elbow joint features detachable ligaments allowing views of each bone, ligament or cartilage. Demonstrates extension and flexion of upper arm, forearm and rotation of radius. Removable from green® stand.
- Somso® Modelle, size: 16"x 8"x 9" (40.6cm x 20.3cm x 22.9cm)

G. Functional Model of the Hip Joint

NS-51.....

- Right hip joint features detachable ligament system allowing views of each bone, ligament or cartilage. Demonstrates anteversion, retroversion, abduction and internal/external rotation.
- Somso® Modelle, size: 14"x 8"x 7" (35.6cm x 20.3cm x 17.8cm)

H. Functional Shoulder Joint (Right)

A80.....

- Illustrates abduction, adduction, anteversion, retroversion and internal/external rotation. Includes flexible, artificial ligaments. Removable from stand.
- 3B Scientific GmbH, size: 6-1/2"x 5"x 8" (16.5cm x 12.7cm x 20.3cm)

I. Functional Knee Joint (Right)

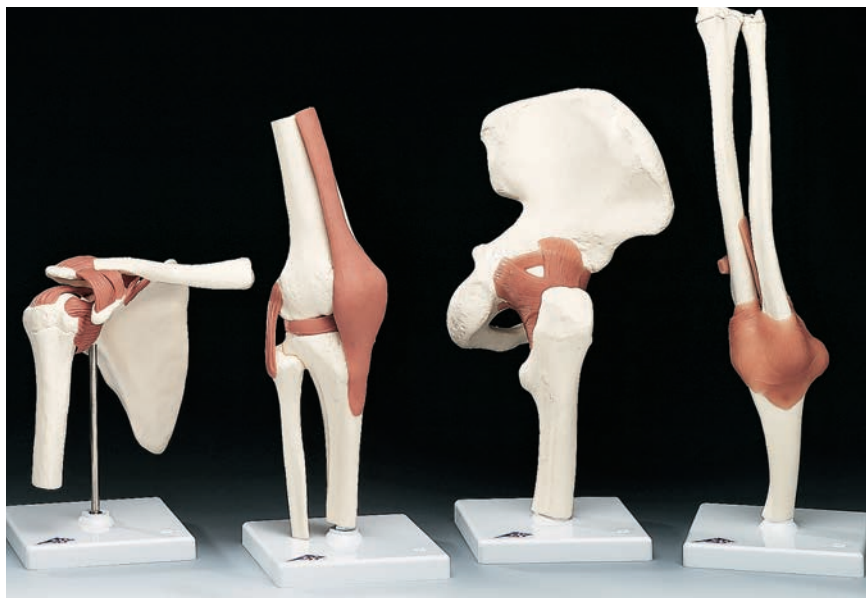
- A82.....
- Demonstrates flexion, extension and internal/external rotation. Includes flexible artificial ligaments. Removable from stand.
 - 3B Scientific GmbH, size: 5" x 5" x 13" (12.7cm x 12.7cm x 33cm)

J. Functional Hip Joint (Right)

- A81.....
- Demonstrates anteversion, retroversion, rotation. Includes flexible artificial ligaments. Removable from stand.
 - 3B Scientific GmbH, size: 6" x 6" x 12-1/2" (15.2cm x 15.2cm x 31.8cm)

K. Functional Elbow Joint (Right)

- A83.....
- Demonstrates extension, flexion and rotation of radius. Includes flexible artificial ligaments. Removable from stand.
 - 3B Scientific GmbH, size: 5" x 5" x 15-1/2" (12.7cm x 12.7cm x 39.37cm)



H. I. J. K.

L. Basic Joint Model Set

Save \$20 over individual model prices!

- GPB4.....
- Set of 4 basic joint models for one super price. Each includes a patient education card and a stand. These models do not articulate.



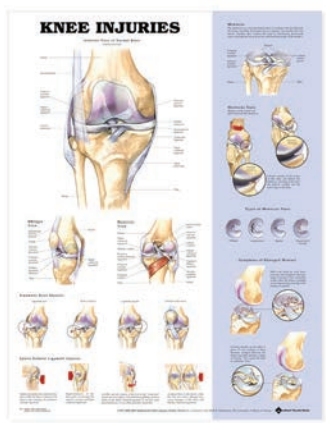
L.

M. Knee Injuries Anatomical Chart

- 978-1-5877-9757-6 Laminated.....
- 978-1-5877-9756-9 Paper.....
- 978-1-5877-9696-8 Styrene.....

N. 4-Stage Osteoarthritis Knee

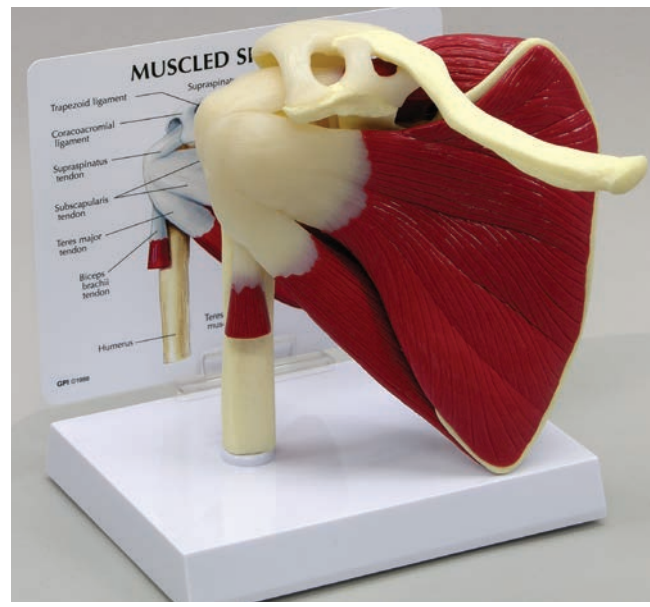
- G110.....
- Set of 4 models of the knee joint includes a normal knee joint and 3 models illustrating the stages of osteoarthritis. Shows erosion of joint articular cartilage early to advanced and formation of bone spurs. Patient education card included. Removable from stand.
 - Size: 3" x 1-3/4" x 5-1/2" (7.6cm x 4.4cm x 14cm)



M.



N.



A.



B.



C.



D.



E.



Be sure to see ...

- Anatomical Charts & Posters (pages 4-26)
- Anatomical Models (pages 42-57)
- Gifts (page 75)
- Health Education Resources (pages 39-40)
- Reference Materials & Study Aids (pages 31-34)

A. Muscled Shoulder Joint Model

- G181
- Semi-articulating right rotator cuff model has encapsulated humerus that is removable from capsular ligament. Includes ligaments and the infraspinatus, teres minor, teres major, subscapularis and supraspinatus muscles. Includes patient education card.
 - Size: 5-1/2" x 6" x 6" (13.9cm x 15.2cm x 15.2cm)

B. Muscled Elbow Joint Model

- G185
- Right elbow features bicep, tricep, flexor carpi radialis, pronator teres and extensor carpi radialis longus muscles; median, ulnar, and radial nerves; ulna, humerus, and radius bones; and palmar radiocarpal, flexor retinaculum and palmar ulnocarpal ligaments. Includes patient education card.
 - Size: 19" x 3" x 6" (48.3cm x 7.6cm x 15.2cm)

C. Life-Size Muscled Joint Set

- Save on individual model prices!*
- GP4
- Includes muscled elbow (G185), shoulder (G181), knee (G106), and hip joint (G131). Includes patient education cards.



D. Muscled Knee Joint Model

- G106
- Articulating right knee with meniscus, fibular collateral, tibial collateral, anterior/posterior cruciate and patellar ligament with patella. Extended femur and patellar ligament connected to top of quadracep. Includes patient education card. Base included.
 - Size: 3-1/2" x 3" x 10" (8.9cm x 7.6cm x 25.4cm)

E. Muscled Hip Joint Model

- G131
- Articulating right hip joint features gluteus medius, piriformis, gemellus superior and inferior with obturator internus and iliacus showing branch of psoas major. Includes patient education card. Base included.
 - Size: 5" x 4-3/4" x 8-1/4" (12.7cm x 12.1cm x 21cm)

F. Muscles of the Arm (Left)

- M10.....
- Top layers of muscles are removable to reveal the blood vessels and nerves. Dissects into 6 parts; all parts are numbered.
- 3B Scientific GmbH, size: 24" (61cm)

G. Muscles of the Leg (Left)

- M20.....
- Top layers of muscles are removable to reveal the blood vessels and nerves. Dissects into 9 parts; all parts are numbered. Base included.
- 3B Scientific GmbH, size: 30" (76.2cm)

H. Muscles of the Foot Model

- NS9.....
- Features muscles of foot and lower leg. Removable plantar fascia and superficial muscles show deep structures. Dissects into 9 parts. Made of SOMSO-Plast®. Removable from green® stand.
- Somso® Modelle, size: 7"x 7"x 13" (17.8cm x 17.8cm x 33cm)

I. Muscles of the Hand Model

- NS13.....
- Removable palmar aponeurosis and superficial muscles reveal the deep layer. Includes blood vessels and nerves. Dissects into 5 parts. Removable from green® stand.
- Somso® Modelle, size: 5-1/2"x 4-1/2"x 13-1/2" (14cm x 11.4cm x 34.3cm)

J. 9793 Ligaments of the Joints

- 978-1-58779-467-4 Laminated
- 978-1-58779-710-1 Styrene Plastic
- 978-1-58779-466-7 Paper

K. Anatomy and Injuries of the Foot and Ankle

- 978-1-5877-9838-2 Laminated.....
- 978-1-5877-9837-5 Paper.....
- 978-1-5877-9839-9 Styrene.....

L. Anatomy and Injuries of the Hand and Wrist

- 978-1-5877-9914-3 Laminated.....
- 978-1-58779-913-6 Paper.....



F.



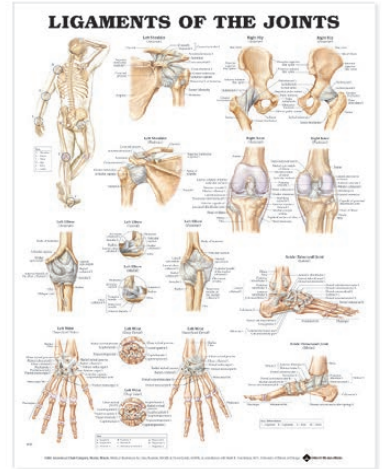
G.



H.



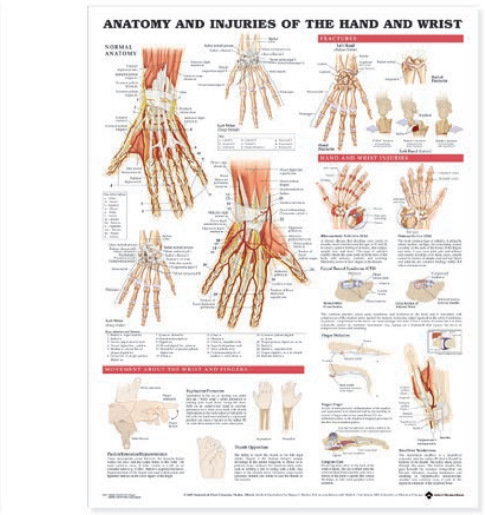
I.



J.



K.



L.



A.



B. NS1

B. NS2



C.



D.

A. Budget Foot Model Set

CHM312
 • Life-size, depicting flat foot, arched foot and normal foot. Does not dissect.
 Each foot has 23 numbered parts corresponding to key card.

B. Deluxe Foot Models

NS1 normal foot.....
 NS2 flat foot
 • Each of these life-size models features the anatomical structure of the foot and the distal end of the tibia. One piece, does not dissect.
 • Somso® Modelle, size: 5-1/2" x 10" x 4" (14cm x 25.4cm x 10.2cm)

C. Foot and Ankle Model

G198
 • Right foot features the platar calcaneonavicular (spring) ligament with plantar fasciitis. Also includes tibia, fibula, calcaneus, calcaneal (Achilles) tendon, deltoid ligament, lateral (collateral) ligament, plantar aponeurosis, cuneiform, phalanges, cuboid, navicular and metatarsal bones. Removable from base. Includes patient education card.
 • Size: 9" x 2-3/4" x 4" (22.9cm x 7cm x 10.2cm)

D. Functional Model of the Foot and Ankle

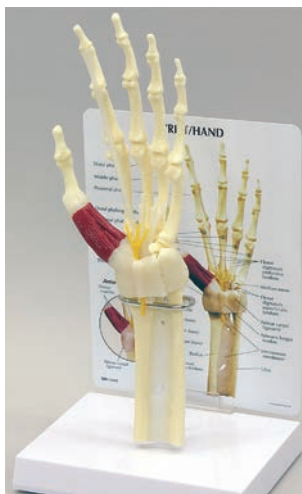
NS54.....
 • Right foot and ankle with ligamentous apparatus. Demonstrates rotary movements, bending and extension. Includes teaching manual. Removable from green® stand. Does not dissect. Made of SOMSO-Plast®
 • Somso® Modelle, size: 7" x 10-1/2" x 12-1/2" (17.8cm x 26.7cm x 31.8cm)

E. Hand and Wrist Model

G192
 • Life-size model of left hand, wrist and forearm features: distal, middle and proximal phalanges of the thumb, metacarpal bones, joint capsule ligaments, thenar muscle, palmar carpal ligament, median nerve, flexor digitorum superficialis tendons, triquetrum, pisiform, hamate, hook of hamate, flexor digitorum profundus tendons, palmaris longus tendon, interosseous membrane, radius and ulna. Palmar carpal ligament lifts to show nerves and ligaments. Removable from base. Includes patient education card.
 • Size: 11-1/2" x 3-3/4" x 1-1/4" (29.2cm x 9.5cm x 3.2cm)

F. Functional Model of the Hand and Wrist

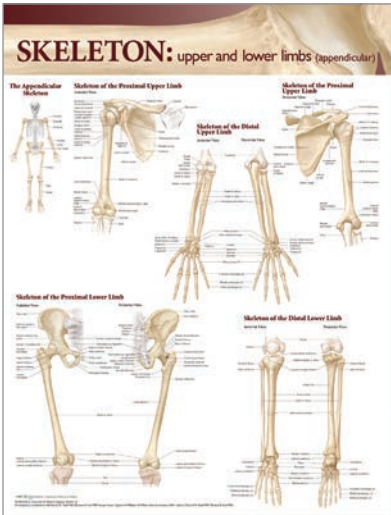
NS55.....
 • Right hand with portion of radius, ulna, and ligamentous apparatus. Bending, extension, abduction and adduction of the fingers and palmar flexion can be demonstrated. Removable from green® stand. Includes teaching manual. Does not dissect.
 • Somso® Modelle, size: 7" x 7-1/2" x 12-1/2" (17.8cm x 19.1cm x 31.8cm)



E.



F.



G.



H.

G. LWW Atlas of Anatomy Skeletal System Chart: Head and Trunk
 978-0-7817-8654-6 Laminated.....

H. LWW Atlas of Anatomy Skeletal System Chart: Upper and Lower Limbs
 978-0-7817-8653-9 Laminated.....

I. Adult Skeletons
 QS101 (Male).....
 QS108 (Female).....

- Natural cast male adult or female adult skeletons. Lifelike representation of bone structure. Skull includes a removable calvarium and mandible. Extremities are removable and joints are movable. Both right and left foot can be detached. Mounted upright on a stand with rollers.
- Somso® Modelle, size: 5' 6" (167.6cm) tall



I. 5'6" (167.6cm)t tall



J. 67" (170.1cm) tall

J. Flexible Physiotherapy Skeleton with Stand Z3014.....

- Specifically designed for use in rehab, physical therapy and sports medicine offices. Life-size skeleton features a flexible spinal cord that holds bending positions, and the skull with sutures highlighted, arms, legs and feet are easily detachable for patient consultation. The spine has spinal nerves and soft foam discs that allow for natural bending. The shoulders, hips and ankle joints have gliding joints that allow for easy movement. Mounted on a mobile base. Note: Express delivery is extra.
- Size: 67" (170.1cm) tall

ALSO AVAILABLE ...

SAVE LWW Atlas of Anatomy Skeletal System Chart Set
 978-0-7817-8641-6.....



A. 5'5" (165.1cm) tall



B. 5'5" (165.1cm) tall



C. 5'5" (165.1cm) tall



D.

A. Mr. Superskeleton

A13

- Features joint ligaments, flexible spine with nerve endings, muscle origins and insertions. Skull dissects into 3 pieces with removable calvarium and lower jaw. Flexible spine includes all spinal nerves and vertebral artery. Skull, left arm and leg are detachable. Muscle insertions and origins are painted in red and blue on left side. Right side has ligaments of shoulder, elbow, hip and knee. Left side is numbered.
- 3B Scientific GmbH, size: 5'5" (165.1cm) tall

B. Mr. Plain Skeleton

A10

- Articulated adult human skeleton for teaching purposes. Arms and legs are removable. Skull dissects into 3 parts with the mandible on spring (32 teeth). Mounted with a metal rod extending from sacrum on mobile stand.
- 3B Scientific GmbH, size: 5'5" (165.1cm) tall

C. Mr. Flexible Skeleton

A15

- Flexible spine holds various positions. All fissures, foramen and anatomical details reproduced. Skull is dissectible into 3 parts: calvarium, base and lower jaw. Upper and lower extremities are flexibly mounted and removable. Rotation and movements of skull on cervical vertebrae can be demonstrated. Spine includes nerves and vertebral artery. Flexible spine demonstrates natural movements of the human body. Mounted on a mobile stand.
- 3B Scientific GmbH, size: 5'5" (165.1cm) tall

D. Disarticulated Skeleton Learning Set

A5

- The replica of the human disarticulated skeleton includes right hand and foot on wire, and left hand and foot loose. All other bones are life-sized and separated. Includes 3 part skull with hinged jaw. Sternum has attached intracostal cartilage. Great for any in depth study of the anatomy of the human skeleton. Includes a sturdy partitioned storage box.
- 3B Scientific GmbH

E. Painted & Numbered Budget Bucky® Skeleton
CH168.....

- Life-size skeleton has muscle insertions and origins painted on the left side of the skeleton and numbers of important features on the right side. Calvarium is cut with moveable jaw mounted on springs. All joints articulate. Arms, legs and skull are removable. Includes a rolling stand, comprehensive key and our **Illustrated Pocket Anatomy Study Guide: The Muscular & Skeletal Systems, 2nd Edition**. Also includes extra hardware for emergency repairs. Choking hazard: small parts. Not for children under 3 years.
- Size: 5'6" (167.6cm) tall. Weight: 23 lbs. (10.4kg)

F. Disarticulated Budget Skeleton with Skull
CHA5/1 (full)
CHA4/1 (one-half, not shown)

- Life-size, disarticulated adult skeleton includes 3-part skull, left hand and left foot on wire. Also available as one-half disarticulated adult skeleton which includes the left hand and left foot on wire. Cannot be assembled.

G. Numbered Budget Bucky® Skeleton
CH10N (inset picture shown)

- Same as item CH-10 but with 200 numbered parts to identify the various bones. Includes a rolling stand, comprehensive key and **Illustrated Pocket Anatomy Study Guide: Muscular and Skeletal Systems, 2nd Edition**.
- Size: 5'6" (167.6cm) tall. Weight: 23 lbs. (10.4kg)

H. Budget Bucky® Skeleton
CH10.....

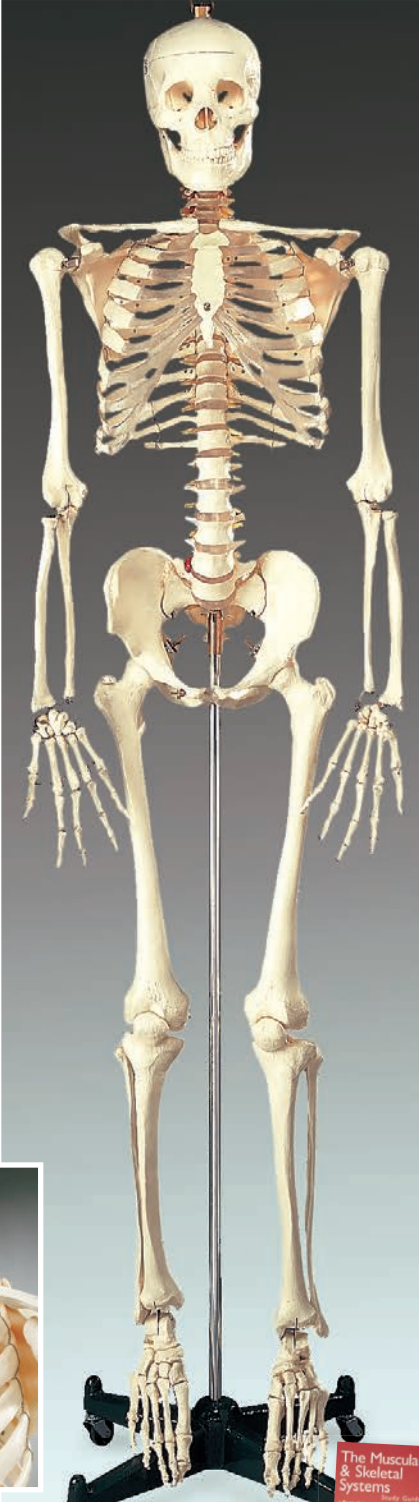
- Life-size articulated adult skeleton, ideal for teaching the basics of anatomy. Articulated joints allow for movement, and skull, arms and legs are removable. Features nerve branches, vertebral artery and herniated lumbar disc. Skull with movable jaw, cut calvarium, suture lines, and 3 removable lower teeth. Includes rolling stand and the **Illustrated Pocket Anatomy Study Guide: The Muscular & Skeletal Systems, 2nd Edition**. Also includes extra hardware for emergency repairs. Choking hazard: small parts. Not for children under 3 years.
- Size: 5'6" (167.6cm) tall. Weight: 23 lbs. (10.4kg)



Illustrated Pocket Anatomy Study Guide: The Muscular & Skeletal Systems, 2nd Edition

INCLUDED FREE!

E. 5'6" (167.6cm) tall



INCLUDED FREE!

Illustrated Pocket Anatomy Study Guide: The Muscular & Skeletal Systems, 2nd Edition

H. 5'6" (167.6cm) tall



F.



G.



A. 33-1/2" (85.1cm) tall



B. 33-1/2" (85.1cm) tall



C. 33-1/2" (85.1cm) tall



D. 25-1/2" (64.8cm) tall



E. 16-1/2" (41.9cm) tall



F. 50" (127cm) tall

A. Mr. Thrifty® Skeleton

WCP-1

- Economical teaching skeleton with user-friendly personality will encourage children to learn the names of bones; details will satisfy students, doctors and anyone interested in the human skeleton. Removable calvarium. Stand included. Choking hazard: small parts. Not for children under 3 years.
- Size: 33-1/2" (85.1cm) tall

B. Flexible Mr. Thrifty® Skeleton with Spinal Nerves

WCP1NX

- More advanced version of Mr. Thrifty™ Skeleton features flexible spine with spinal cord, nerve roots, the vertebral artery, a herniated disc, cartilage, removable 3-piece skull and extremities. Popular desktop model for rehabilitation, physical therapy and sports medicine professionals. Stand included. Choking hazard: small parts. Not for children under 3 years.
- Size: 33-1/2" (85.1cm) tall

C. Painted Mr. Thrifty® Skeleton

WCP85

- Has muscle insertions and origins painted on the left side and numbers of important features on the right side. Calvarium is cut and jaw is spring mounted. Arms, legs and skull are removable. Stand included. Choking hazard: small parts. Not for children under 3 years.
- Size: 33-1/2" (85.1cm) tall

D. Painted Big Tim Skeleton

CMS65

- Has muscle insertions and origins painted on the left side and numbers of important features on the right side. Calvarium is cut and jaw is spring mounted. Arms, legs and skull are removable. Stand included. Choking hazard: small parts. Not for children under 3 years.
- Size: 25-1/2" (64.8cm) tall

E. My First Skeleton (Tiny Tim)

CMS1

- Our most popular miniature skeleton offers hands-on learning for curious kids who want to understand how many, locations and shapes of the bones that make up the human skeleton. Special features include a moveable jaw, a skull whose calvarium opens for a look inside, and removable arms and legs. For a classroom teaching model, please consider our Mr. Thrifty budget skeletons. Stand included. Choking hazard: small parts. Not for children under 3 years.
- Size: 16-1/2" (41.9cm) tall

F. Budget Bart® Skeleton

CH95

- 3/4 life-size skeleton is economically priced and features spinal nerves, vertebral artery, jaw on springs and cut calvarium. Knee, shoulder, and hip are articulated; hands and feet are not. Stand included. Choking hazard: small parts. Not for children under 3 years.
- Size: 50" (127cm) tall



Be sure to see ...

- Anatomical Charts & Posters (pages 4-26)
- Anatomical Models (pages 42-57)
- Health Education Resources (pages 39-40)
- Reference Materials & Study Aids (pages 31-34)
- Training Aids & Simulators (page 41)



A.



A. Anatomical Key Ring Collection

- 7032SP Hand.....
- 7033SP Hip.....
- 7041SP Skull.....

- Miniature replicas of human bones and body parts are handcrafted into clever, anatomical key rings. Made of durable plastic. Includes informative key card on back of package. Choking hazard: small parts. Not for children under 3 years.
- Minimum 3 per item

B. Bone Socks

- SS26AKLWH Bone Socks (white).....
- SS26AKLBK Bone Socks (black) (not shown).....

- 60% cotton, 35% polyester and 5% nylon knee length socks show the various bones of your lower leg and the top of your foot. Pictured on the sole is a reflexology/organ legend. One-size-fits-all.



B.

Customers rate Anatomical Chart Company products

★★★★★

"My favorite gift"

Suzanne, Scotland

Charts & Posters**Addictions 19, 40**

Alcohol, Dangers of 19, 40
Smoking, Dangers of 19, 40

Alternative Therapy Resources 36-37

Acupoints of Traditional Chinese Medicine 37
Acupuncture, Points and Meridians of 37
Reflexology 37

Blueprint for Health Series Chart Set 35

Your Brain and Nerves; Your Digestive System;
Your Ears Hearing and Balance; Your Eyes; Your
Heart and Blood; Your Muscles; Your Respiratory
System; Your Skeleton; Your Taste and Smell

BMI and Waist Circumference 15**Cardiovascular System 13, 14, 15, 47**

Cardiology Chart Sets 14, 47
Cardiovascular Disease 15
Cholesterol 15
Heart, Anatomy of 13
Heart Conditions 13
Heart Disease 15
Hypertension 15
Metabolic Syndrome 15
Vascular System and Viscera 13

Digestive System 17**Dimensional Man 35****Diseases and Disorders 9, 11, 13, 17, 19,
20, 21, 25, 26**

Allergies 20
Alzheimer's Disease 11
Arthritis 9
Asthma 19
Breast Disease, Benign 25
Cancer
 Breast 25, 26; Cervical 25, 26; Colorectal 17,
 26; Kidney 19, 26; Leukemia 26; Liver 19, 26;
 Lung 19, 26; Ovarian 25, 26; Pancreatic 17, 26;
 Prostate 25, 26; Skin 22, 26
Carpal Tunnel Syndrome 9
Chronic Obstructive Pulmonary Disease (COPD) 19
Common Cold 20
Depression 13
Diabetes 17
 Understanding Type 1 17
 Understanding Type 2 17
Digestive System, Diseases of 17
Epilepsy 13
Erectile Dysfunction 25
Gastroesophageal Disorders and Digestive
 Anatomy 17
Gynecological Disorders 25
Hepatitis 19
Inflammatory Bowel Disease (IBD) 17
Irritable Bowel Syndrome 17
Influenza 20
Leukemia 26
Lung, Diseases of 19
Migraines & Headaches 13
Multiple Sclerosis 11
Parkinson's Disease 11
Schizophrenia 13
Sexually Transmitted Infections (STIs) 25
Skin and Common Disorders 22
Sleep Disorders 13
Thyroid Disorders 17
Ulcers 17
Urinary Tract, Diseases of 19

Ear, Nose, Throat 20

Ear, Anatomy of the Inner 20

Ear, Organs of Hearing and Balance 20
Middle Ear Conditions 20
Pharynx & Larynx 20

Endocrine System 17**Exercise and Health Training 39****Eyes 20**

Anterior and Posterior Chambers 20
Disorders of 20

First Aid 40

Choking First Aid for Adults 40
CPR for Adults 40

Hair, Human 22**Hand Hygiene 25****Immune System: Allergic Response 20****Internal Organs 17****Kidney 19****Liver 19****Lymphatic System 13****Muscular System 4**

Female 4

Nervous System 11

Autonomic 11
Dermatomes 11

Neurologic System 11, 13

Alzheimer's Disease 11
Brain 11
Epilepsy 13
Migraines and Headaches 13
Neurology Chart Sets 11
Parkinson's Disease 11
Stroke 11

Nutrition 15, 38

Keys to Healthy Eating 15
Nutrition and Healthy Weight 38

Obesity 15, 38

BMI & Waist Circumference 15
Maintaining a Healthy Weight 15
Metabolic Syndrome 15
Risks of Obesity 15
Understanding Your Weight 15, 38

Osteoporosis 6**Pain 11**

Low Back 11

Pregnancy and Birth 22

Prenatal Development 22

Reproductive System 22, 25

Breast, Female 22
Infertility 22
Male 25
Menopause 25
Prostate 25

Respiratory System 19

and Asthma 19

Skeletal System 5-6, 9, 11, 39

Anatomy and Injuries 6, 9
Foot and Ankle 9
Hand and Wrist 9
Head and Neck 6
Head and Trunk 5
Hip and Knee 9
Joints, Ligaments of 9
Joints, Lower Extremities 6
Joints, Upper Extremities 6
Knee Injuries 9, 39
Shoulder and Elbow 6
Skull 6
Spinal Nerves 11
Spine, Human Disorders 6
Vertebral Column 6
Upper and Lower Limbs 5

Skin, and Common Disorders 22**Teeth and Jaw 22**

Anatomy of 22
Disorders of 22
Temporomandibular Joint (TMJ) 22

Thin Man Anatomy Overlay 42**Urinary Tract 19****Vascular System and Viscera 13**

Deep Vein Thrombosis 13

Chart Collections**Anatomical Visual Guide to Sports Injuries 30, 39****Anatomy & Pathology, 6th ed. 28****Blueprint for Health Series Chart Set 35****Cardiology 14, 47****Classic Anthology of Anatomical Charts,
8th ed. 30****Diseases & Disorders, 3rd ed. 28****English and Spanish Anatomical Chart
Desktop Collection 29****Healthy Lifestyles 40****LWW Atlas of Anatomy: Skeletal System 5, 27, 71****Neurology 11, 60****Nutrition and Healthy Weight 38****Systems & Structures, 3rd ed. 28****Gifts 75**

Cap, Anatomical; Anatomical; Mug, Skeleton, Petit
Pete; Socks, Bone

Health Education Resources

Breast Cancer Model 40
Breast Examination Teaching Model 40
Healthy Lifestyles Chart Set 40
Multi-Type Breasts Model 40
Testicular Self-Examination Model 40

Models, Anatomical**Acupuncture 37****Arteries 48**

4-Piece 48; Occluded 48

Brain 55-57

Budget 57; Budget, Classic 5-Part 57; Color-Coded
8-Part 57; Deluxe 55; Deluxe 8-Part ,with Arteries
57; Deluxe, with Arteries 56; Demonstration 56; in
Skull, Diseased 57; Transparent 55; Two-Part 57

Breast 40, 53

Cancer 40; Cross-Section 53; Examination Teaching
40; Multi-Type 40

Circulatory System 47**Digestive Tract 51****Ear 45**

Budget Giant 45; Four-Part 45; Functional Human
45; Life-Size 45

Eye 44

Budget Whopper 44; Cataract 44; Cutaway 44;
Economy 44; Eyeball, with Part of Orbit 44;
Human 44

Gastrointestinal Tract, Lower 51**Genital Organs 53****Head 54-56**

and Neck, Deluxe, with Brain 54; Human, Half 55;
Neuroanatomy 56; with Brain 54

Heart 46-49

Basic 49; Budget Jumbo 49; Budget Life-Size 49;
Cutaway 49; Giant 47; Heart of America Plus with
Coronary Bypasses 47; Human 47; Mini Set 48;
Two-Part, 49; with Lungs 46

Hypertension 48**Jaw 50****ANATOMICAL CHART COMPANY**

and Teeth, Development Set 50

Kidney 52

Basic 52; Human, and Adrenal Gland 52

Larynx 45-46

Human, with Tongue 46; Larynx

Lungs 46

Diseased 46; Respiratory Organs 46; Right 46; with Heart 46

Muscles 38, 39

and Fat, Replica 38; Male 39

Pancreas, Spleen, and Gallbladder 51**Pelvis 52-54**

Pelvic Section, Female 52; Pelvis and Pelvic Floor, Composite 53; Pelvis, Male/Female 53; Pelvis Section, Human Female 52, 53; Pelvis Section, Human Male 52, 53; Uterus and Ovaries with Pathologies 53; Uterus with Fetus 54

Sinus, Basic 45**Skin 54**

Budget Super 54; Section 54; with Burns 54

Stomach with Ulcers, 51**Teeth 50**

and Gum, Diseased 50; Flossing and Brushing 50; Giant, Brushing 50; Molar, Giant 50

Thyroid Disease 45**Torso 42-43**

Budget Dapper Dan 43; Budget Functional Francis 42; Budget Little Joe 43; Budget Peter/Petra 43; Budget Tall Paul 43; Classic Sexless 42; 12-Part Mini 43

Models, Skeletal**Ankle 69, 70**

and Foot 70; and Foot, Functional 70

Arm

Muscles of (left) 69

Atlas/Axis Model, Giant 58**Elbow 66-68**

Joint, Functional 66; Joint, Functional (right) 67; Joint, Muscled 68

Extremities 65

Life-size 65

Foot 65, 69-70

and Ankle 70; and Ankle, Functional 70; Budget Set 70; Deluxe 70; Elastic 65; Elastic, Demonstration 65; Elastic, Painted on 65; Muscles 69

Hand 65, 69-70

and Wrist 70; and Wrist, Functional 70; Elastic 65; Elastic, Demonstration 65; Elastic, Painted on 65; Muscles 69

Hip 66-68

Joint, Functional 66; Joint, Functional (right) 67; Joint with Ligaments 66; Joint, Muscled 68

Joints 67-68

Basic Model Set 67; Life-Size Muscled Joint Set 68

Knee 66-68

4-Stage Osteoarthritis 67; Joint, Functional 66; Joint, Functional (right) 67; Joint with Ligaments 66; Joint, Muscled, 68

Leg 69

Muscles (left) 69

Shoulder 66, 68

Joint, Functional 66; Joint, Functional (right) 66; Joint, with Ligaments 66; Joint, Muscled 68

Skeletons 35, 71-74

Adult 71; Big Tim, Painted 74; Budget Bart 74; Budget Bucky 73; Budget Bucky, Numbered 73; Budget Bucky, Painted and Numbered 73; Budget, Disarticulated, with Skull 73; D isarticulated Learning Set 72; Extremities, Life-Size

Skeletal 65; Flexible Physiotherapy, with Stand 71; Mr. Flexible 72; Mr. Plain 72; Mr. Superskeleton 72; Mr. Thrifty 74; Mr. Thrifty, Flexible, with Spinal Nerves 74; Mr. Thrifty, Painted 74; My First Skeleton (Tiny Tim) 74; Petit Pete 35, 75; Torso 60

Skull 62-64

Artificial Adult Human 63; Budget 64; Budget Two-Piece 64; Budget, with 8-Part Brain 64; Budget, with Cervical Vertebrae on Stand 64; Classic Human 63; Female 62; Fetal 63; Human, Female 63; Human, First-Class 62; Human, Snap-Together, 14-Part 62; Human, with Numbers 62, 63; Human, with Painted Musculature 63; Mr. Thrifty, with 8-Part Brain 64; Second Dentition 62; Skull Kit 62; TMJ 63

Spine 58, 60-61

Didactic, Flexible, with Femoral Heads 60; Flexible, Soft Disc 61; Lumbar, with Innervation 58; Muscle, with Disorders 60

Vertebrae 58-61

Basic Lumbar, with Sacrum 59; Budget, Four-Part Lumbar 59; Budget Lumbar, with Interchangeable Discs 59; Column, Budget 61; Column and Femoral Heads 61; Column, Desk-Size 60; Column, Flexible Lumbar, with Herniated Disc 58; Column, Flexible, Region 59; Column, with Muscle Painting 60; Column, Vertebral with Pelvis 61; Fifth Cervical 58; Four-Stage Set 59; Lumbar, Teaching Model 59

Wrist 69-70

and Hand 70; and Hand, Functional 70

Publications**Flash cards 33**

Clemente's Anatomy 33

Moore's Clinically Oriented Anatomy 33

Orthopedic and Neurological Examination in a Flash 33

Rohen's Photographic Anatomy 33

Online 32

AclandAnatomy.com 32

Reference Materials and Study Aids 32-36, 39

ACSM's Resources for the Personal Trainer, 4th ed. 39

Anatomy: A Regional Atlas of the Human Body, 6th ed. 32

Anatomy & Physiology Made Incredibly Easy!, 4th ed. 34

Clinical Anatomy for Your Pocket 33

Clinically Oriented Anatomy, 7th ed. 32

Color Atlas of Anatomy: A Photographic Study of the Human Body, 7th ed. 32

Essential Clinical Anatomy, 4th ed. 32

Functional Anatomy: Musculoskeletal Anatomy, Kinesiology, and Palpation for Manual Therapists, Revised and Updated Edition 33

Grant's Atlas of Anatomy, 12th ed. 32

Human Form, Human Function: Essentials of Anatomy & Physiology 32

An Illustrated Adventure in Human Anatomy, 2nd ed. 35

Illustrated Pocket Anatomy Study Guides 31

Anatomy and Disorders of the Digestive System, 2nd ed.; *Anatomy and Disorders of the Respiratory System*, 2nd ed.; *Anatomy of the Brain*, 2nd ed.; *Anatomy of the Heart*, 2nd ed.; *Circulatory System*, 2nd ed.; *Muscular and Skeletal Systems*, 2nd ed.; *Spinal Nerves and the Autonomic Nervous System*, 2nd ed.; *Vertebral Column and Spine Disorders*, 2nd ed.

Introduction to Massage Therapy, 3rd ed. 36

Lippincott Williams & Wilkins Atlas of Anatomy 32

Lippincott's Illustrated Q&A Review of Anatomy and Embryology 33

A Massage Therapist's Guide to Pathology, 4th ed. 36

Medical Spanish Made Incredibly Easy!, 3rd ed. 34

Nursing2014 Drug Handbook, 34th ed. 34

Rapid Review Reference Guide, 3rd ed. 31

Spanish-English English-Spanish Pocket Medical Dictionary 34

Spanish-English English-Spanish Medical Dictionary, 3rd ed. 34

Stedman's Abbreviations, Acronyms & Symbols, 4th ed. 33

Stedman's Medical Dictionary, 28th ed. 33

Stedman's Medical Dictionary for the Health Professions and Nursing, 6th ed. 33

Trigger Points: Understanding Myofascial Pain and Discomfort, 2nd ed. 36

2014 Lippincott's Nursing Drug Guide 34

Spanish Resources 29, 34**Stands**

Portable Chart 27

Space-Saver Display 27

Spine 60

Training Aids & Simulators 41

Female Model with Bladder; Injection Teaching Model; Male Model with Bladder;



Health care professionals' top picks for enduring value at budget-friendly prices

You'll easily find the perfect way to connect and motivate patients and health care staff with a rich, varied selection of education aids. The choices you make from among hundreds of Anatomical Chart Company products always ...

- **address the most timely and urgent topics**, from disease prevention to an understanding of specific anatomic sites, organs, and body systems
- **present the message you want in the most appropriate way** with images and text that are specially crafted to educate clearly without provoking unnecessary discomfort
- **sustain their value for years**, including anatomy and physiology materials that never outlive their usefulness.

Customers rate Anatomical Chart Company products



“Love it!”

Harold, Chicago, IL



MUSCULOSKELETAL HEALTH

- The Muscular System Chart *See page 4*
- The Skeletal System Chart *See page 5*
- The Muscular & Skeletal Systems Study Guide, 2nd Edition *See page 31*
- Functional Knee Joint Model *See page 67*
- Budget Skull Model *See page 64*
- Muscle Shoulder Joint Model *See page 68*
- Budget Vertebral Column Model *See page 61*
- Budget Bucky™ Skeleton Model *See page 73*

BOOKS AND CHART COLLECTIONS

- Classic Anthology of Anatomical Charts, 8th Edition, 2-Volume Set *See page 30*
- Anatomical Visual Guide to Sports Injuries *See page 30*
- Rapid Review Reference Guide, 3rd Edition *See page 31*

HEART HEALTH

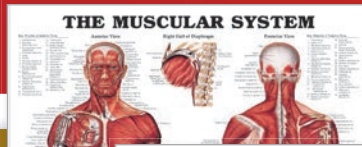
- Cardiology Chart Set 1: The Heart, and Heart Disease *See page 14*
- Budget Life-Size Heart Model *See page 49*
- Budget Jumbo Heart Model *See page 49*
- Anatomy of the Heart Study Guide, 2nd Edition *See page 31*
- The Circulatory System Study Guide, 2nd Edition *See page 31*

Customers rate Anatomical Chart Company products



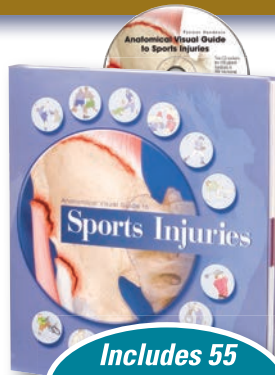
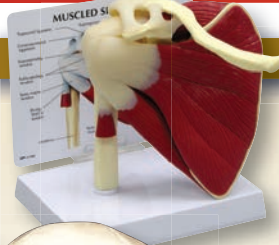
“Important tool”

Bonnie, Chicago, IL

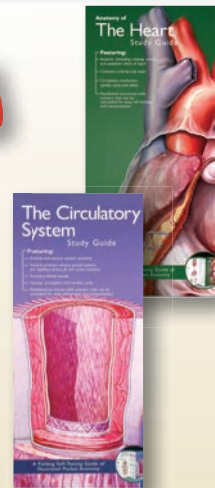
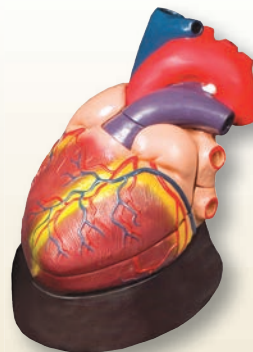
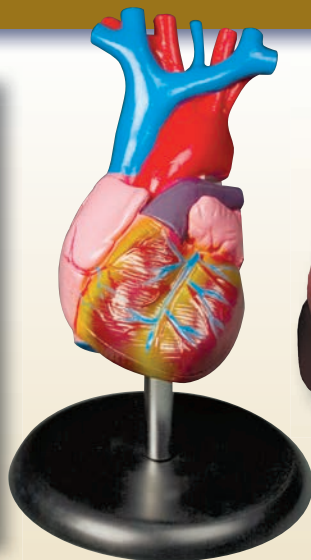
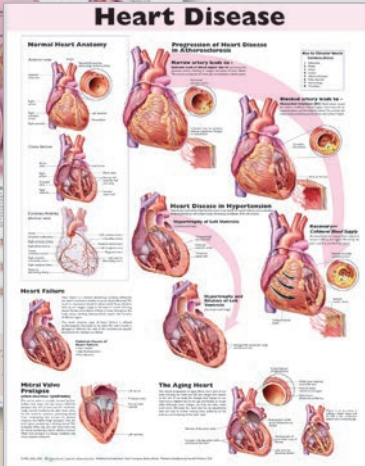
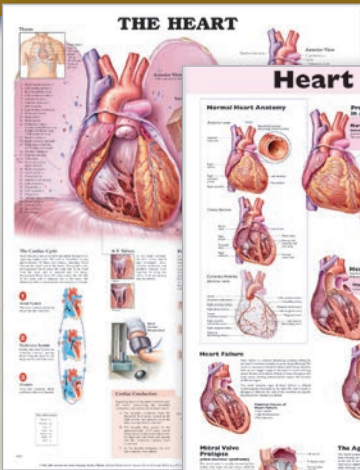
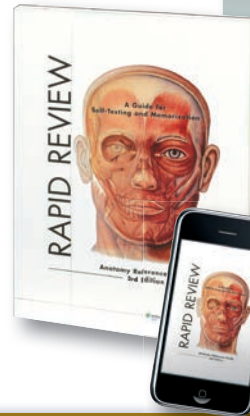


Spanish

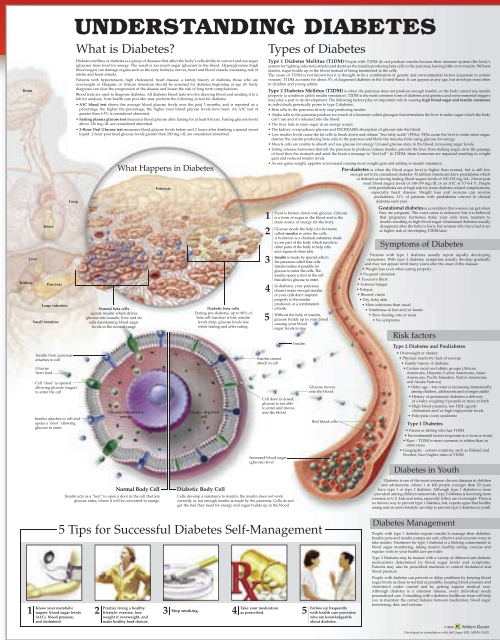
Spanish



Includes 55 patient teaching handouts

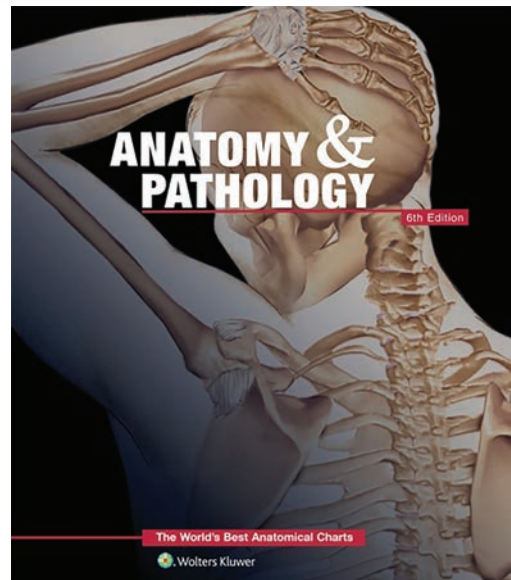


Brand-new chart!



A. Understanding Diabetes 3rd Edition
 978-1-4698-9492-8 Laminated.....
 978-1-4698-9489-8 Paper.....

**New edition —
 44 new and updated charts!**



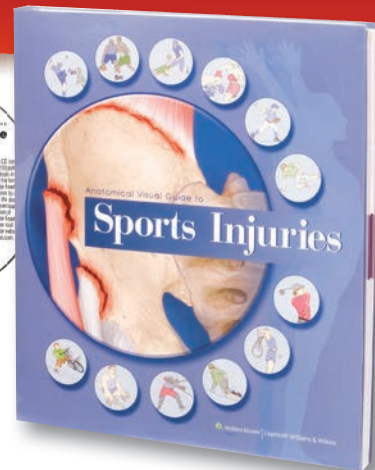
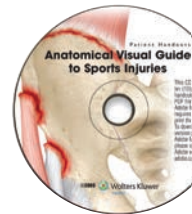
Anatomy & Pathology: The World's Best Anatomical Charts
 978-1-46988-990-0.....

**Clearly explain anatomy and sports injuries to your patients
 for better prevention and quicker return to play.**

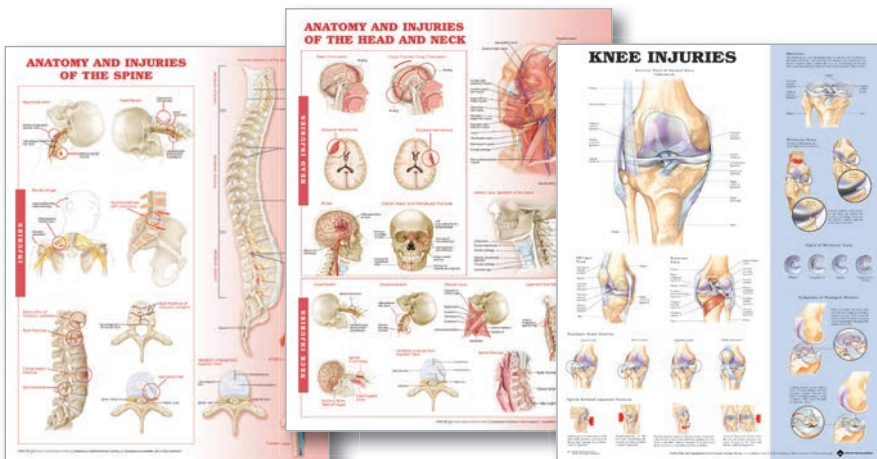
Anatomical Visual Guide to Sports Injuries

This highly visual guide is sensibly organized by body region and displays the basic layers of anatomy, movement, and common sports injuries in adults and children. **A BONUS CD-ROM** lets you easily print **55 patient teaching handouts** that show clear, anatomically correct images along with sports injury explanations.

978-0-7817-7361-4



6669 Anatomy and Injuries of the Spine
 978-0-7817-8667-6 Laminated.....
 978-0-7817-8666-9 Paper.....
6706 Anatomy and Injuries of the Head and Neck
 978-0-7817-8671-3 Laminated.....
 978-0-7817-8670-6 Paper.....
9872 Knee Injuries
 978-1-58779-757-6 Laminated.....
 978-1-58779-696-8 Styrene Plastic.....
 978-1-58779-756-9 Paper.....



Order Today!