

ANATOMICAL CHART COMPANY



Why is Hand Hygiene so Important?

Hands are the main pathway 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 • Cleanse/surgery procedure • Sterile site

After

• Body fluid exposure • Touching patient or patient surroundings • Glove use



Hand Rubbing Techniques

Rub hands with gloves to help hygiene. Rub hands until fully wet. Duration of hand rubbing process: 20 - 30 seconds.



Apply a palmful of product to a cupped hand, covering all surfaces.

3



Hand Washing Techniques

Wash hands after every contact. Otherwise, use hand rub. Duration of hand washing process: 40 - 60 seconds.



Wash for 40 seconds. Use the palm of one hand to rub the back of the other hand, and vice versa. Rub the palms together with fingers interlaced. Rub the backs of fingers against palms with fingers interlaced. Rotate wrists and rub palm with fingers crossed.

Medical-quality charts, posters, models, study guides, and more

Durable, lifelike, 3-dimensional replicas

Accurate, comprehensive reference tools in every specialty area



Wolters Kluwer
Health

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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



Cross Reference
directions to additional, related resources



ANATOMICAL CHART COMPANY

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.

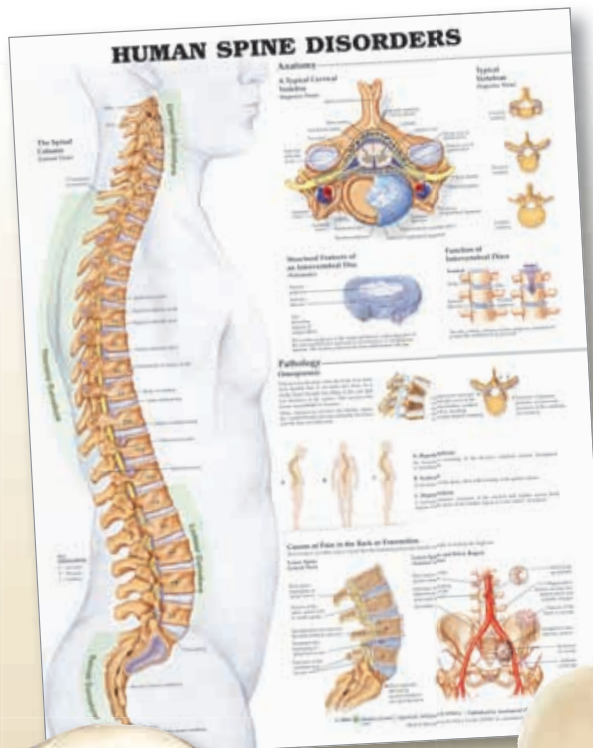
Clinical personnel rapidly advance their knowledge with inservice support that meets your highest quality standards. And you accomplish it all at a price point that fits easily within your budget.

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.

Please contact your local sales representative for more information.

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

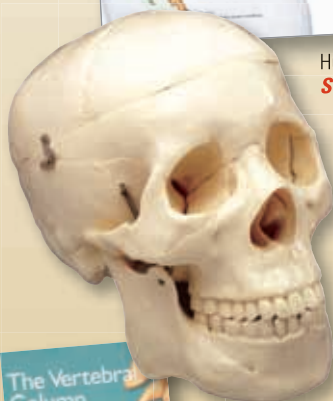
Essential Aids for Focused Learning, Rapid Comprehension, and Quick Reference



Human Spine Disorders Chart
See page 6



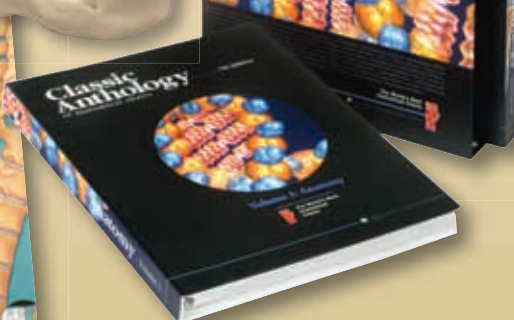
Budget Vertebral
Column Model
See page 61



Budget Skull **See page 64**



The Vertebral Column and Spine Disorders Study Guide,
2nd Edition..... **See page 31**



Classic Anthology of Anatomical Charts,
7th Edition, 2-Volume Set..... **See page 30**

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**
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...and more!



Rapid Review Reference Guide Online Deliverable

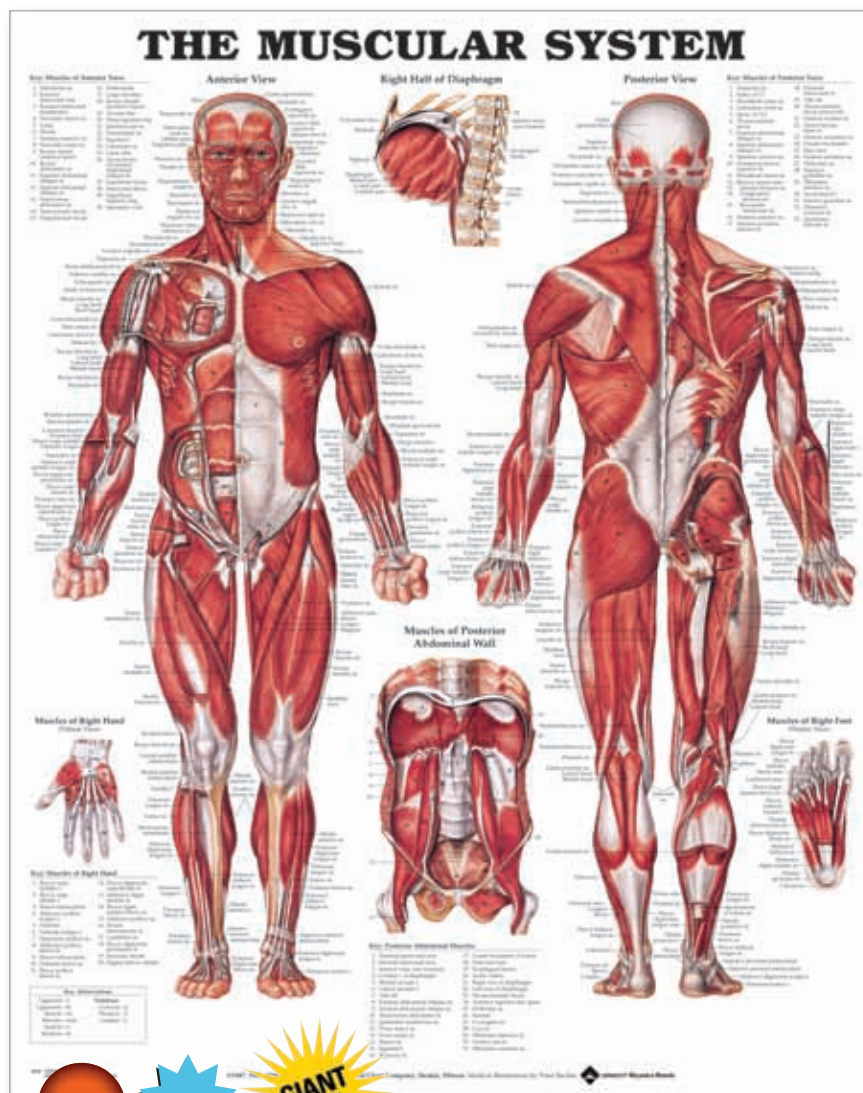
See page 31

Customers rate Anatomical Chart Company products



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

Michael, Ireland



- **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.



B.

Customers rate Anatomical Chart Company products



"Excellent!"

Jose, Puerto Rico

Poster sizes and materials

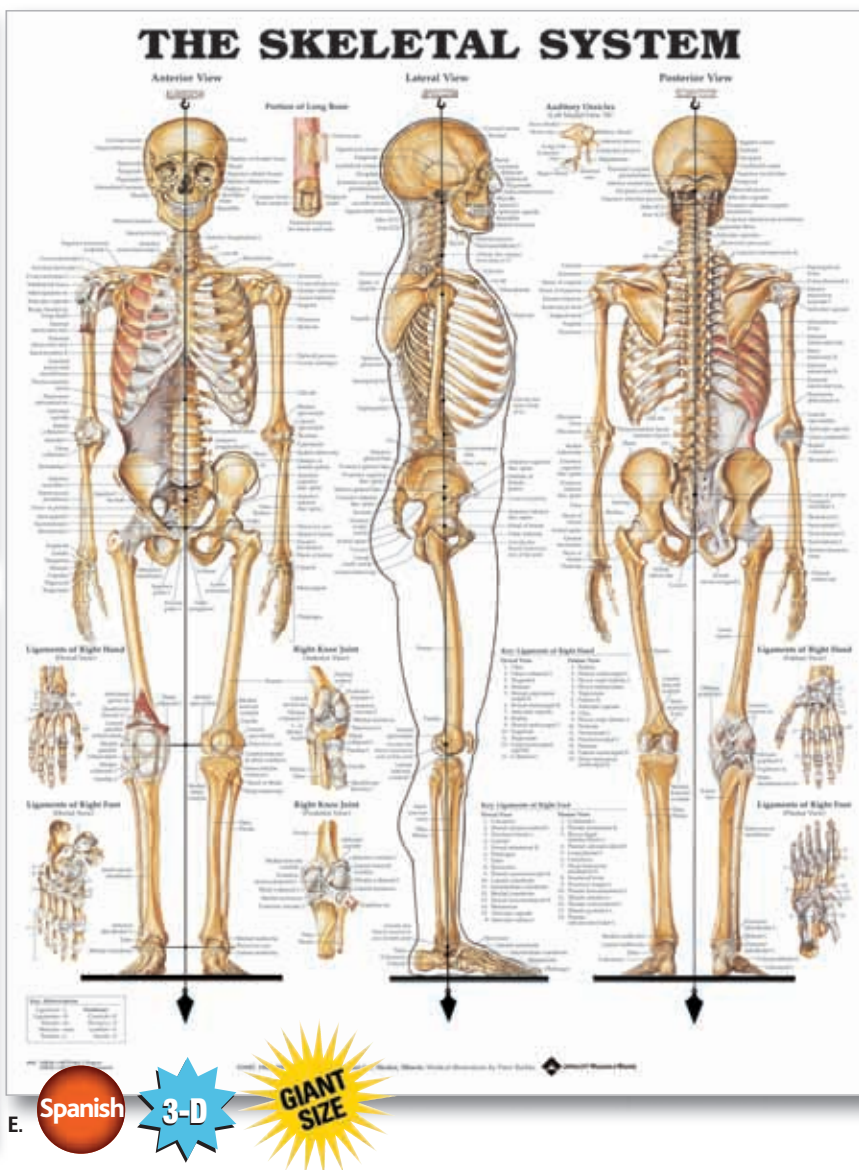
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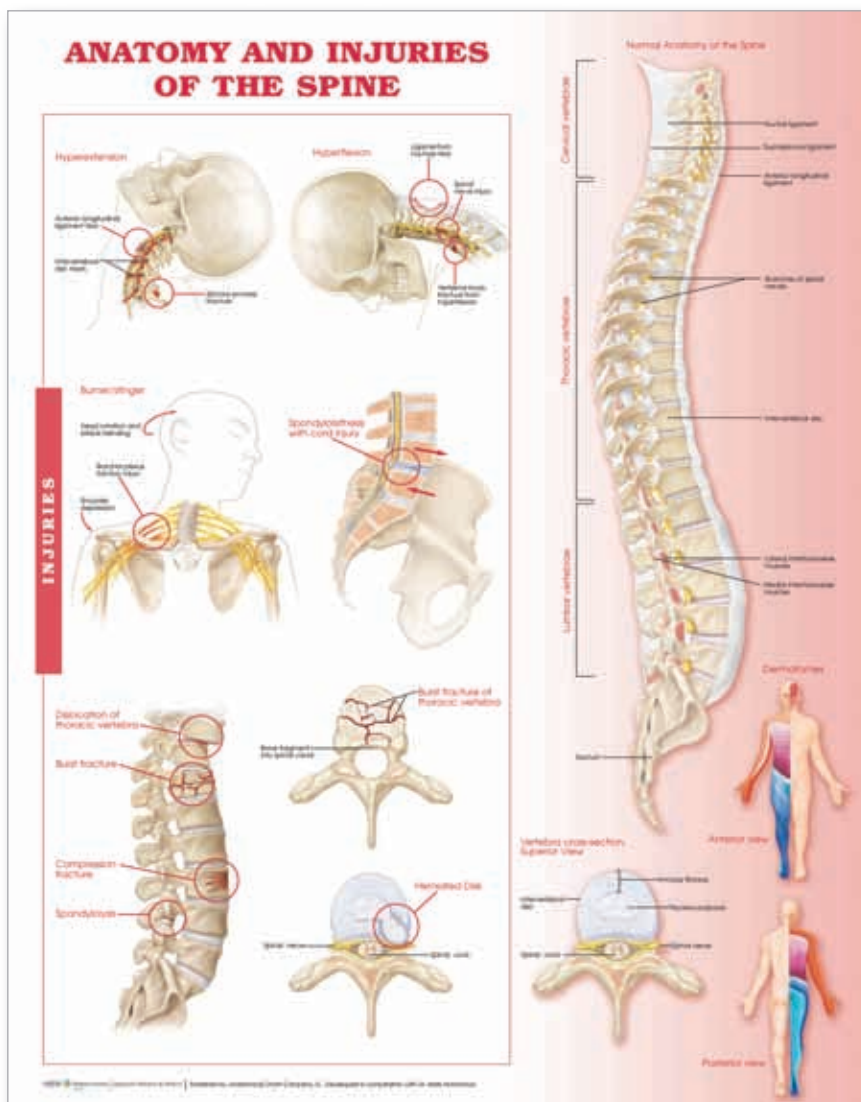
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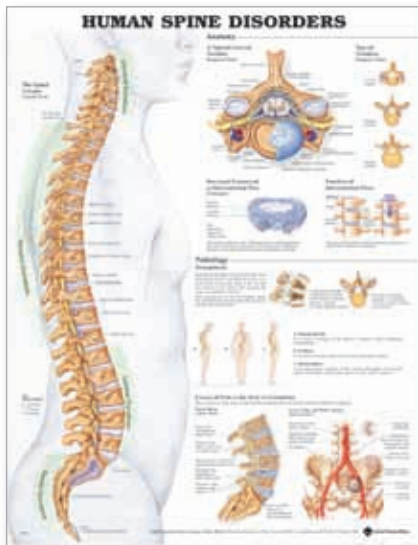
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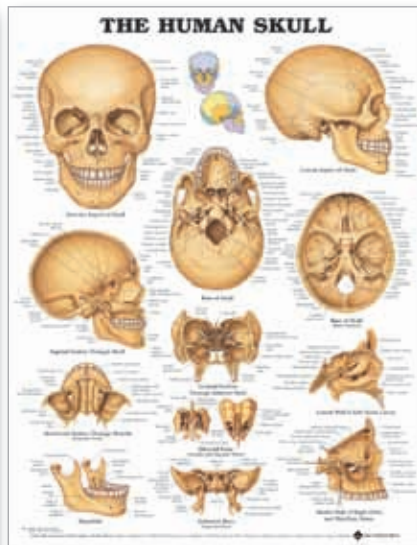
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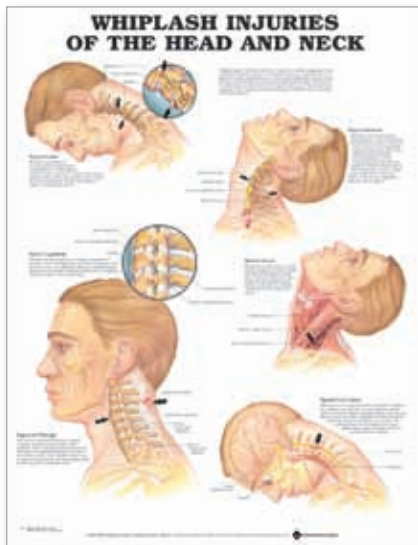
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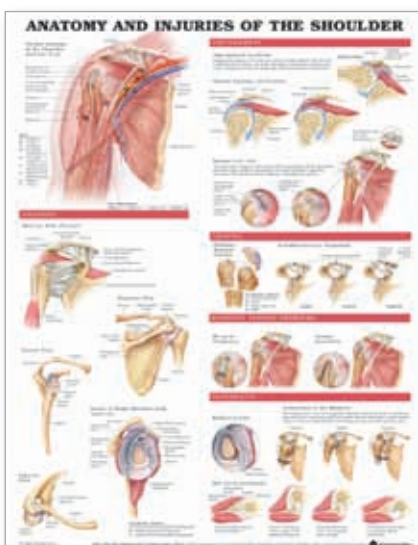
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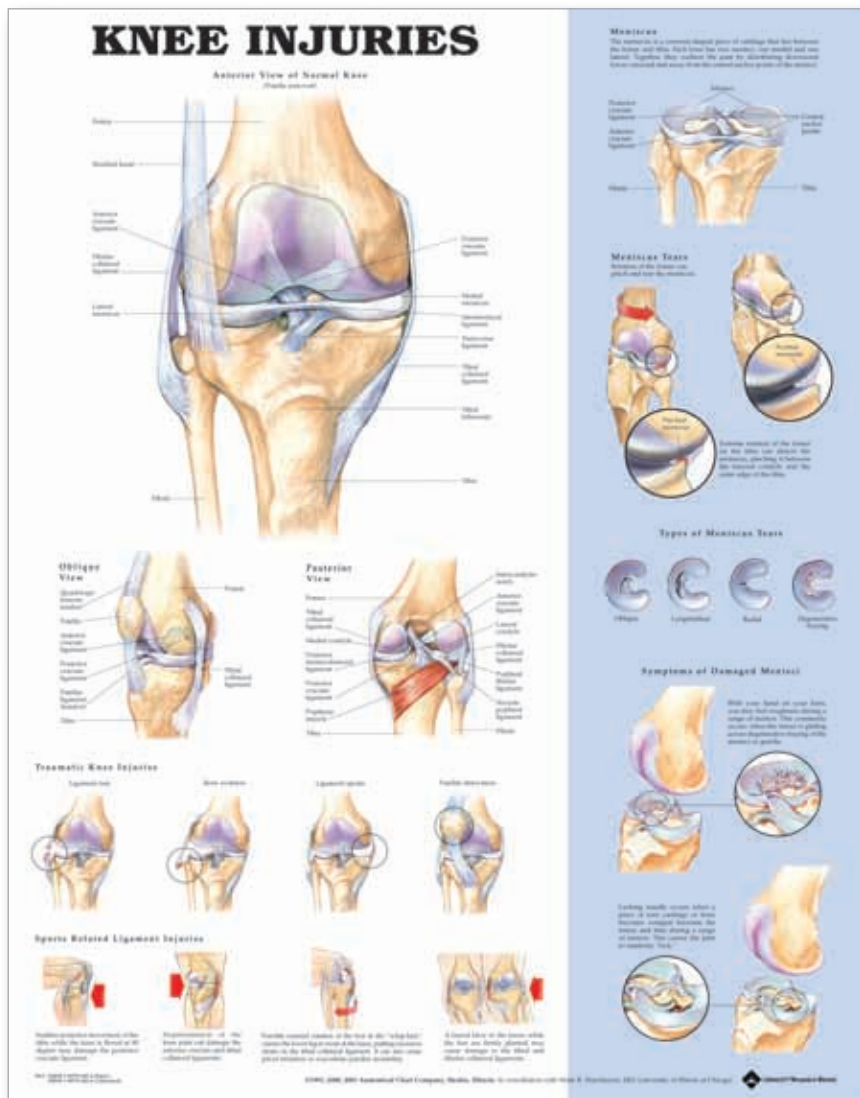
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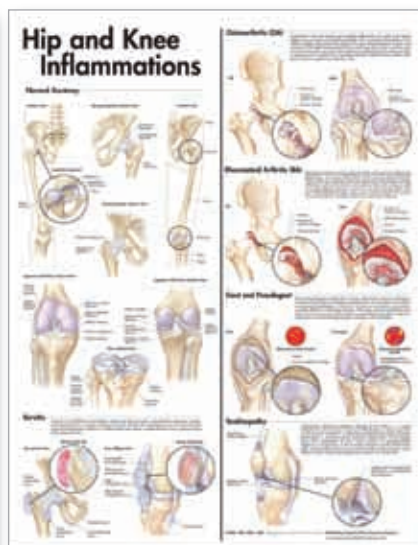
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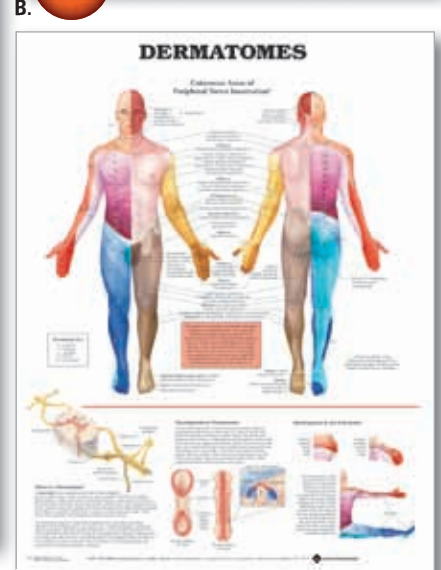
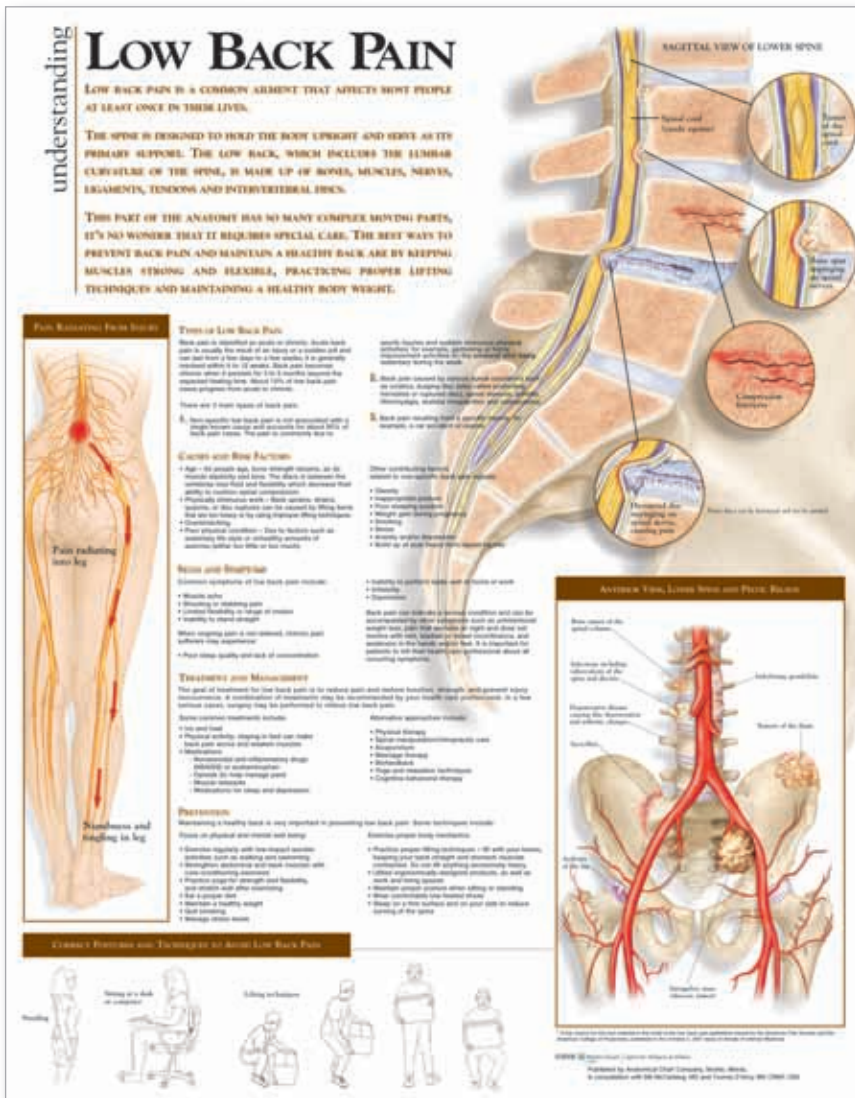
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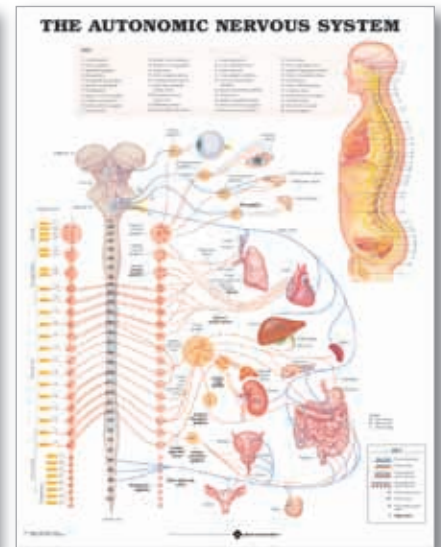
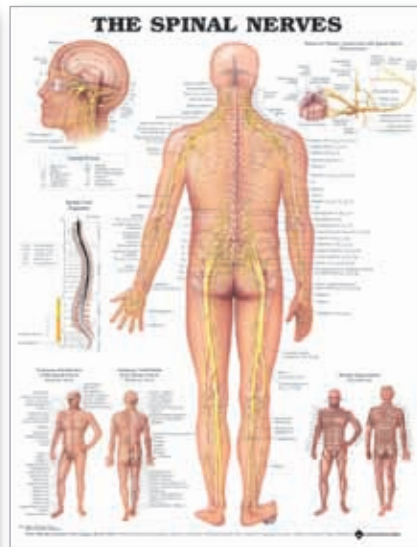
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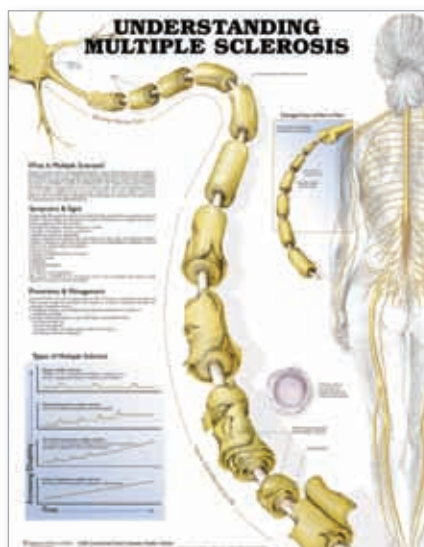
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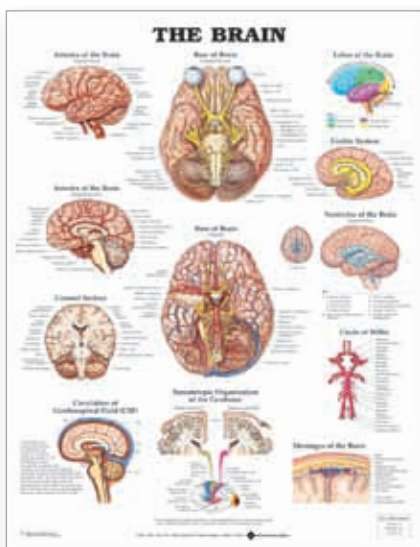
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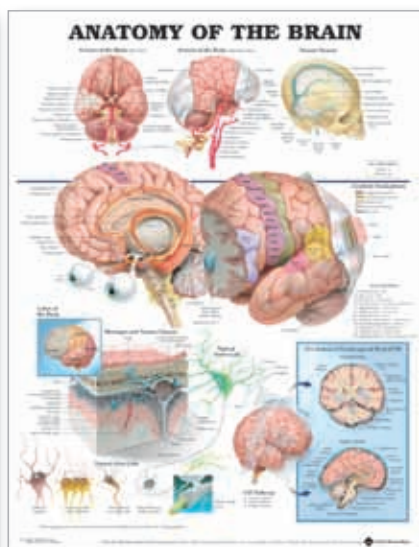
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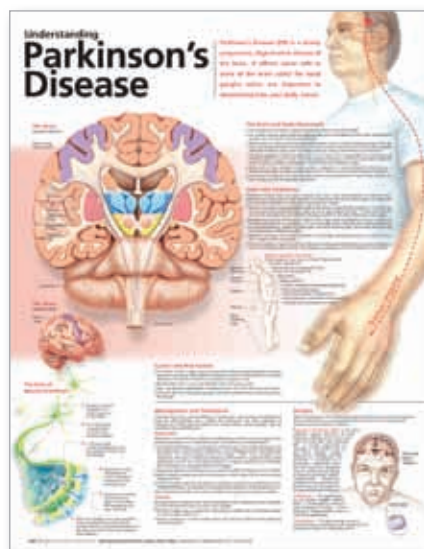
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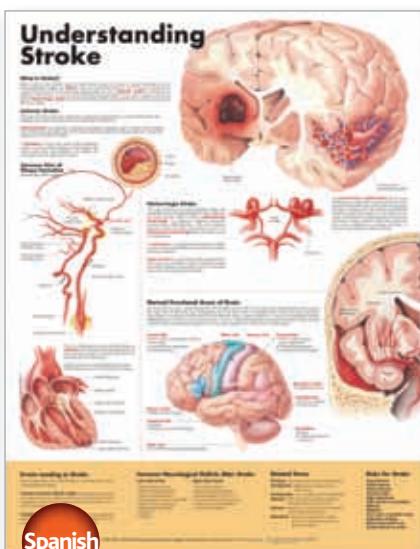
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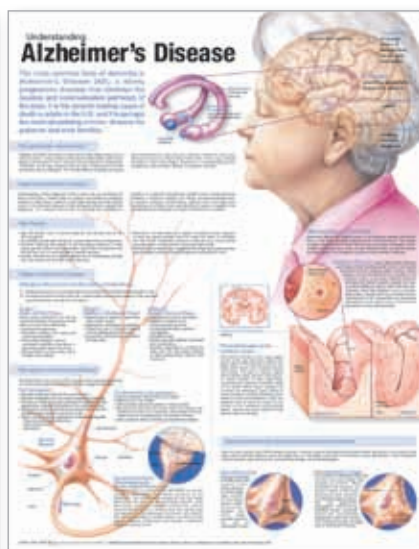
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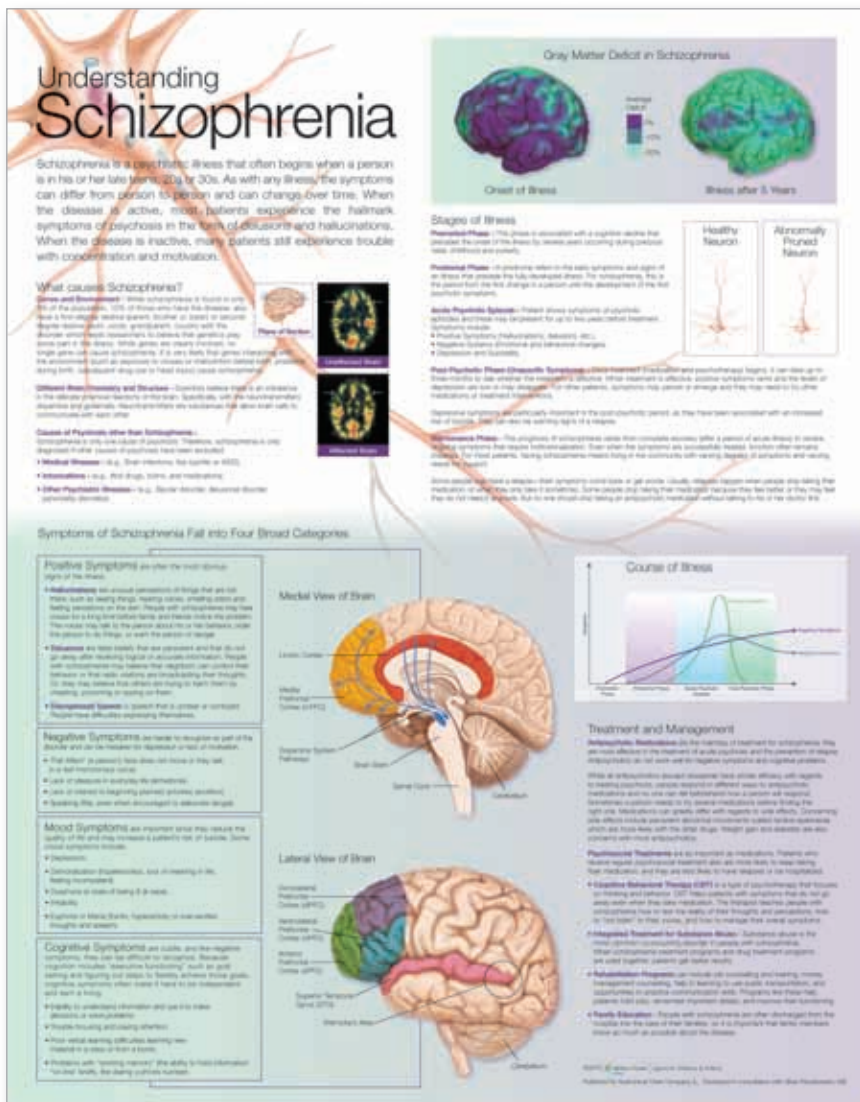
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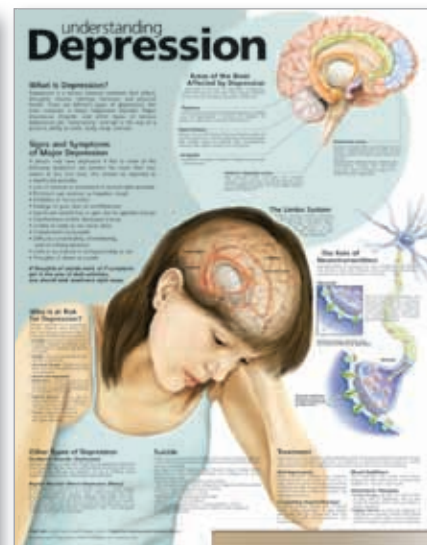
Neurology Chart Set 2 NEURO2

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

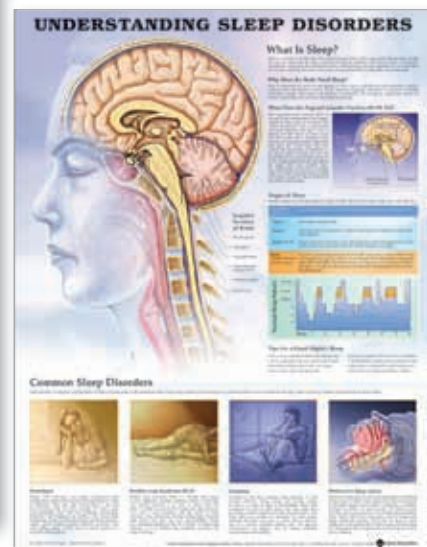




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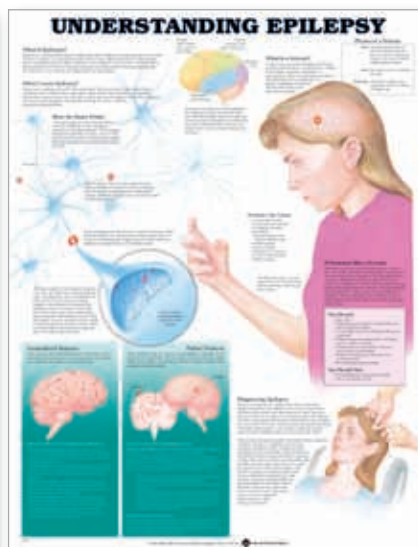
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Customers rate Anatomical Chart Company products

★★★★★
"Helps in communication process"

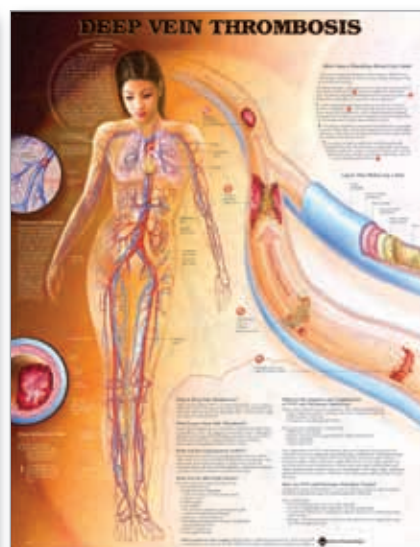
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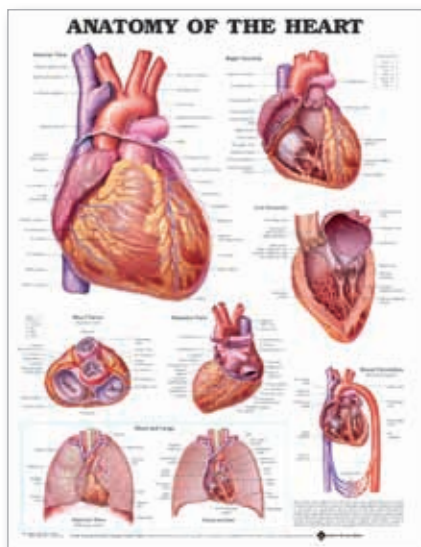
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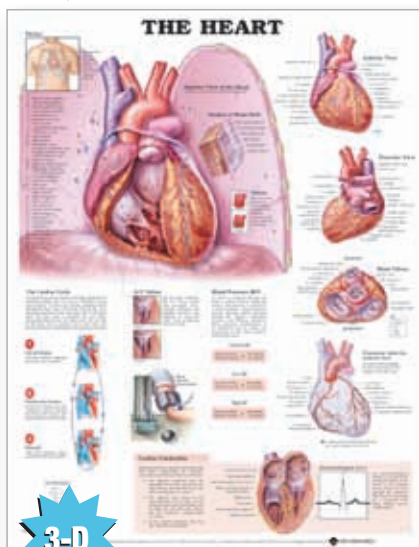
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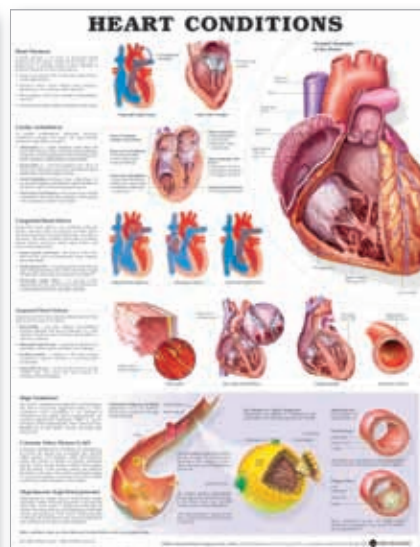
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Be sure to see ...

- 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)

Understanding High Blood Pressure

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, weakened and narrowed by high blood pressure may block off (aneurysm) and burst causing blood to seep into the brain tissue (hemorrhage). Or blood clots may form in the arteries leading to the brain, blocking blood flow.
Temporary Ischemic Attack – TIA 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 **arteriosclerosis**. 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 causing problems such as chest pain (angina), heart attack, heart failure, kidney failure, stroke, blocked arteries in your legs or arms (peripheral arterial disease), eye damage, and aneurysms.

ANEURYSM
Over time, the constant pressure of blood moving through a weakened artery can cause a section of it to wall weaken 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 rhythm (arrhythmia).
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 or stiffen limiting 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 efficiently, 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 adjusting your lifestyle. Decrease your blood pressure by:
• Reduce body weight if overweight
• Exercise regularly
• Eat a healthy diet
• Increase fiber in your diet
• Do not smoke
• Avoid excessive alcohol intake
• Manage stress
• Follow your physician's instructions and take any medications as prescribed

What is High Blood Pressure?
When the heart beats, it pumps blood out to all parts of the body then the arteries exert force or pressure against the walls of the arteries. Like all of us, blood fills arteries to a 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 increases 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 noted 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 force creates pressure on 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		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/> * Your doctor should evaluate annually for 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
• Poor 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 neurologic disorders

High Blood Pressure in Children
Teen, children and even babies can have high blood pressure. Although high blood pressure is more common among adults, the rate among kids has 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.

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Heart Disease

Normal Heart's Anatomy
Progression of Heart Disease in Atherosclerosis
Heart Disease in Hypertension
Heart Failure
Myocardial Infarction
The Aging Heart

Spanish

CARDIOVASCULAR DISEASE

Normal Heart's Anatomy
Progression of Heart Disease in Atherosclerosis
Heart Disease in Hypertension
Heart Failure
Myocardial Infarction
The Aging Heart

UNDERSTANDING HYPERTENSION

Spanish

Understanding High Cholesterol

UPDATED

UNDERSTANDING CHOLESTEROL



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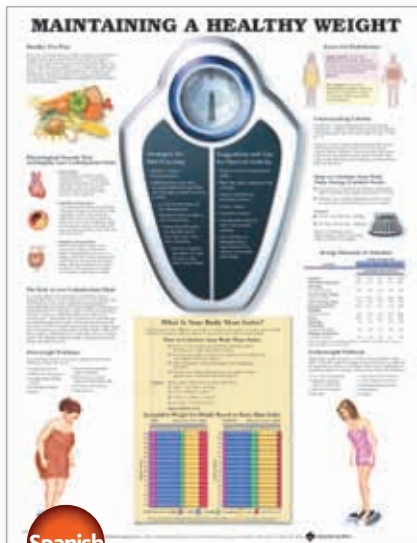
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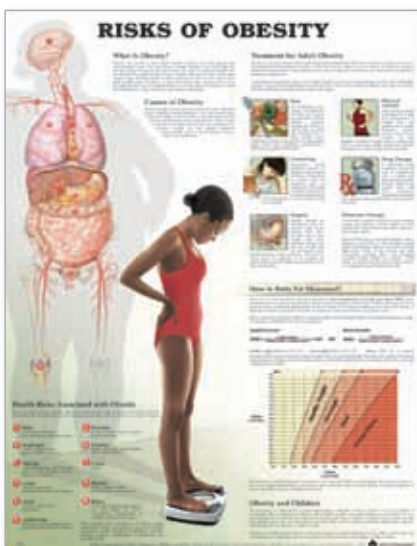
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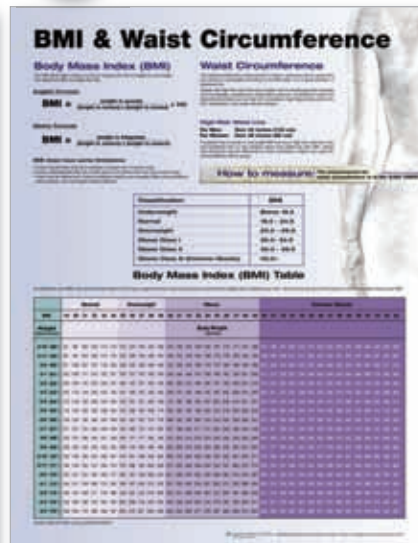


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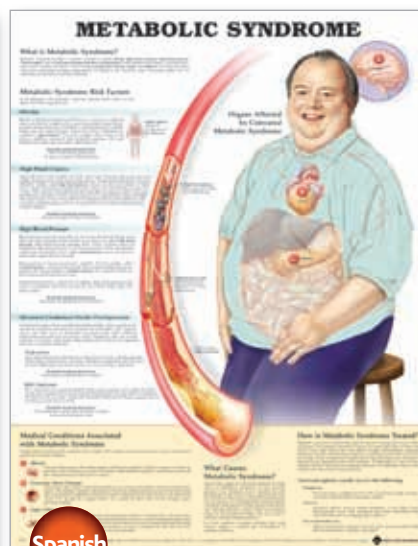


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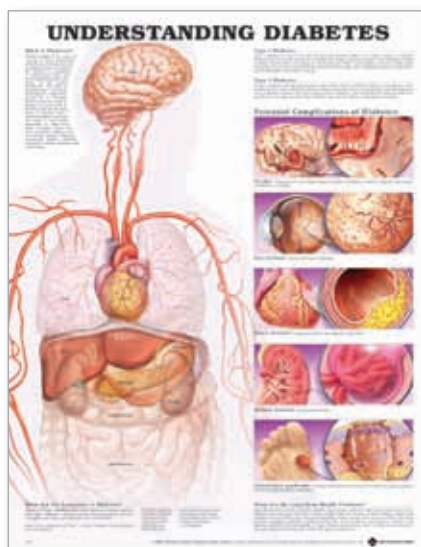


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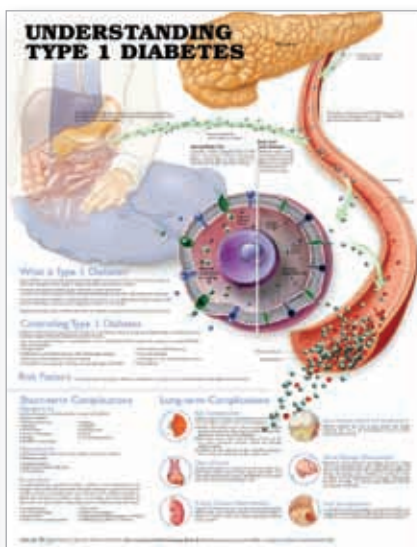


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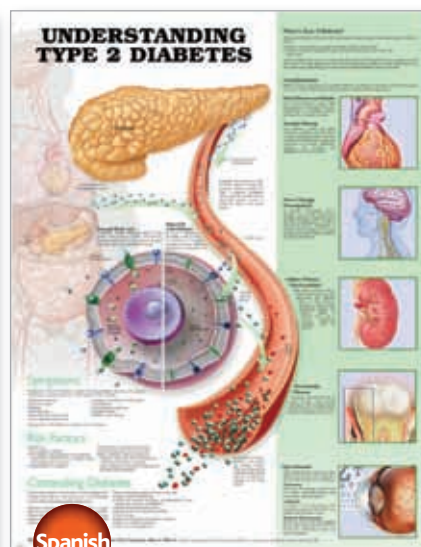
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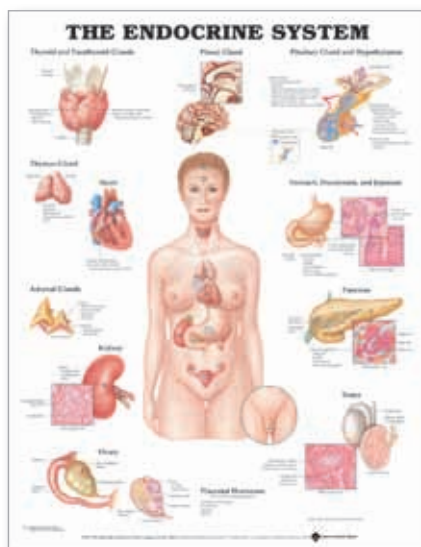
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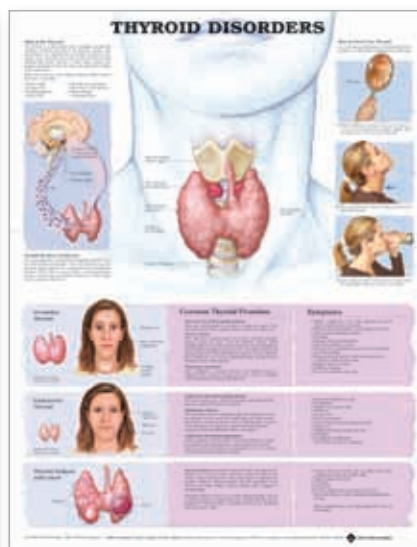
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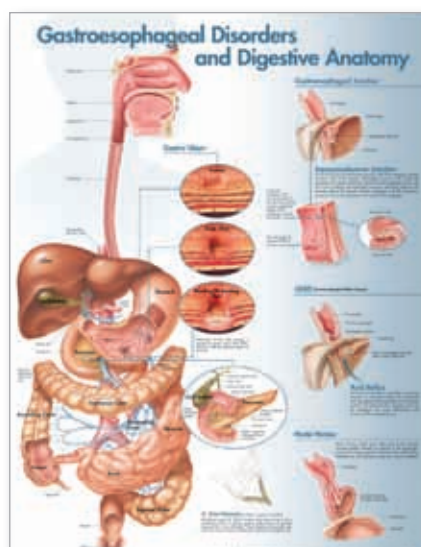
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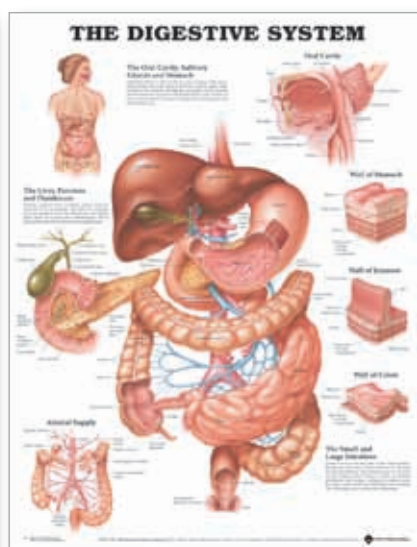
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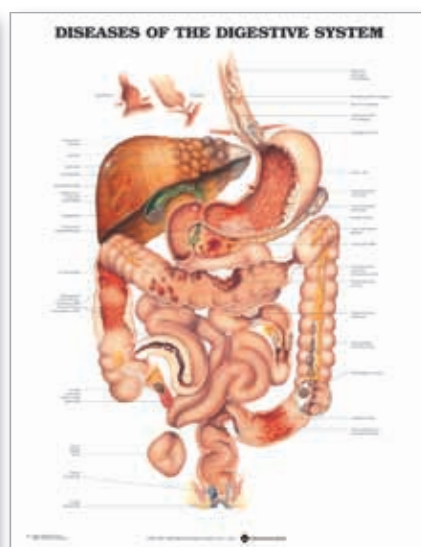
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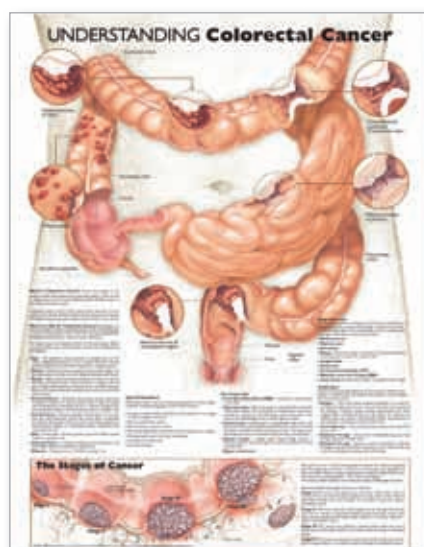
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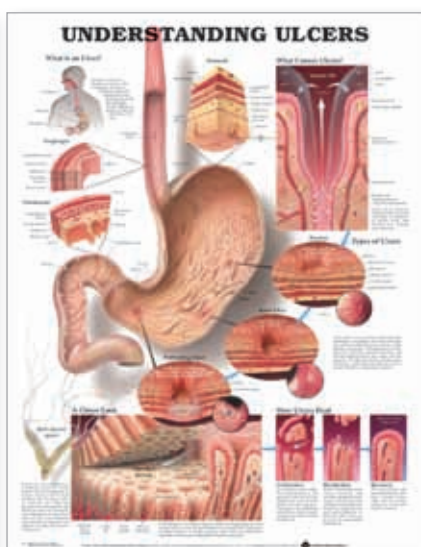
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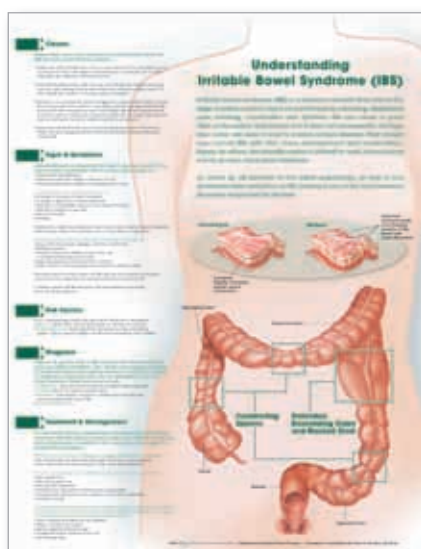
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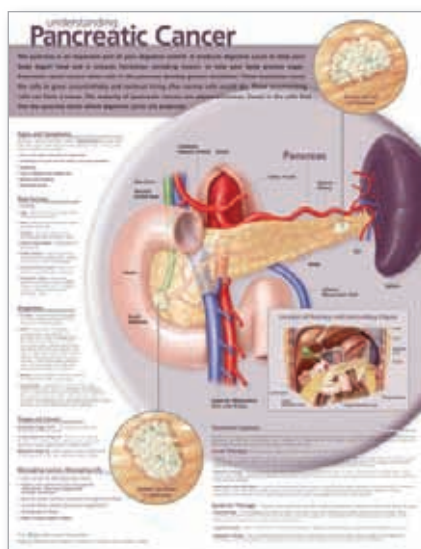
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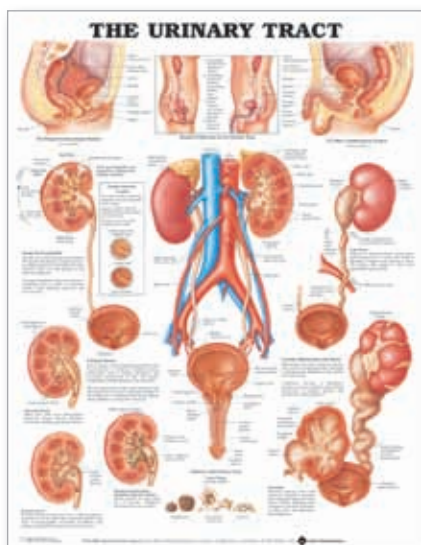
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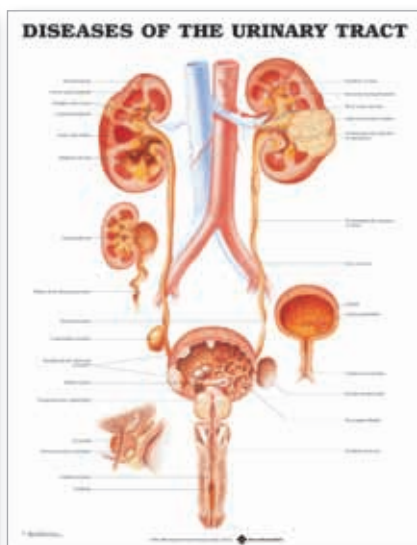
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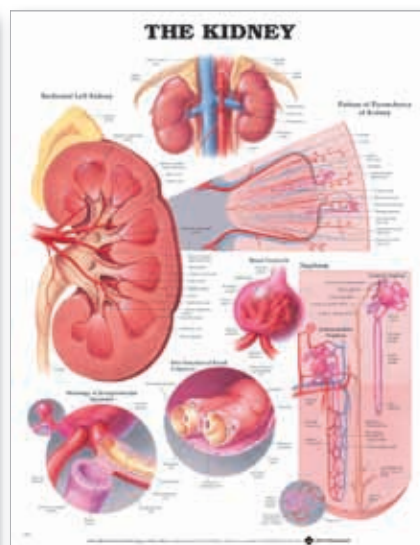
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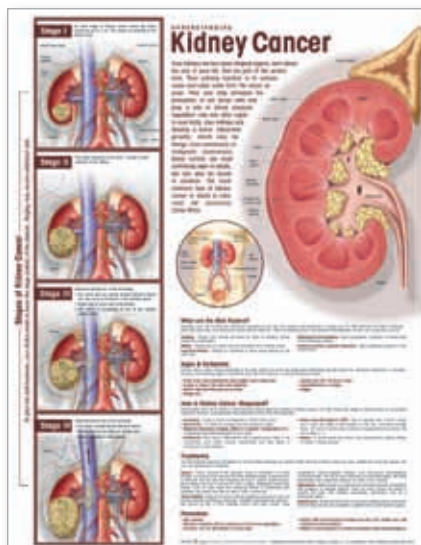
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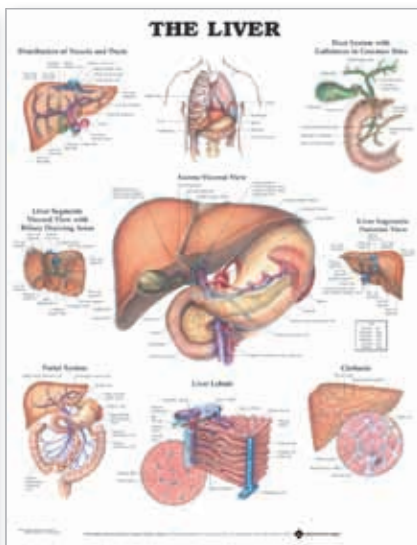
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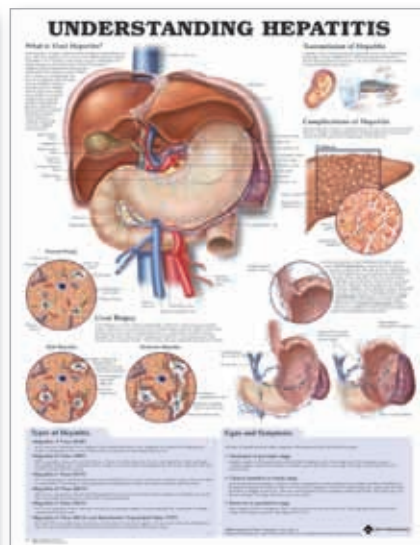
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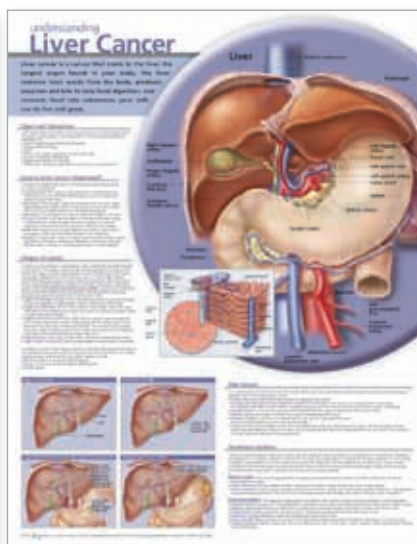
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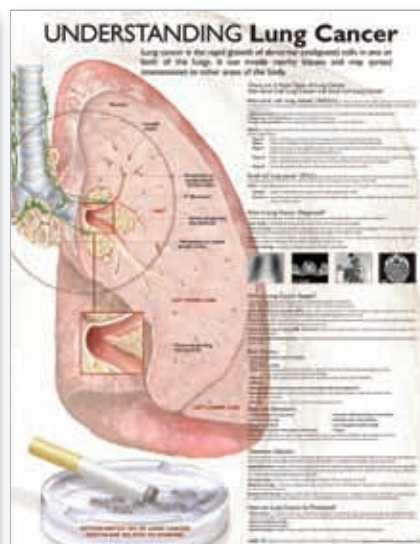
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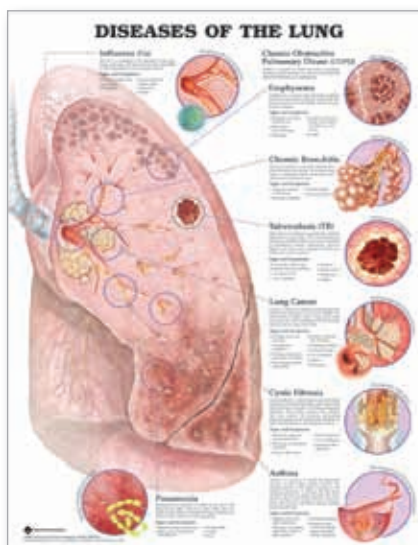
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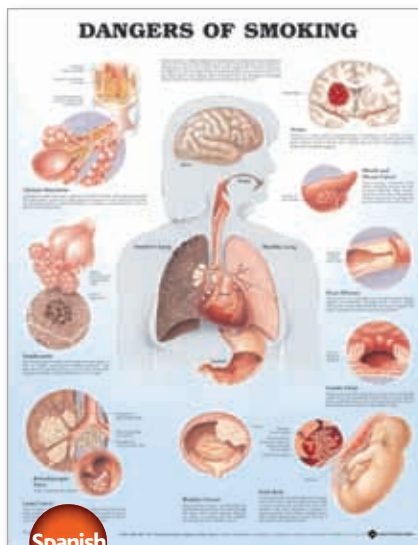
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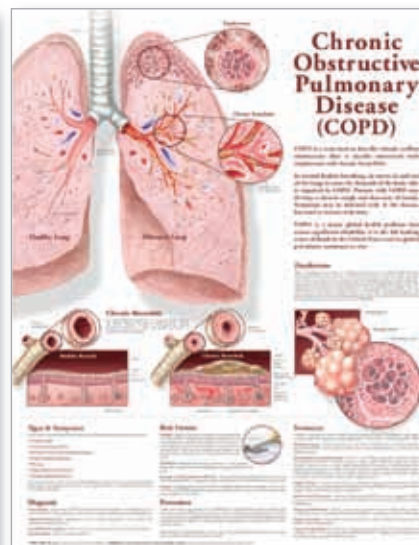
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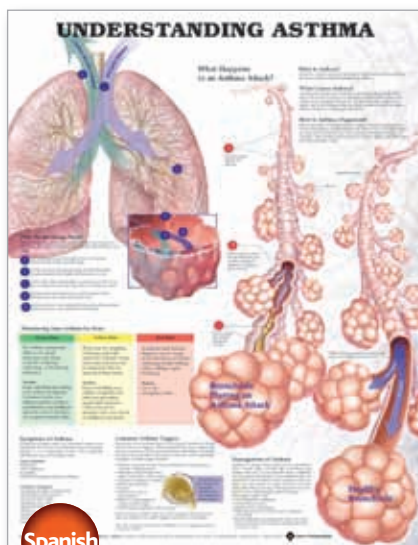
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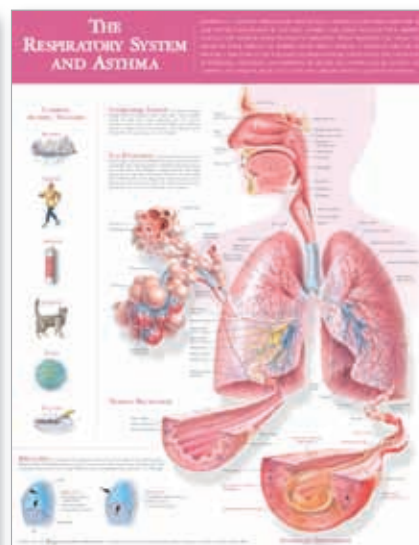
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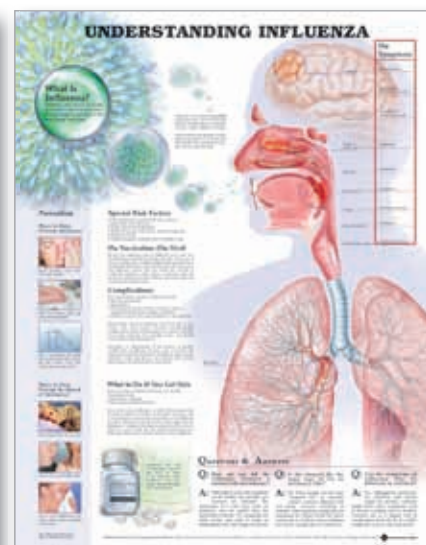
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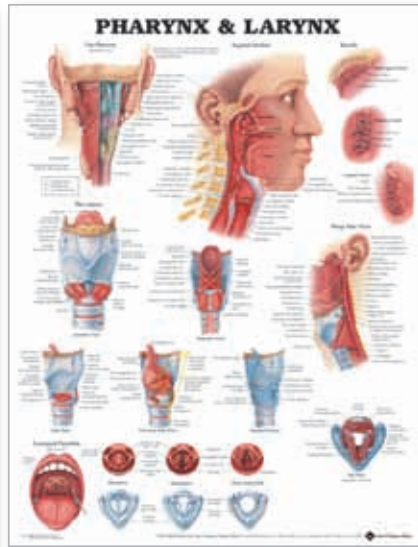
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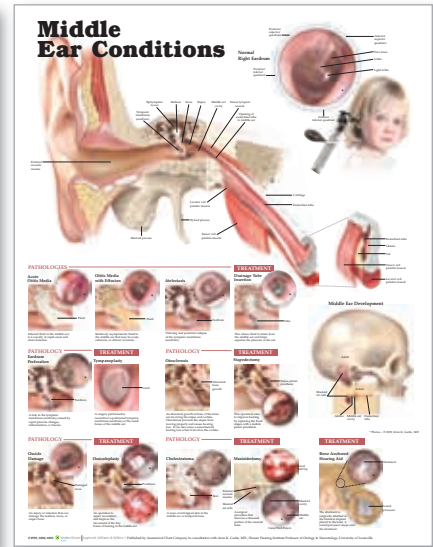
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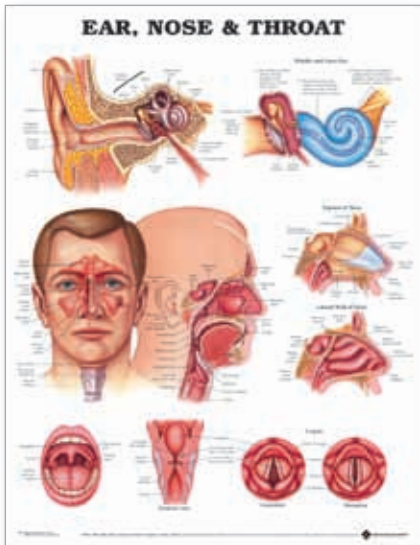
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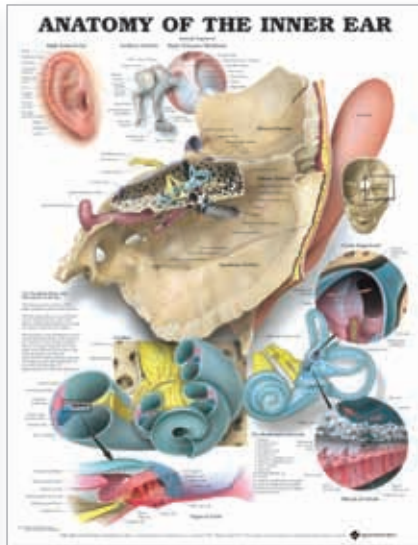
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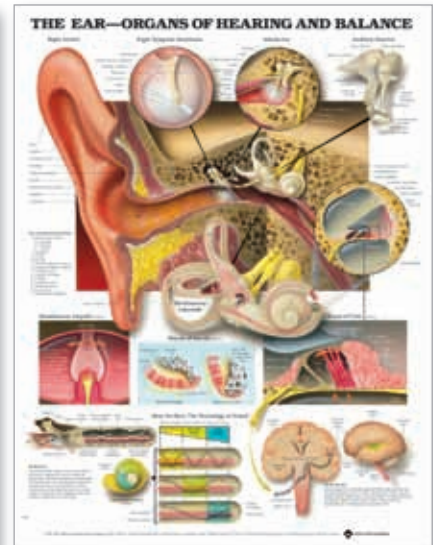
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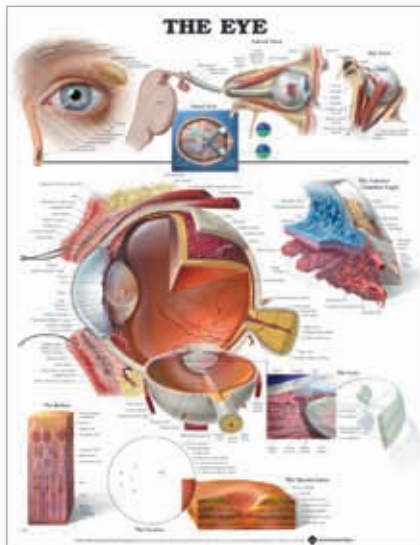
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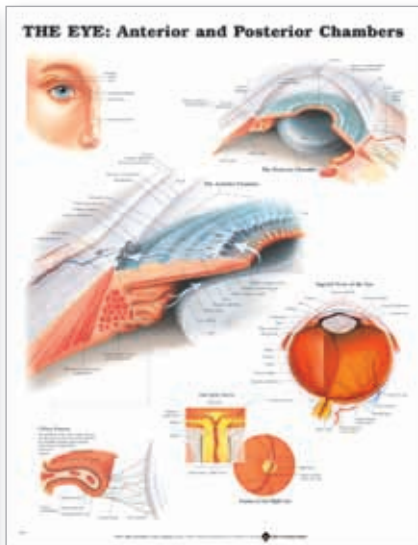
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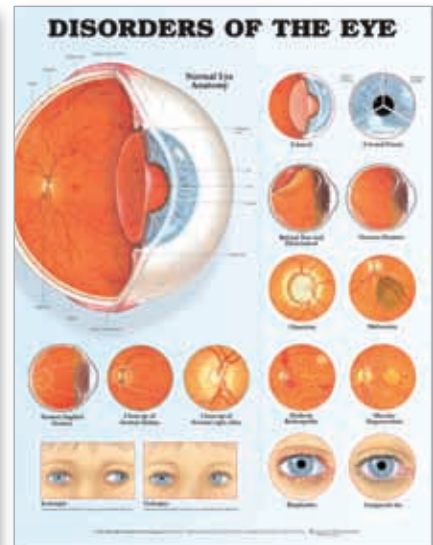
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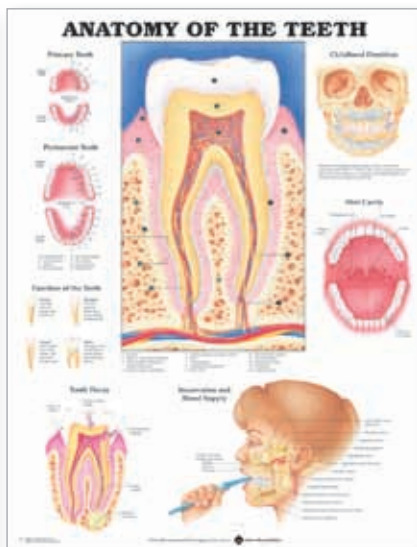
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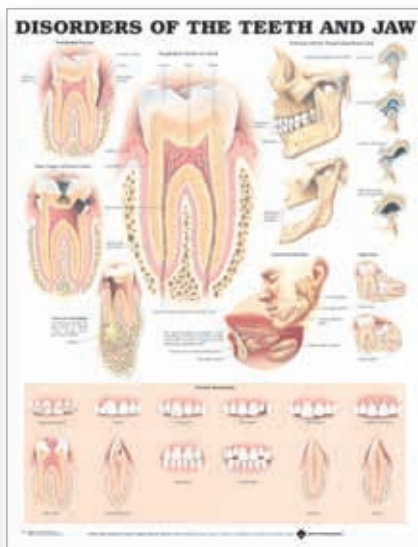
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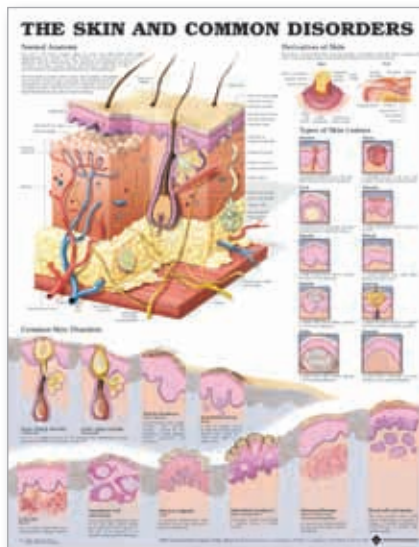
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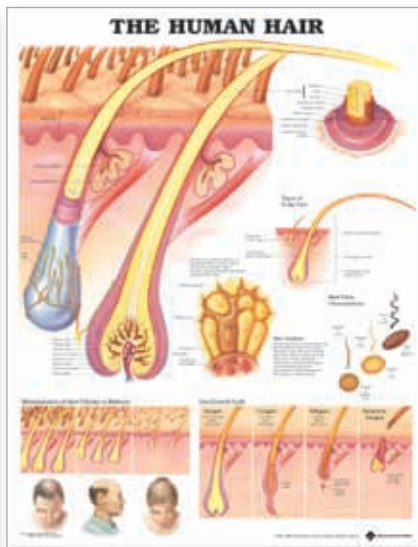
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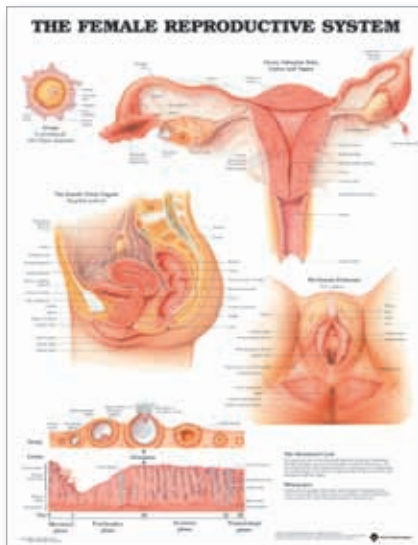
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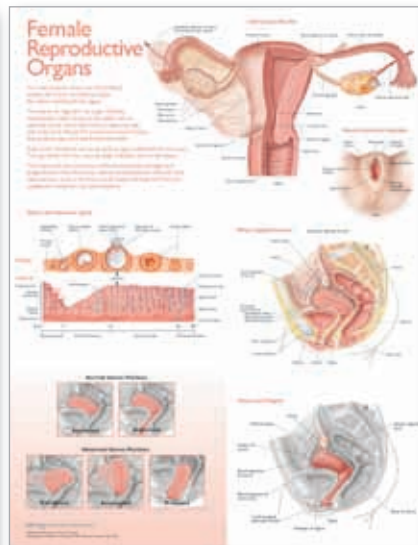
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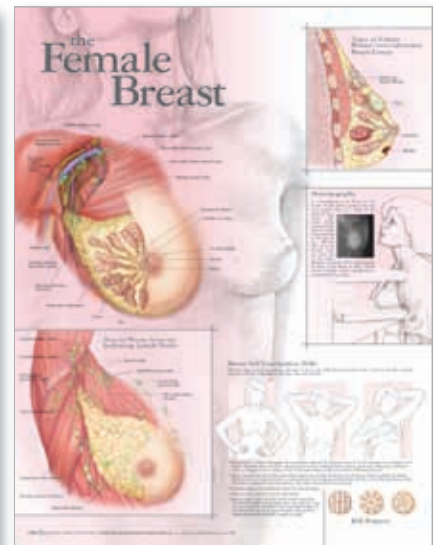
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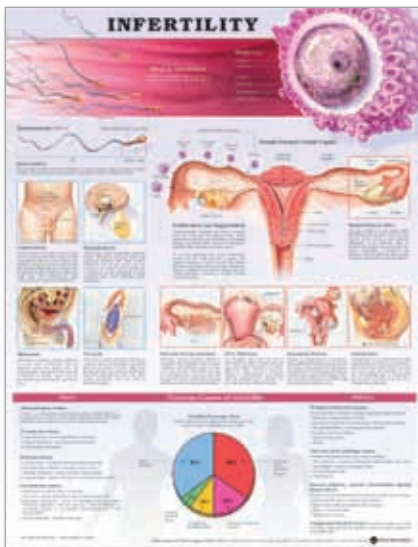
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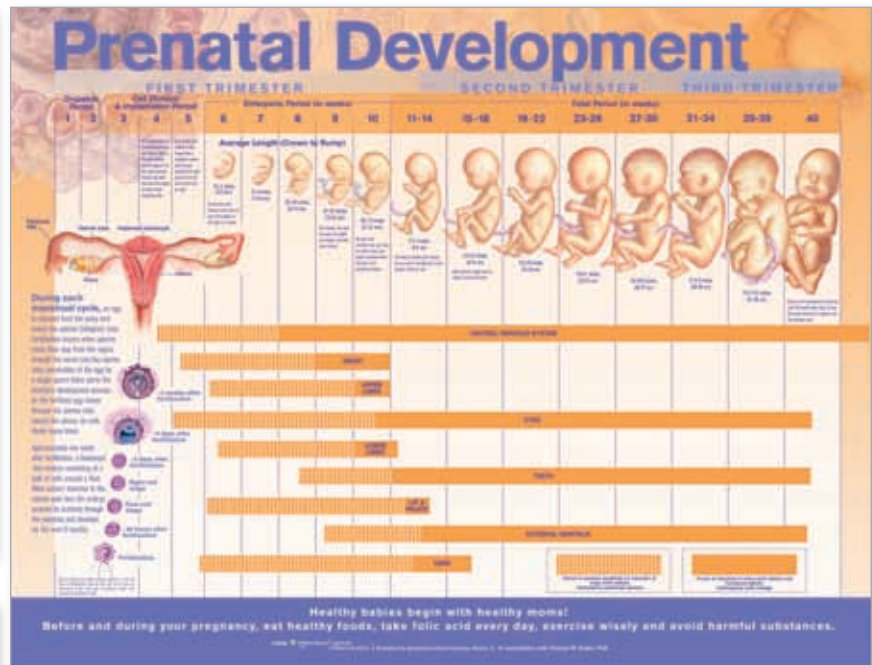
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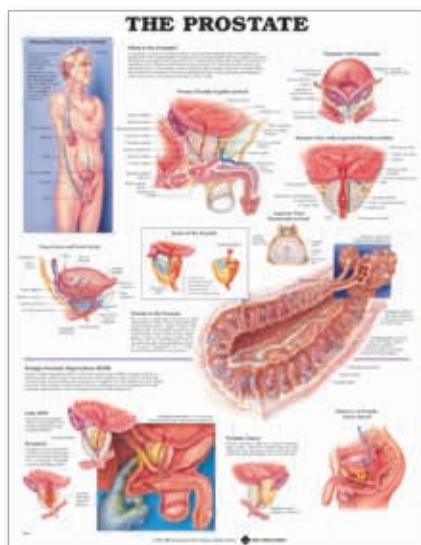
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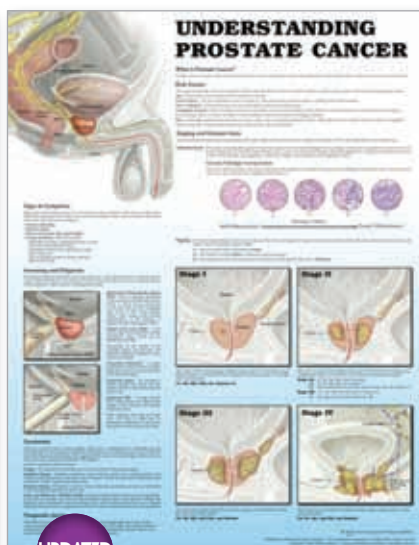
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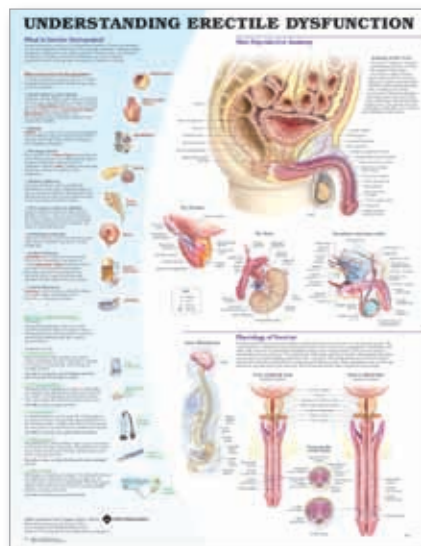


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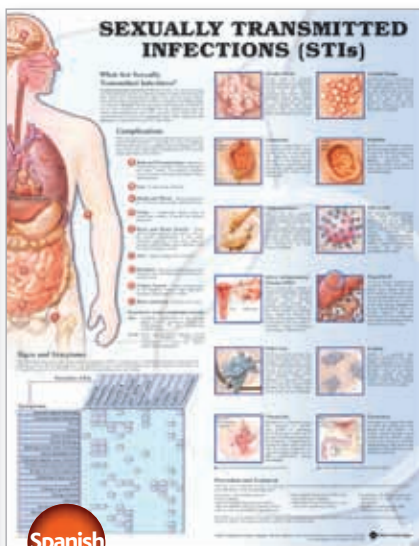
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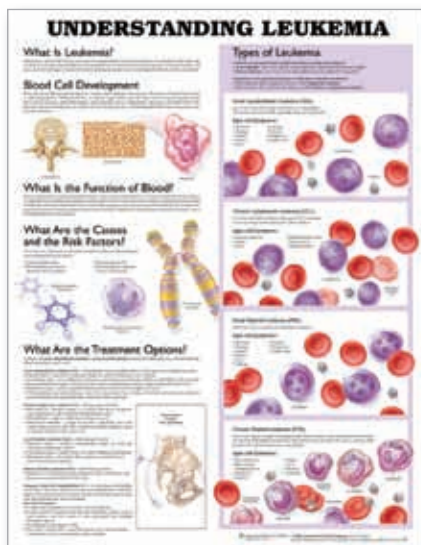
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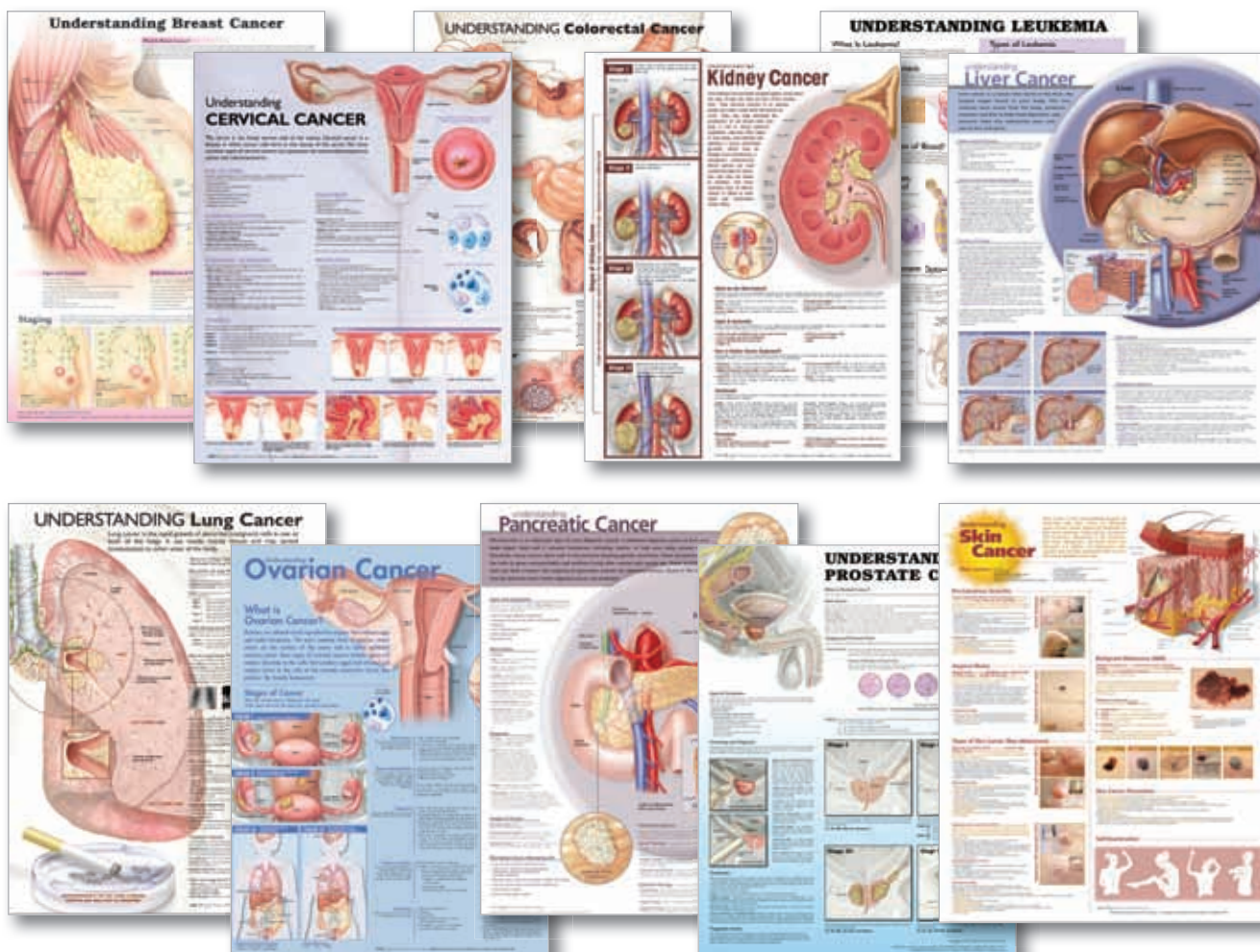
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- Includes 3 charts: Anatomy & Injuries of the Hand & Wrist, Anatomy & Injuries of the Foot & Ankle, and Understanding Carpel Tunnel Syndrome



Port-A-Pack Chart Set



Port-A-Pack: Systems Set 1

978-0-7817-7358-4

This pack of five portable charts serves as a reference tool and study companion, ideal for on-the-go practitioners and students. Each double-sided chart includes labeled illustrations and key facts pertaining to the specific system. The laminated surface of the charts allows the user to write-on/wipe-off with a dry erase marker (not included).

These 8-1/2" x 11" (21.6cm x 27.9cm) charts can be three-hole punched for binder storage, without losing any of the content. The systems in this set include: Muscular, Skeletal, Nervous, Circulatory, and Digestive.

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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 152.4cm) 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).



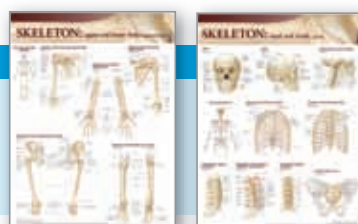
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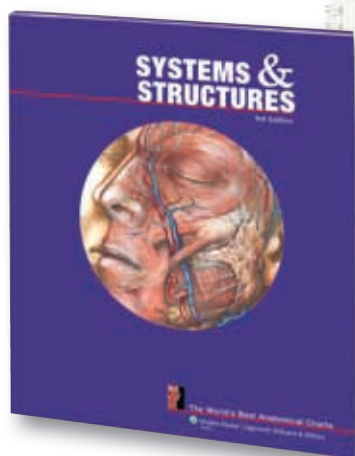
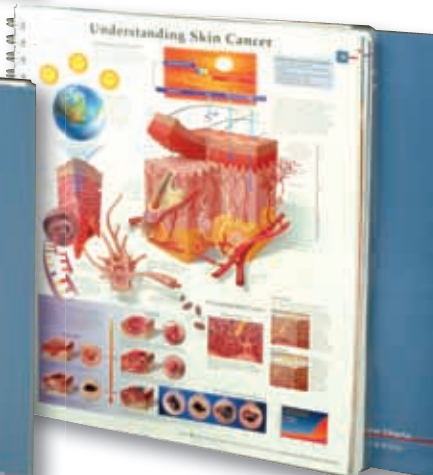
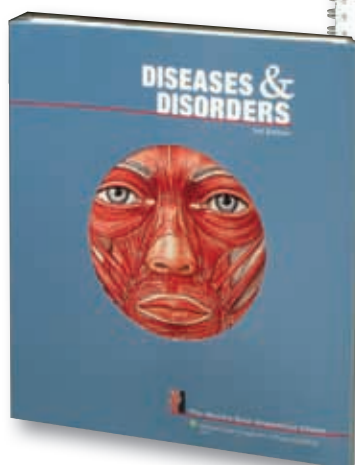
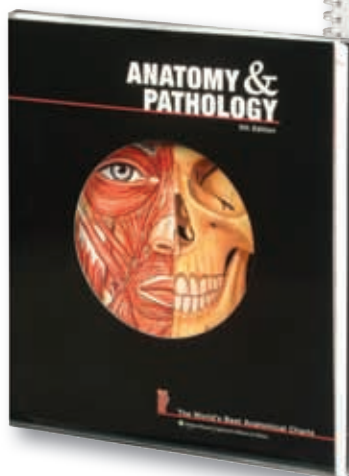
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Anatomy & Pathology, Systems & Structures, and Diseases & Disorders are essential additions to every library, whether you are a health care professional, a student, or an interested consumer. The chart format provides a clear and visual understanding 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 30.5cm).

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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
- **58 full-color charts** created by elite medical illustrators
- **9 NEW charts** with the latest facts on cardiovascular disease, diabetes, asthma, and other "in-the-news" disorders
- **up-to-the-minute facts** on weight management, sleep disorders, allergies, cancer, pregnancy, and more
- **clear, concise supporting points** printed directly on each chart — no loose papers to misplace.

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Systems of the Body – 13 charts
Structures of the Body – 17 charts
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Healthy Lifestyles – 6 charts

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Cancer – 7 charts
Cardiovascular and Venous Diseases & Disorders – 6 charts
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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

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Structures of the Body – 30 charts

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

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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 30.5cm).

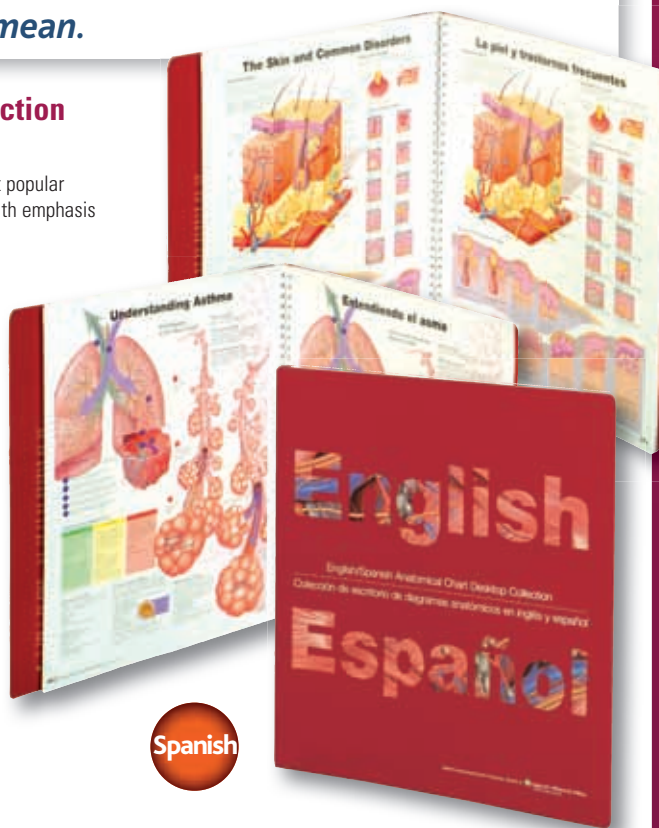
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Systems / Sistemas — 20 charts, including The Muscular System

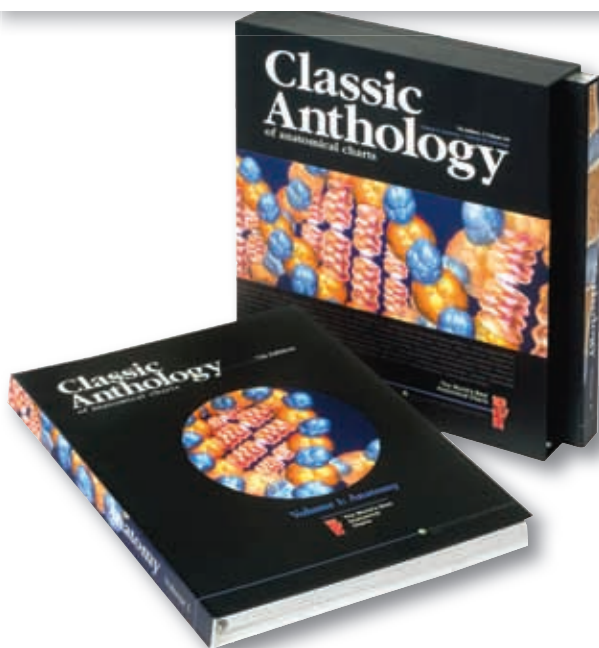
Organs and Structures / Órganos y estructuras — 14 charts, including The Brain, The Heart, and Pregnancy and Birth

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, 7th Edition, 2-Volume Set

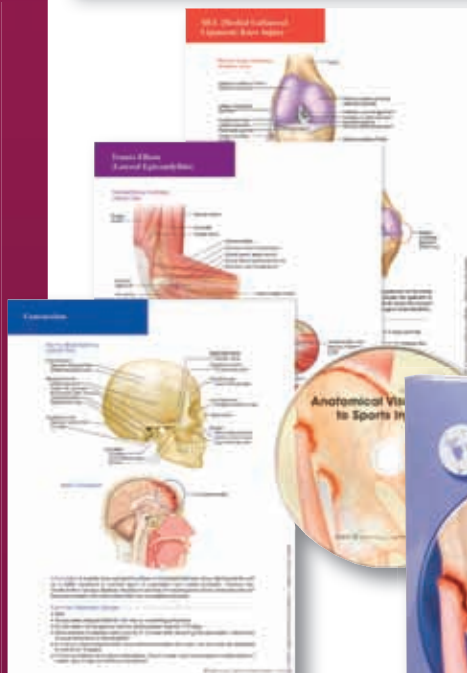
978-0-7817-8665-2

The 7th edition of the **Classic Anthology of Anatomical Charts** features 101 new and updated anatomical charts. A two-volume set housed in its own sturdy box, this beautiful compilation provides a clearer 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 plus 14 new charts have been added and 20 charts have been updated. Ideal for studying human anatomy, patient consultation, or quick reference, this truly is one of the most comprehensive and attractive compilation of charts on the market. Size: 10" x 12" (25.4cm x 30.5cm).

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- Two volumes: Anatomy (40 charts) and Pathology (61 charts)
- Each volume has a hard cover with side-spiral binding
- Attractive and durable storage box
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Clearly explain anatomy and sports injuries to your patients for better prevention and quicker return to play.



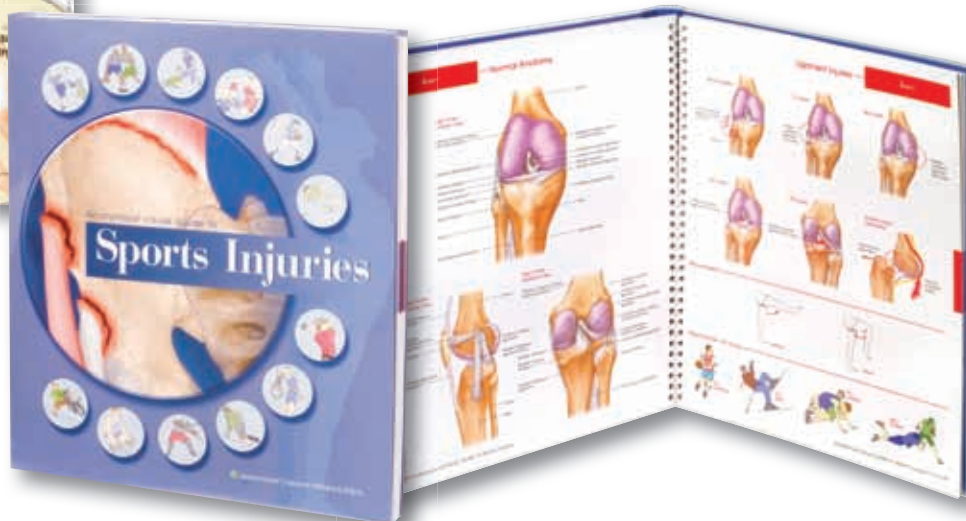
Anatomical Visual Guide to Sports Injuries

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

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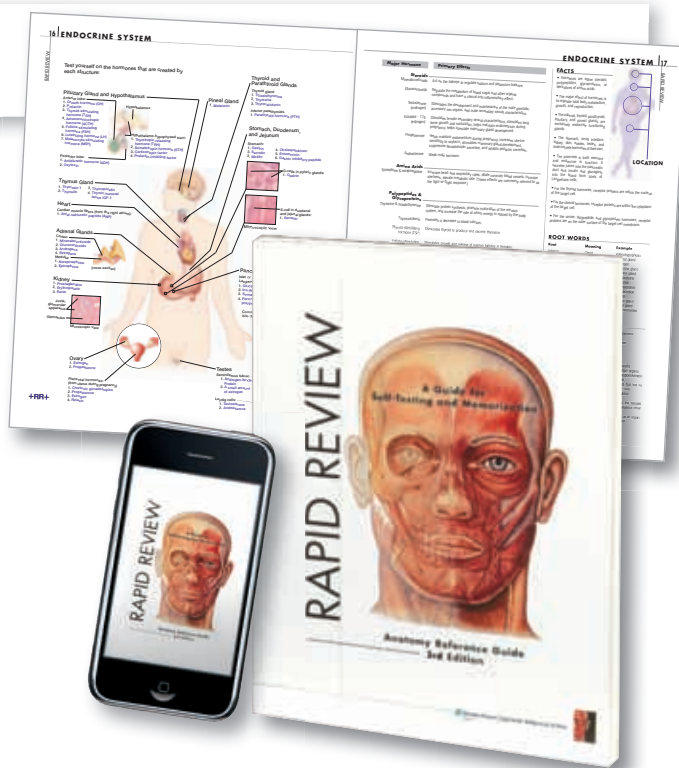
The 3rd edition of the **Rapid Review Anatomy Reference Guide** features 3 new sections — lymphatic system, immune system, and foot and ankle. This study aid continues to be a student favorite not only for its 31 sections of useful content, but because the labels of each system and organ are printed 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.

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- 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.
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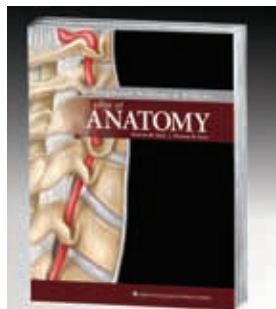
Port-A-Pack Chart Set

See page 27 for details.

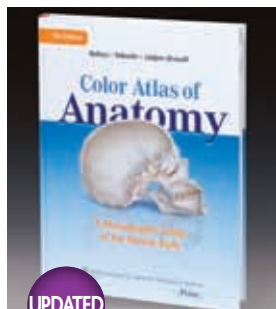




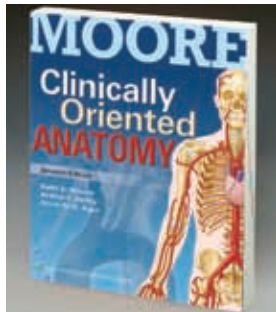
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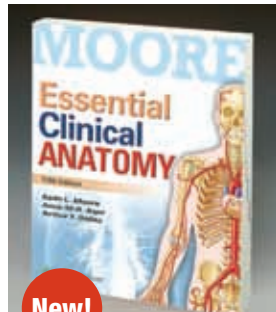
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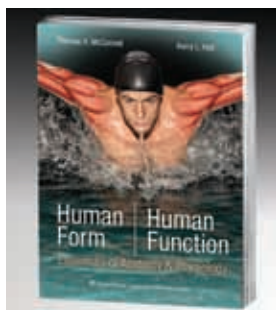
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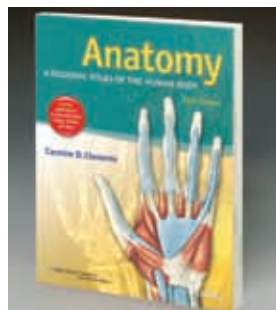
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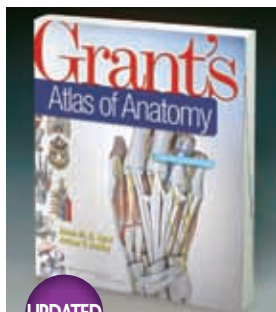
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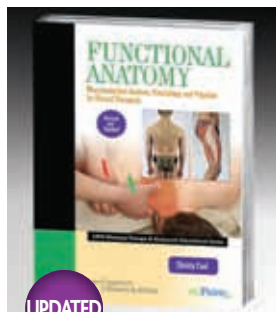
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- Features full-color photographs of actual cadaver dissections, with accompanying drawings and images for a more realistic depiction of anatomic structures. Includes a companion Website with image bank, interactive software, and full text.

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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:

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International Edition:

978-1-4511-1031-9

- This award-winning 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.

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

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- 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.

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K. Rothen's Photographic Anatomy Flash Cards

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L. Clinical Anatomy for Your Pocket

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- 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

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- 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, examination preparation, clinical anatomy review during clerkships, and for dental and allied health students.

N. Clemente's Anatomy Flash Cards

978-0-7817-6526-8

- This regionally organized, full-color atlas card set, based on *Clemente's Anatomy: A Regional Atlas of the Human Body*, 5th Edition, features 330 cards to help students test their anatomical knowledge, prepare for examinations, and review anatomy during clerkships.

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

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- 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

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- 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

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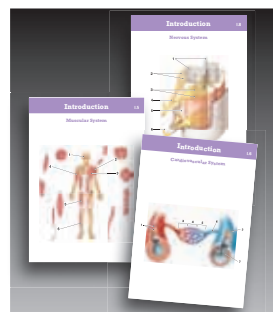
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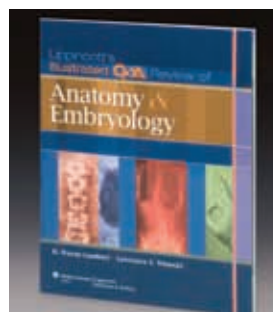
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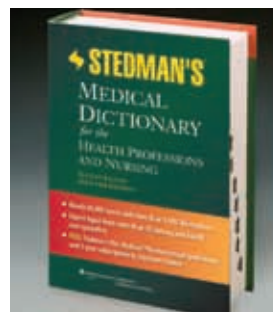
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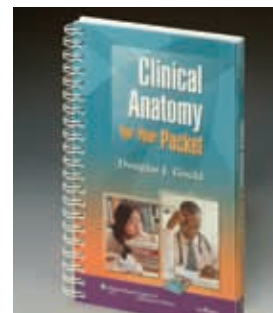
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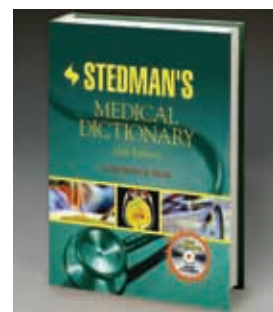
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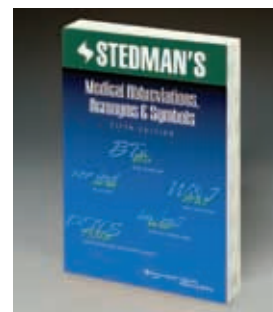
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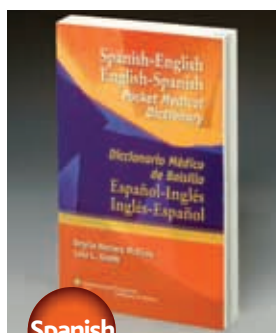
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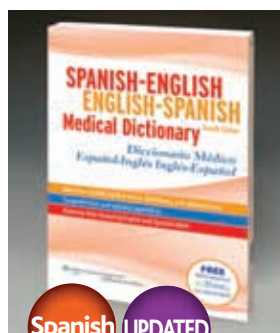
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- Drug monographs with patient teaching information
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- Customizable AAFP patient handouts
- Point-of-care CME credits
- And more.

See firsthand! Go to 5minuteconsult.com today to start your FREE access.



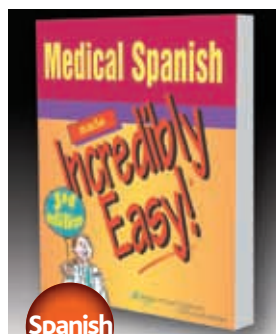
B.

Spanish



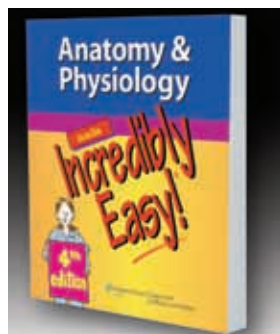
C.

Spanish UPDATED



D.

Spanish



E.

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. Nursing2015 Drug Handbook, 35th Edition

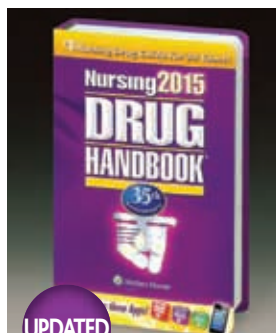
978-1-4698-3744-4

- The 35th edition of the best-selling, original drug handbook for nurses provides complete monographs for more than 900 generic and thousands of brand-name drugs. Monographs are consistently formatted for ease of use and focus on the practical information that nurses need. Text is complemented by free Toolkit containing hundreds of online resources.

G. Lippincott Nursing Drug Guide

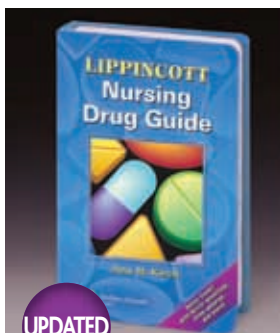
978-1-4698-3937-0

- With over 1,200 updates to existing drugs and complete monographs for 725 common drugs, this title provides quick A-to-Z access to current, vital drug information. A 32-page full-color photo guide to pills and capsules and multiple appendices summarize key clinical information. Online toolkit offers 23 additional tools including a drug calculator to ensure drugs are administered safely.



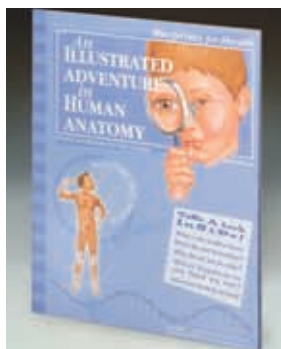
F.

UPDATED



G.

UPDATED



J. "Blueprint for Health" Series Chart Set 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

K. Elementary Teaching Models CHMS

- A set of 5 brightly colored models complements our *Illustrated Adventure in Human Anatomy* book and charts. The set includes: life-size 2-part heart, a 3-times life-size 4-part ear, 3-times life-size 8-part eyeball, head with 8-part brain, and a 16-1/2" (41.9cm) tall skeleton.
- All models measure approximately 5"- 6" (12.7cm - 15.2cm). Choking hazard: small parts. Not for children under 3 years.

K. 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).

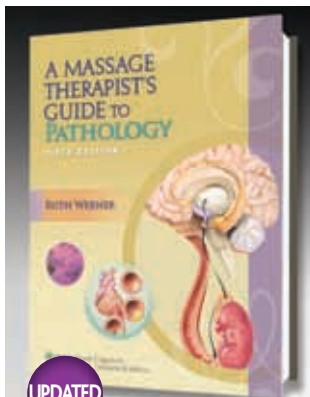
L. Petit Pete Skeleton CMS6P

- Pete's arms and legs are affixed with tiny screws to allow movement and are realistically jointed at the elbow and knee.
- Size: 8-1/2" (21.6cm) tall, 9-1/2" (24.1cm) tall on stand (included). Choking hazard: small parts. Not for children under 3 years.

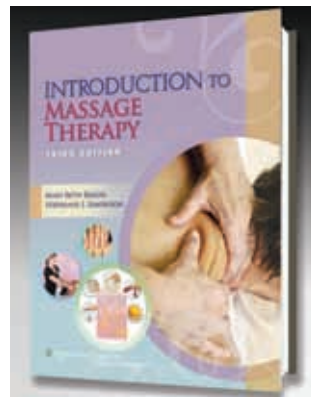
M. Dimensional Man Chart

978-0-671-70342-4

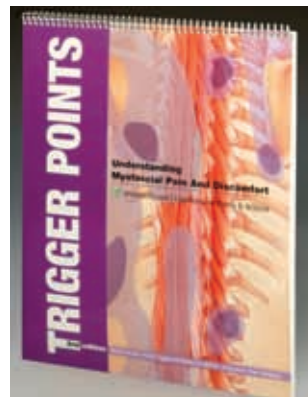
- This life-size anatomical chart transforms into a 3-dimensional model in minutes. Study various organs by unlatching or turning movable parts to reveal inner structures. Includes an index identifying over 300 bones, muscles, organs, arteries and veins.
- Size: 72" (182.9cm) tall.



A.



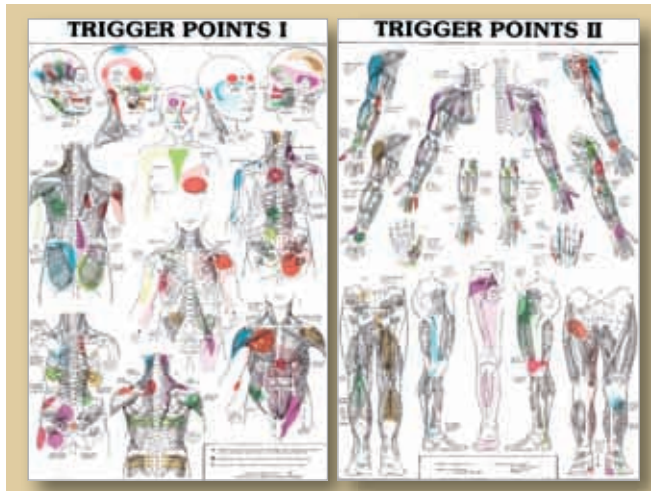
B.



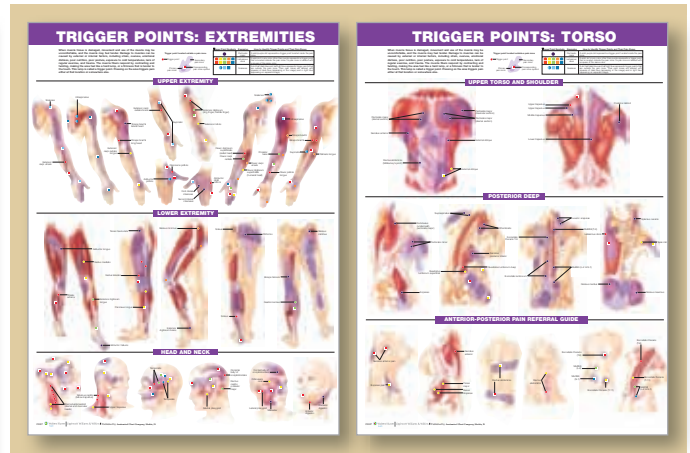
C.



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)

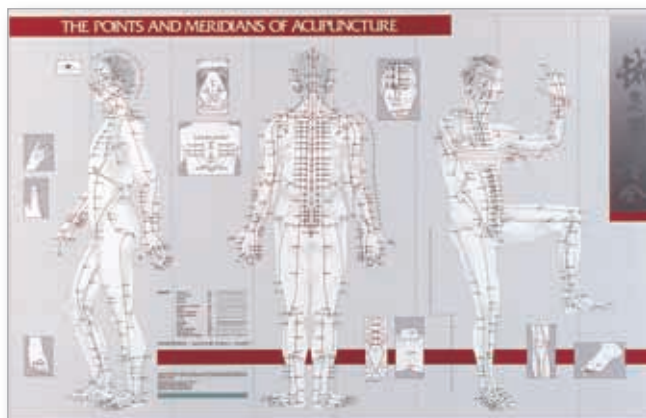
978-0-7817-7307-2 (laminated)

- 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

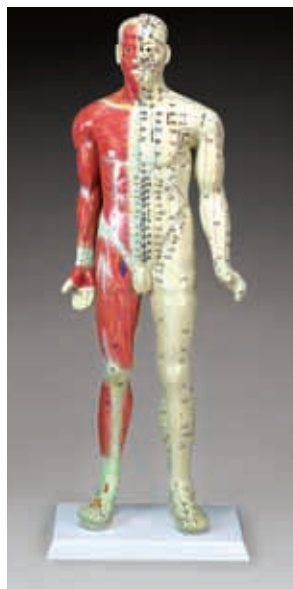
- Based on Dr. James Tin Yau So's *Book of Acupuncture Points*, this chart combines 3 separate views and many smaller illustrations on one 23" x 36" (58.4cm x 91.4cm) chart. Concentrating on channel point positions, it also includes the major extra points with contraindication.
- Laminated for durability.



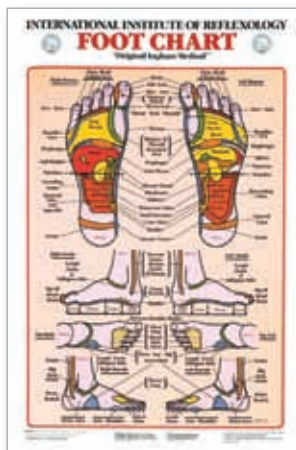
G.



H.



I.



J.



K.



L.

H. Acupoints of Traditional Chinese Medicine

RW2L

- 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" (86.4cm) tall

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

HWVC30L

- 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)

Customers rate Anatomical Chart Company products



"Wonderful teaching tool"

Valerie, Dallas, TX



A.



B.



C.

A. How Does Your Fat Stack Up? Display Case
L DFA105

B. How Does Your Sugar Stack Up? Display Case
L DSU105

C. How Does Your Salt Stack Up? Display Case
L DSA1055

Set of all 3
L DC05

- 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. of fat and muscle are shocking and motivating attention-getters. (Not anatomically correct.)

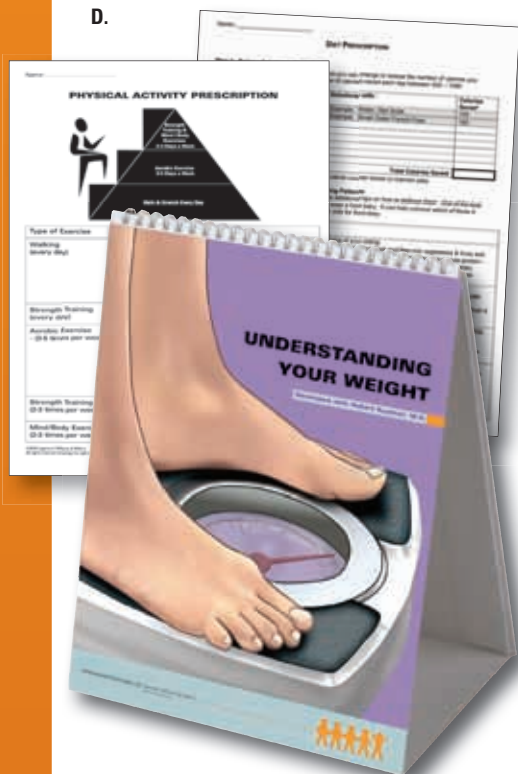


D.

E. Understanding Your Weight Flipchart Book with Pads

978-1-58779-926-6 Flipchart Book
978-1-58779-923-5 Physical Activity Pads (2)

- 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.



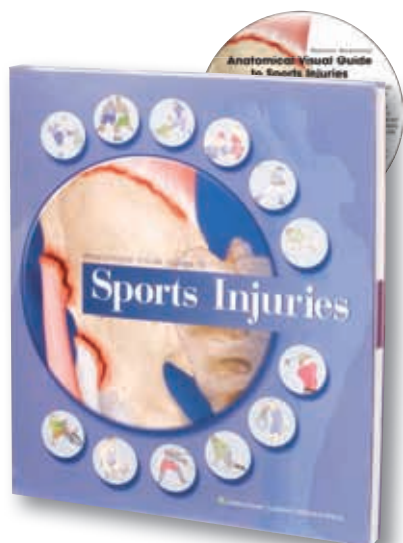
E.



F.

F. Nutrition and Healthy Weight Chart Set
NWC

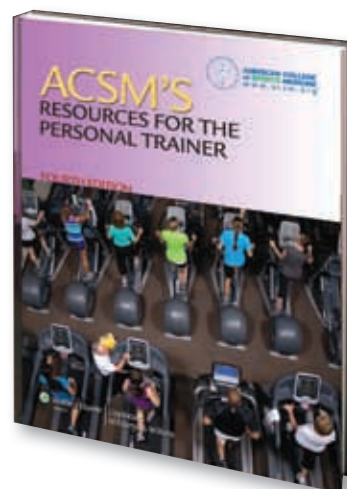
- Includes 2 discounted 20"x 26" (50.8cm x 66cm) laminated charts: Maintaining a Healthy Weight and Keys to Healthy Eating, 3rd Edition.



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

978-1-4511-0859-09

- 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

AS30

- 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" (53.3 x 33cm x 15.2cm)



K.

Be sure to see ...

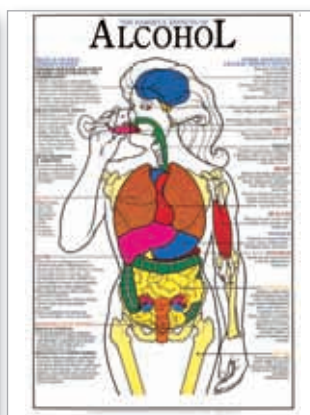
- Anatomical Chart Collections (pages 27-30)
- Anatomical Models (pages 42-57)
- Gifts (page 75)
- Reference Materials & Study Aids (pages 31-34)
- Skeletal Models (pages 58-74)



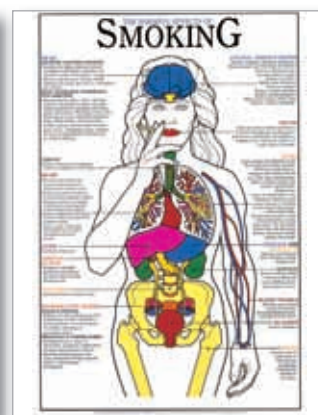
A.



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 harmfully 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

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.



J.



K.

J. Venipuncture Training Arm Model

G26220

- This lifelike arm model may be injected with a syringe or IV drip at the antecubital fossa, forearm, and back of the hand. Will withstand many sticks and can be easily restored to its original feel with powder. The model may be washed with soap and water. Comes with durable carrying case that measures 21-1/2" x 1-1/2" x 4" (51.6cm x 3.8cm x 10.1cm).

K. 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" (15.2cm x 12.1cm x 4.4cm).

L. Complete IV Training Arm Kit

TK1000

1811 (replacement skin and vein kit)

- Full-size adult right arm designed for venipuncture and injection training. Venous access at the antecubital area and the dorsum of the hand, deltoid injection pad for subcutaneous and intramuscular injections. Includes replacement skin and vein kit, blood and blood bag, tubing, connector, clamp and hook, 5 syringes and carrying case.
- Size: 33" x 10" x 6" (83.8cm x 25.4 x 15.2cm), 12 lbs (5.4kg).

M. Male Model with Bladder

A26104

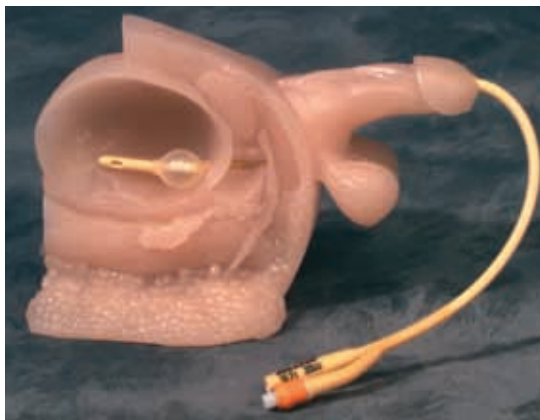
N. Female Model with Bladder

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), Male 9" x 4" x 6" (22.9cm x 10.1cm x 15.2cm)



L.



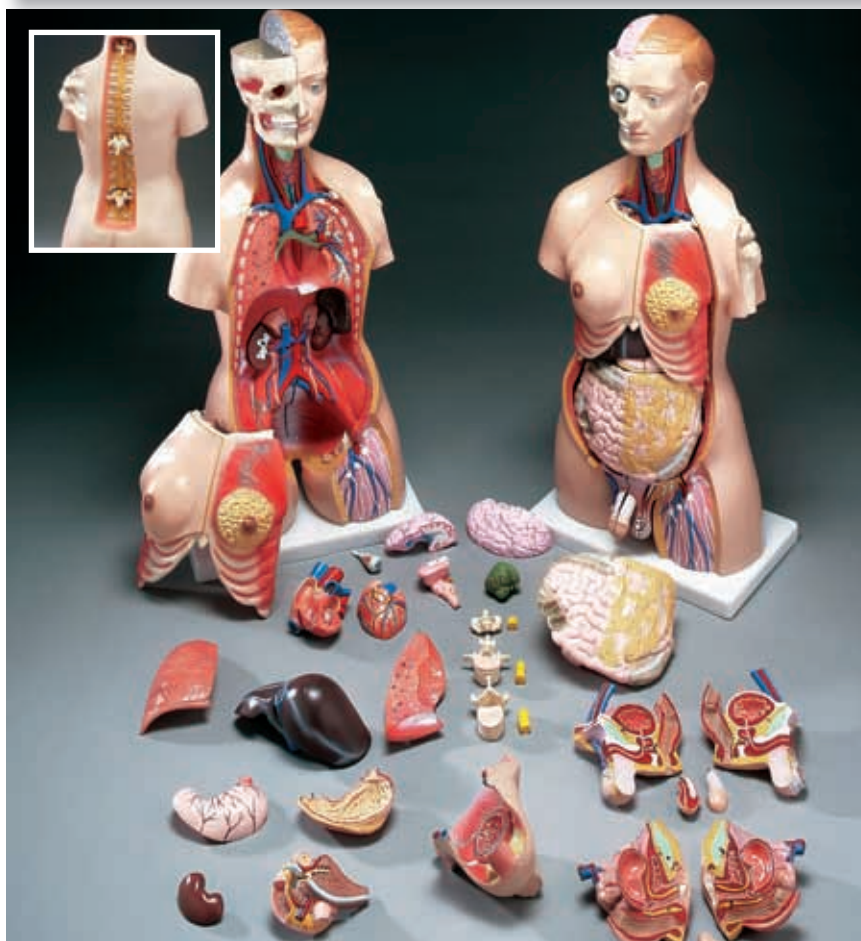
M.



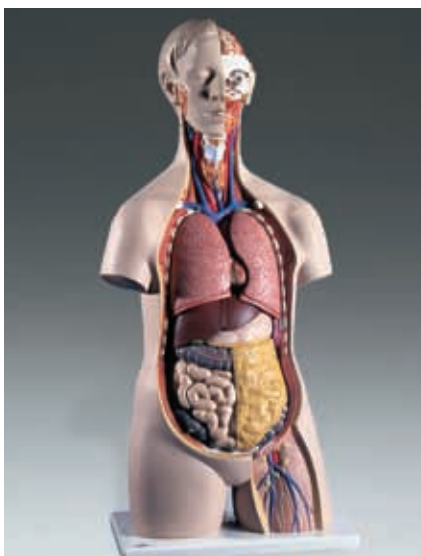
N.

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

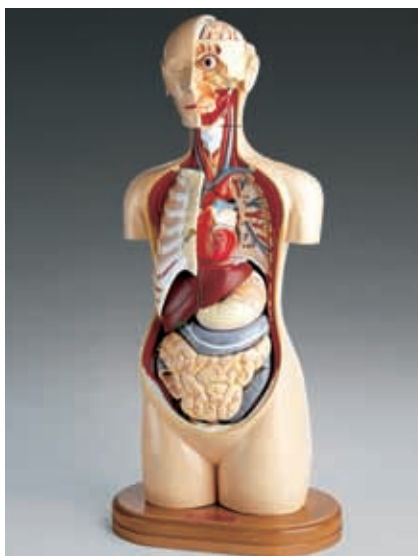
Patients and students gain a true grasp of anatomical features with replicas that explore everything from heart conditions to the smallest bones of the ear.



A.



C.



D.



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

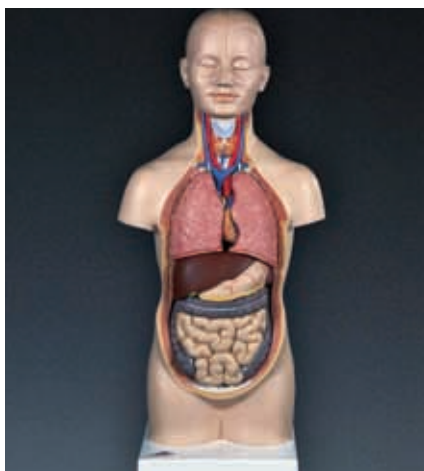
B13

- 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. KnowBody™ Deluxe Teaching Torso

DG710 (Deluxe Torso)

- 16-part torso with 23 dissected structures, 300 numbered anatomical features, 16 detachable parts including head, eyeball, 4-part brain, cross-section left lung with ribs, right lung, 2-part heart, liver with gallbladder, 2-part stomach, large and small intestine, and torso unit. Rigidly mounted.
- Denoyer-Geppert Co., size: 38" (96.5cm) tall



E.

E. 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

F. Budget Sweet Sue Torso

CFT1

G. 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

H. 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

I. 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

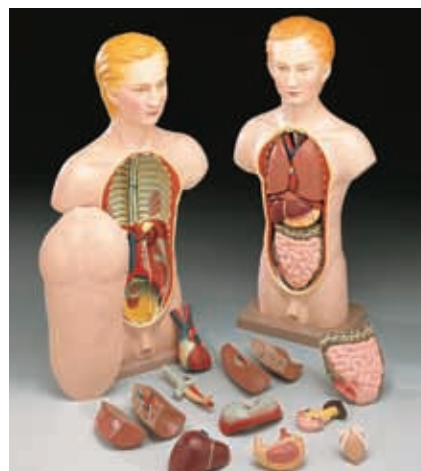
J. Budget Tall Paul Torso

CMT5

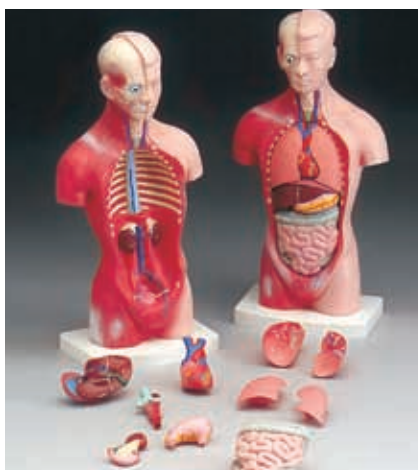
- Dissects into 19 parts: torso, head (2 parts), brain, lung (4 parts), heart, trachea, esophagus and descending aorta, diaphragm, stomach, duodenum with pancreas and spleen, intestines, cecum, kidney, bladder (2 parts), liver. Mounted on base.
- Size: 33-1/2" (85.1cm) tall



F.



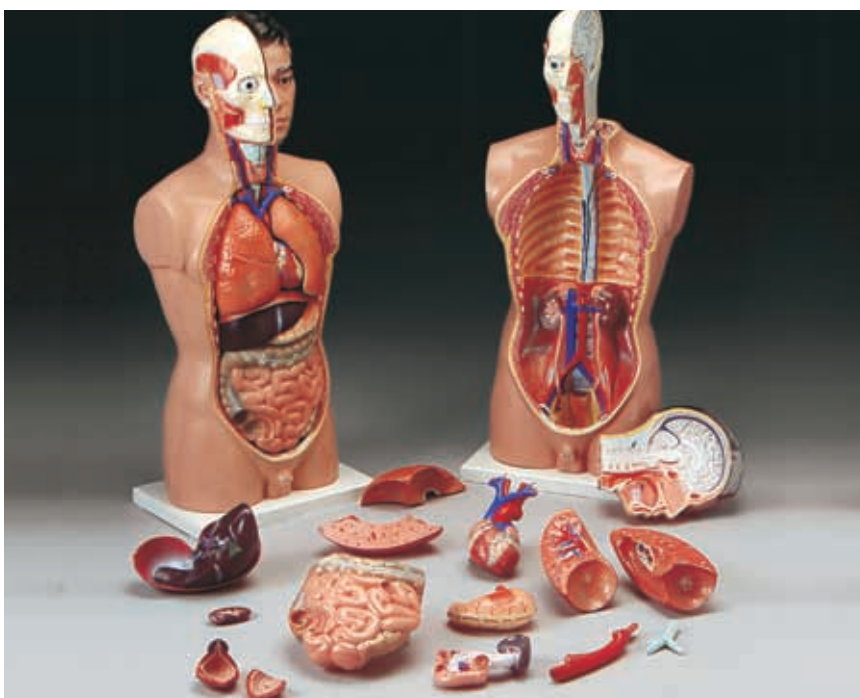
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I.



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A.



B.



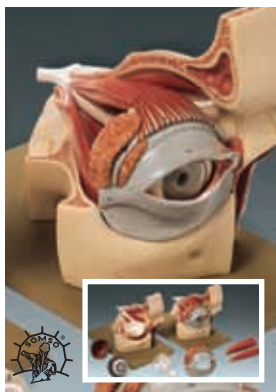
C.



D.



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F.



G.



H.

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" (12.7cm x 14cm x 20.3cm)

C. King-Size Eye Model

DG102

- 6-times enlarged; includes transparent vitreous body and functional lens; dissects in 5 parts; includes instructor's key with 42 labeled parts. Mounted on hardwood base.
- Denoyer-Geppert Co., size: 6" x 6" x 6" (15.2cm x 15.2cm x 15.2cm)

D. 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)

E. 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)

F. 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)

G. 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)

H. 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)

I. 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)

J. 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)

K. 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 27.9cm)

L. 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 21.6cm)

M. 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)

N. 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)

O. Larynx, Trachea & Bronchi Model

GS4/2

- Life-size 2-piece model of larynx and trachea; left half of larynx removable; shows cartilages, trachea with bronchial tree, individual segment bronchi, the ligamentous apparatus, muscles, mucous membrane and thyroid gland.
- Somso® Modelle, size: 15-1/3"x 8"x 7" (38.9cm x 20.3cm x 17.8cm)

P. Functional Larynx Teaching Model

DG134

- 4-times enlarged with movable vocal cords, arytenoid cartilages and epiglottis; key identifies 56 labeled parts.
- Denoyer-Geppert Co., size: 7"x 6"x 15" (17.8cm x 15.2cm x 38.1cm)



I.



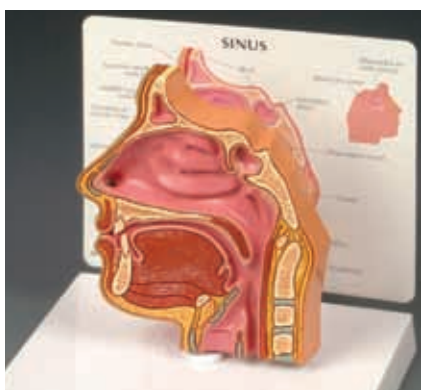
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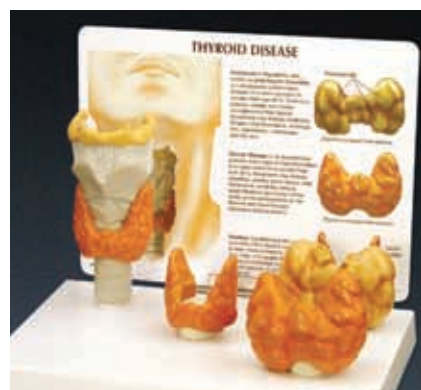
K.



L.



M.



N.



O.



P.



A.

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. Heart and Respiratory Organs Model DG192

- Life-size teaching model includes lungs, trachea, heart and esophagus plus a complete larynx with vocal cords. The only model that illustrates the inter-dependence of the respiratory and circulatory systems. Dissects into 5 parts. Instructor's manual identifies 58 labeled parts. Mounted on a hardwood base.
- Denoyer-Geppert Co., size: 11" x 17" x 6" (27.9cm x 43.1cm x 15.2cm)

C. 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)

D. 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)

E. Respiratory Organs Model 649D

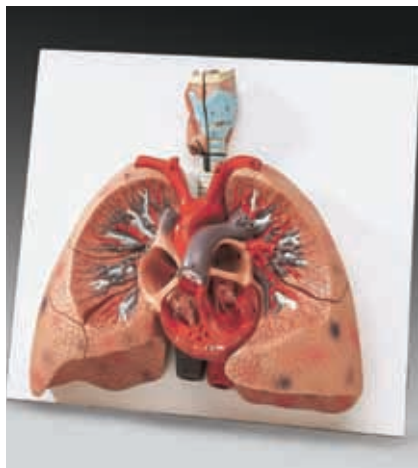
- Life-size diaphragm with muscles, tendons, and major openings for vessels and esophagus, bisected heart shows the origins of 5 abdominal arteries, and all internal structures, 3 thoracic and 3 lumbar vertebrae, sectioned left lung shows bronchioles, pulmonary arteries and veins, and the larynx, sectioned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

F. Diseased Lung G311

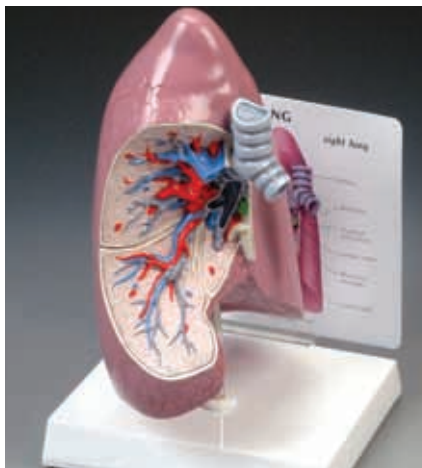
- Full-size 2-sided model of two separate lungs with 4 cut-away sections illustrating normal anatomy and the effects of COPD (chronic obstructive pulmonary disease), cancer and asthma.
- Size: 4-1/4" x 5-1/2" x 8-1/4" (10.8cm x 14cm x 21cm)



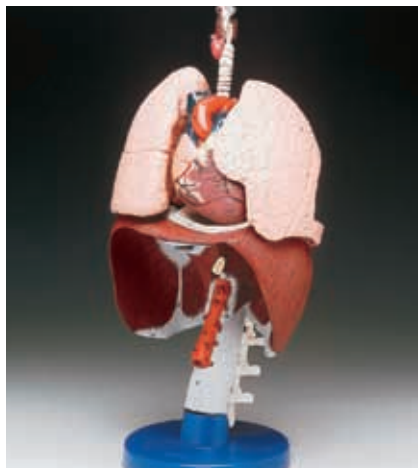
B.



C.



D.



E.



F.



G.

G. 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)

H. Danny Smith Heart Model

HE2000

- 2-times life-size model with 60+ coded structures.
- All 4 chambers open for internal viewing.
- Removable from stand.
- Size: 8"x 8"x 13" (20.3cm x 20.3cm x 30cm)

I. 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.



J.

J. 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)

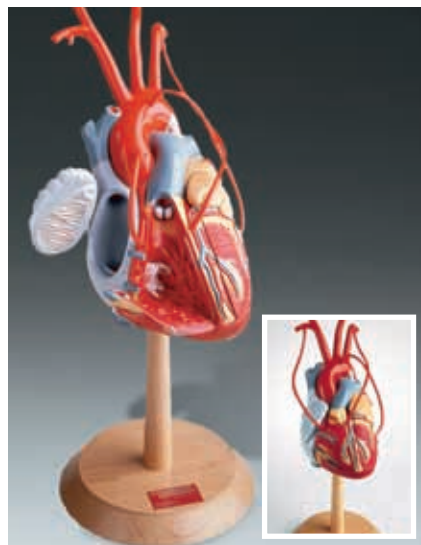
K. Heart of America Model Plus™ with Coronary Bypasses

DG139

- 2-times the size of a healthy adult heart.
- Attachable and detachable bypass vessels let .. you demonstrate single, double, triple, LIMA, and bilateral IMA coronary bypasses and a normal heart without bypasses.
- Denoyer-Geppert Co., size: 7"x 7"x 17" (17.8cm x 17.8cm x 43.2cm)



I.



K.



ALSO AVAILABLE ...



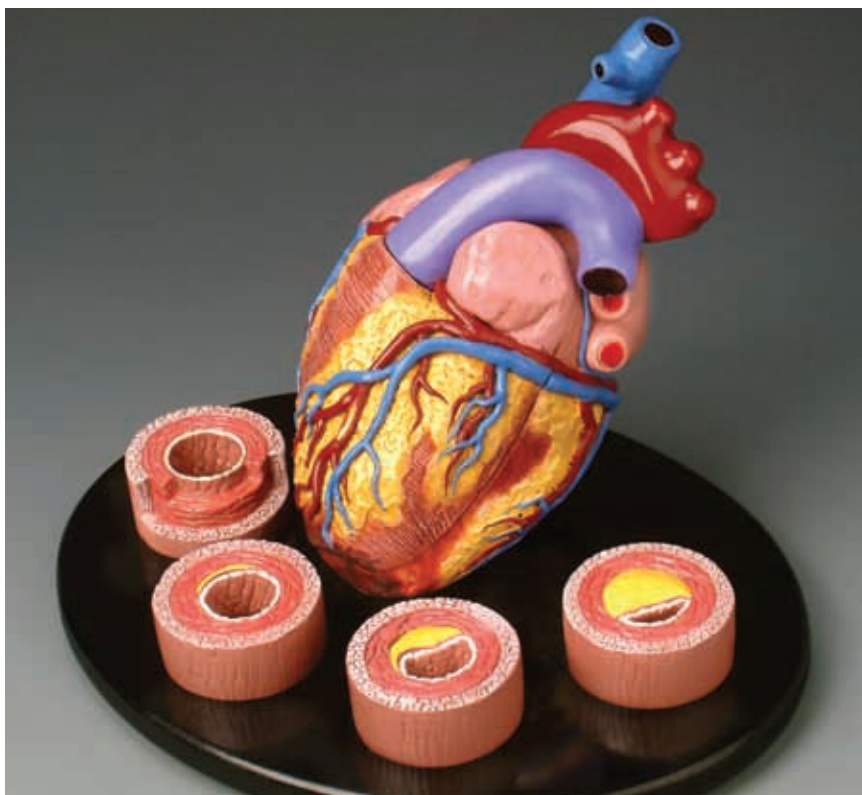
Cardiology Chart Set 1 CARDIO1

- Includes 2 charts:
The Heart; and Heart Disease, 2nd Edition

Cardiology Chart Set 2 CARDIO2

- Includes 4 charts:
Understanding Hypertension;
Understanding Type 2 Diabetes, 2nd Edition;
Understanding Cholesterol;
and Cardiovascular Disease





A.

A. Heart Conditions Model

PT1205

- Larger than life-size. Illustrates atherosclerosis/ coronary artery disease and progression in the blood vessel, myocardial infarction and damage, blocked artery and left ventricular hypertrophy. The heart is sectioned into 2 parts to show the thickened ventricle walls and cardiac valves. Four individual blood vessel models show progression of atherosclerosis. Illustrated study sheet showing normal anatomy and various conditions is included.
- Size: 12" x 12" x 12" (30.5cm x 30.5cm x 30.5cm) with stand

B. 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

C. Giant Hands-On Heart Model

DG821

- 3 times the size of a healthy adult heart. Three doors expose 4 chambers and their valves. Trachea and esophagus shown on back. Can be removed from its base. Numbered with 39 key features.
- Denoyer-Geppert Co., size: 7" x 7" x 15" (17.8cm x 17.8cm x 38.1cm)

D. 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)

E. Mini Heart Set Models

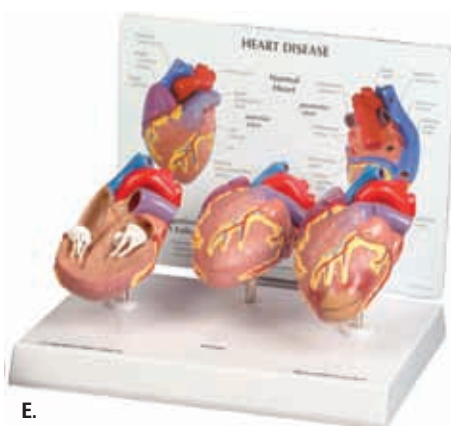
G255

- 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" CHF: 4" x 2-1/2" x 2-1/4" (10.2cm x 5.7cm x 4.4cm CHF: 10.2cm x 6.4cm x 5.7cm)

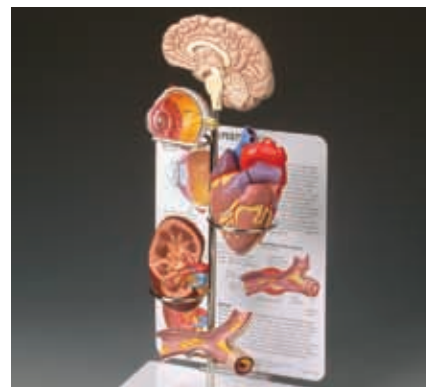
F. Occluded Artery Model

79145

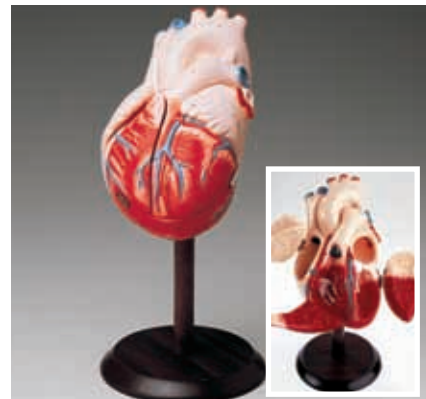
- Larger than life-size. See-thru model shows constricted passage clogged with plaque. Turning the model illustrates difficulty red blood cells have flowing through an artery with atherosclerosis.
- Size: 2-1/2" x 7" (6.4cm x 17.8cm)



E.



B.



C.



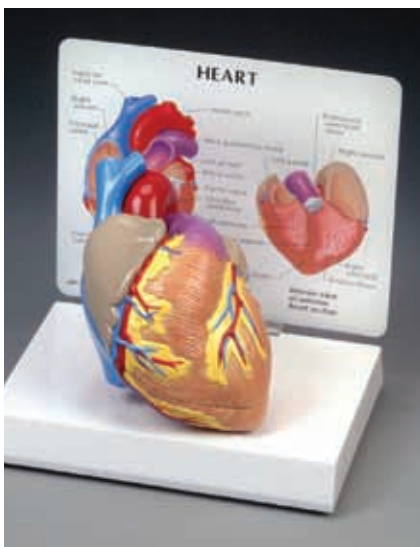
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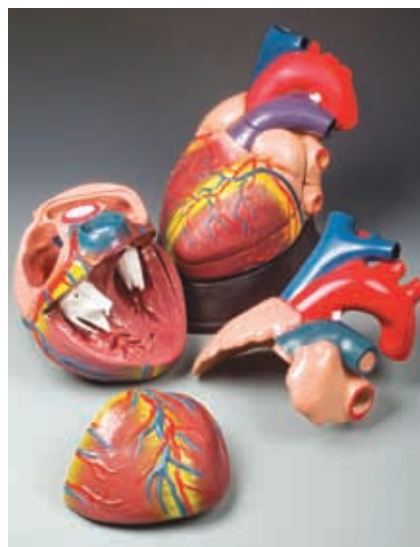
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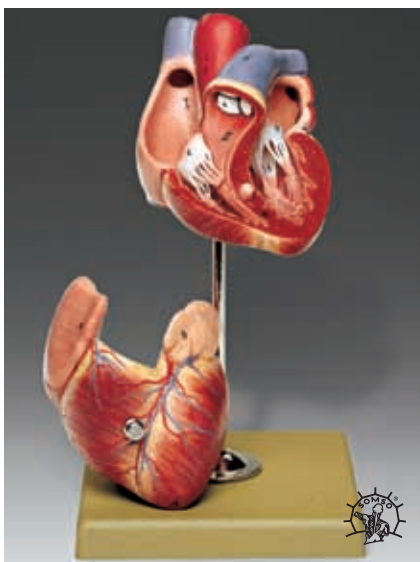
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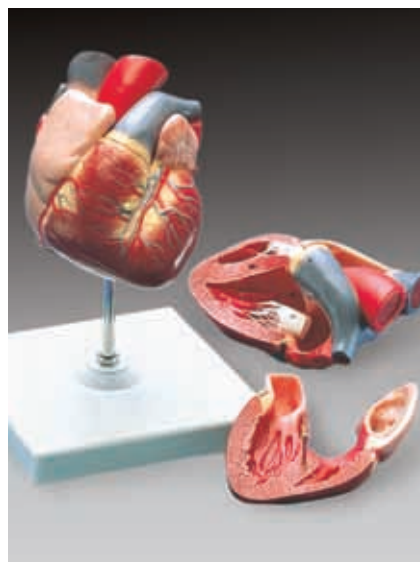
I.



J.



K.



L.

G. 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" (7.6 cm x 12.7cm x 6.4cm)

H. 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)

I. 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)

J. 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)

K. 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)

L. Life-Size Classic Human Heart Model

G10

- Life-size heart model. Depicts atrium cordis, ventricles of the heart and cardiac valves. Dissects into 2 parts. Removable from stand.
- 3B Scientific GmbH, size: 3-1/2" x 4" (8.9cm x 10.2cm)

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.



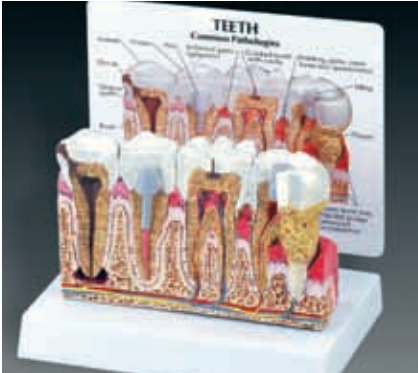
B.



C.



D.



E.



F.

A. Upper and Lower Jaw

JS6519

- Shows cross-section of the teeth and jaw and opens to reveal palate and masticating surface of teeth; key with 18 numbered features.
- Fiberglass; size: 8" x 10" (20.3cm x 25.4cm)

B. 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)

C. 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)

D. 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" (29.2cm) toothbrush with soft bristles.
- Size: 3" x 3-1/2" x 3-1/2" (7.6cm x 8.9cm x 8.9cm)

E. 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)

F. Giant Tooth Brushing Model

TH01

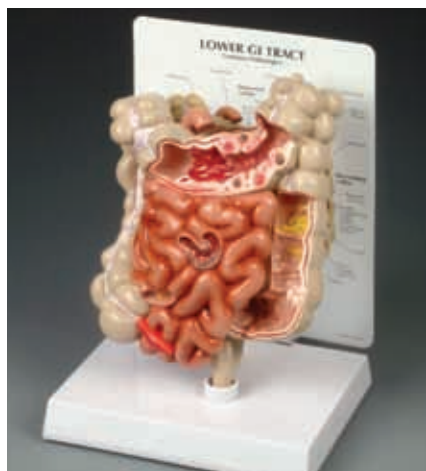
- Economical model; bendable wire spring allows easy movement; includes giant size, soft nylon bristle toothbrush.
- Size: 6" (15.2cm) from molar to molar; toothbrush 14-1/2" (36.8cm) long

Customers rate Anatomical Chart Company products



"Good model"

J.W., Phoenix, AZ



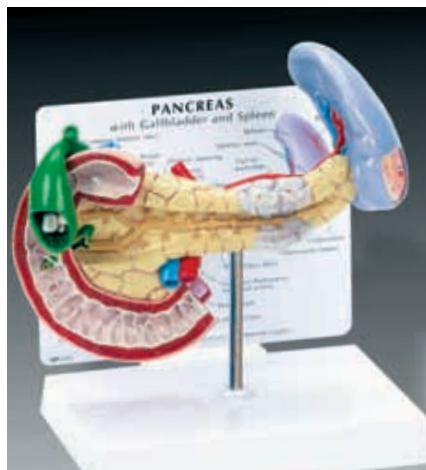
G.



H.



I.



J.

G. 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)

H. 4-Piece Colon with Pathologies

G3341

- 4-piece cross-section of the human colon demonstrating both normal and various disease conditions. Structures included in the normal anatomy include: serosa, muscle, mucosa, semilunar folds, taenia, and epiploic appendices. Diseases represented are: polyps, cancer, diverticulitis, and colitis.
- Size: 4" x 2" (10.2cm x 5.1cm)

I. 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)



K.

J. 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)

K. Stomach with Ulcers Model

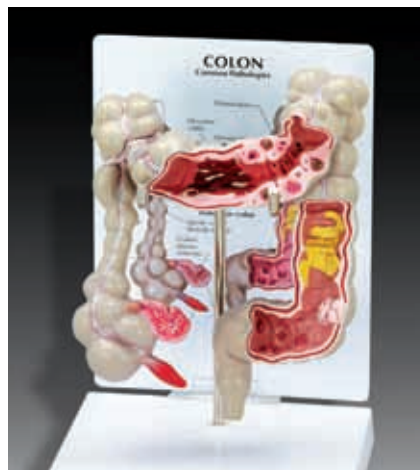
G200

- 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)

L. 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)



L.

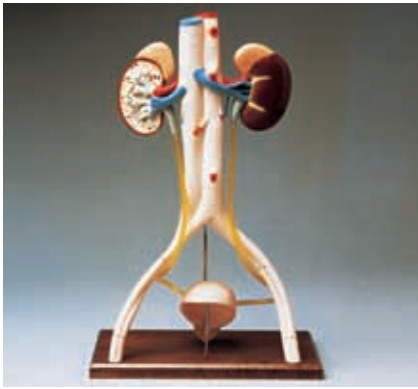


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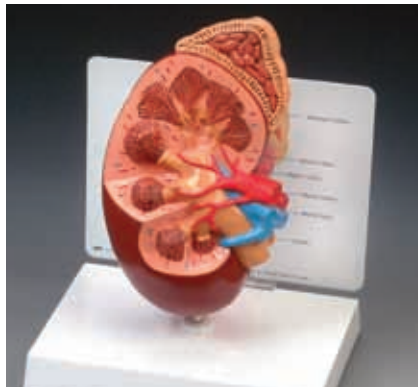
M. Deluxe Liver and Gallbladder Model

DG141

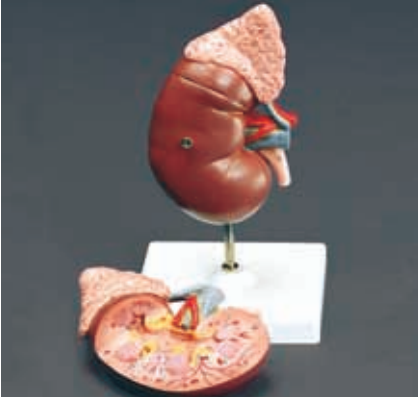
- 1-1/2 times life-size; ventral surface is dissected to expose major blood vessels and bile ducts in deep relief; color-coding clarifies vascular network; portal vein (and its branches), gallbladder, bile ducts, hepatic artery (and its branches) and hepatic veins color-coded; 28 structures numbered in key.
- Denoyer-Geppert Co., size: 13" x 6" x 11" (33cm x 15.2cm x 28cm)



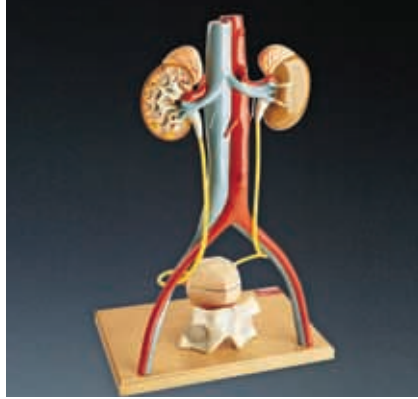
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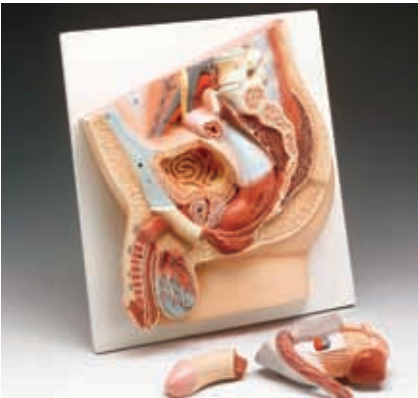
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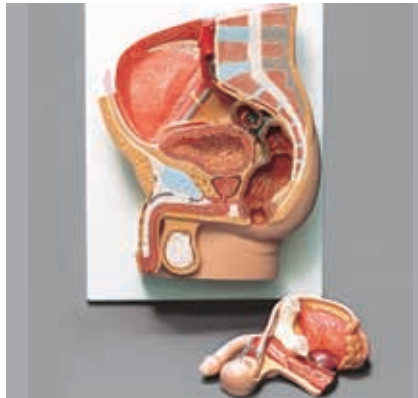
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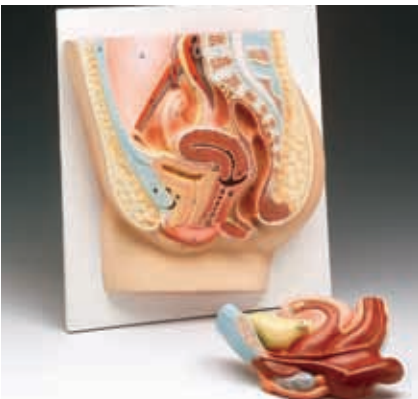
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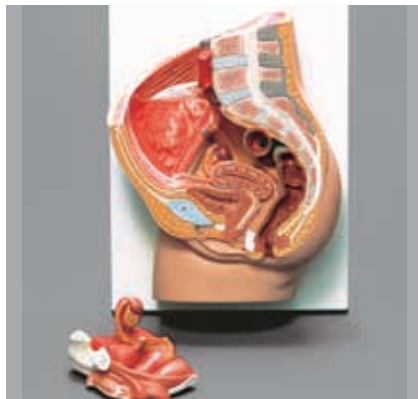
E.



F.



G.



H.

A. Hands-On Urinary System

DG827

- Larger than life-size. Shows both kidneys, adrenal glands, major blood vessels, ureters and upper half of bladder opened to show interior; one kidney sectioned along its length to show network of filtration and collection tubules; 41 major features numbered and identified on key.
- Denoyer-Geppert Co., size: 12" x 9" x 8" (30.5cm x 22.9cm x 20.3cm)

B. 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)

C. 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)

D. Deluxe Urinary System Model

DG145

- Life-size male urinary apparatus; blood supply can be studied from every angle; includes kidneys, adrenals, section of the pelvic bone, bladder and prostate. Instructor's key identifies 50 features. Mounted on hardwood base.
- Denoyer-Geppert Co., size: 12" x 8" x 19" (30.5cm x 20.3cm x 48.3cm)

E. Male Pelvic Section

JS6544

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

F. 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)

G. Female Pelvic 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)

H. 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)

I. Male Pelvis Section Model

G355

- Anatomy of male pelvis and testis shown in half life-size mid-sagittal section.
- Size: 7"x 4-3/4"x 1" (17.8cm x 12.1cm x 2.5cm)

J. 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)

K. 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)

L. Female Genital Organs

MS5

- Shows internal and external female genital organs; removable internal organs; life-size; dissects into 4 parts. Removable from green® stand.
- Somso® Modelle, size: 7"x 7-1/2"x 10" (17.8cm x 19.1cm x 25.4cm)

M. 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.

N. Composite Pelvis and Pelvic Floor

267A

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

O. Breast Cross-Section Model

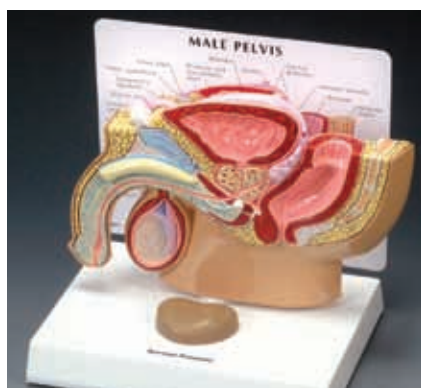
G345

- 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)

P. Uterus and Ovaries Model with Pathologies

G348

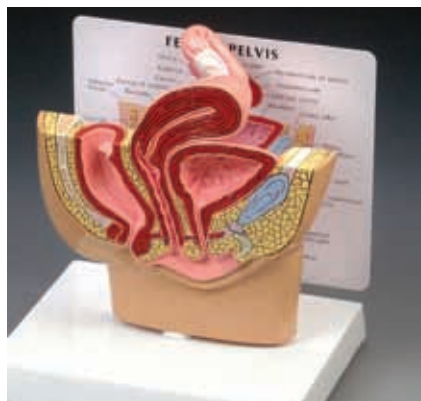
- Shows endometriosis, adhesions, various carcinomas, polyps, cysts, pedunculated fibroid tumor, salpingitis and fibroids; patient education card included.
- Size: 8-3/4"x 6-1/4"x 2-1/2" (22.2cm x 15.9cm x 6.4cm)



I.



J.



K.



L.



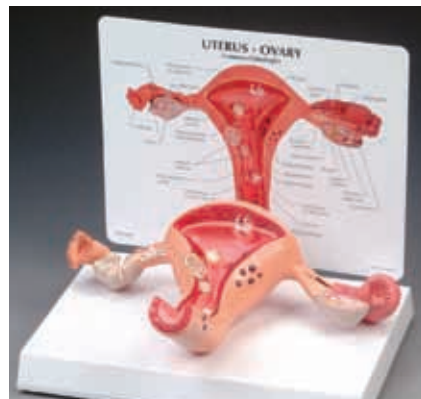
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O.



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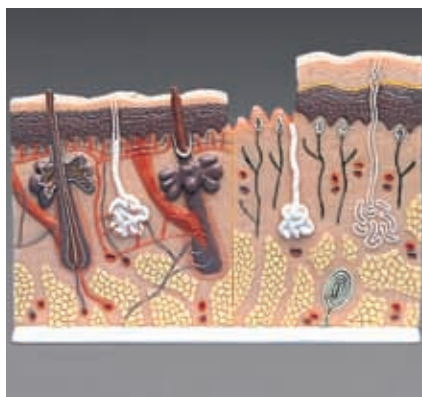
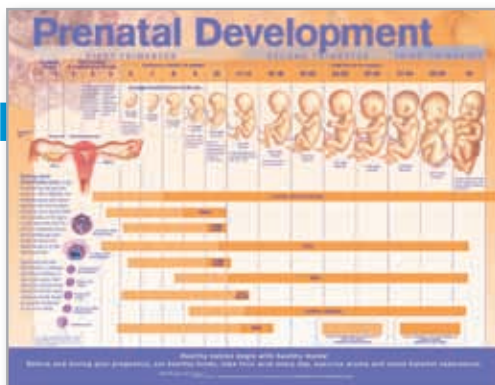


A.



ALSO AVAILABLE ...

Prenatal Development Chart
See page 23 for details.



B.



C.



D.



E.

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 Cancer Model

G385

- Model features 3 cancerous conditions: NBC (Nodular Basal Cell), MM (Malignant Melanoma), MBC (Morpheic Basal Cell), and three non-cancerous conditions: DN (Dysplastic Nevus), KA (Keratoacanthoma), AK (Actinic Keratosis) with basal layer and dermal layer cross-section detail. Removable patient education card included.
- Size: 4-1/2" x 4-1/2" x 1-1/4" (11.4cm x 11.4cm x 3.2cm)

D. 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)

E. 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)

F. Anatomical Section Model of the Head

BS55

- Life-size anatomical model. Designed by Dr. J. W. Rohen, this model shows anatomical structures of 10 consecutive horizontal sections through the human head, oriented to the plane usual in CT and MR imaging (CA-CP plane) and which have the same section thickness (0.8 cm). Each cross-section swivels and is removable. With explanatory booklet on the green® base.
- Somso® Modelle, size: 11" x 18" x 13" (27.9cm x 45.7cm x 33cm)

G. 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" (15.2cm x 15.2cm x 22.9cm)

H. 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.
- Somso® Modelle, size: 8-3/4" x 7" x 8" (22cm x 17.8cm x 20.3cm)

I. Median Section of the Head and Neck

JS6509

- Cross-section of head and neck showing brain, nose, mouth, larynx and vertebral column of the neck. Bones, brain, larynx, nose, gullet and buccal cavity are numbered, key card is included. Made of fiberglass. Mounted on base.
- Size: 10" x 12-3/4" x 2" (25.4cm x 32.4cm x 5.1cm)

J. 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)

K. Transparent Brain Model

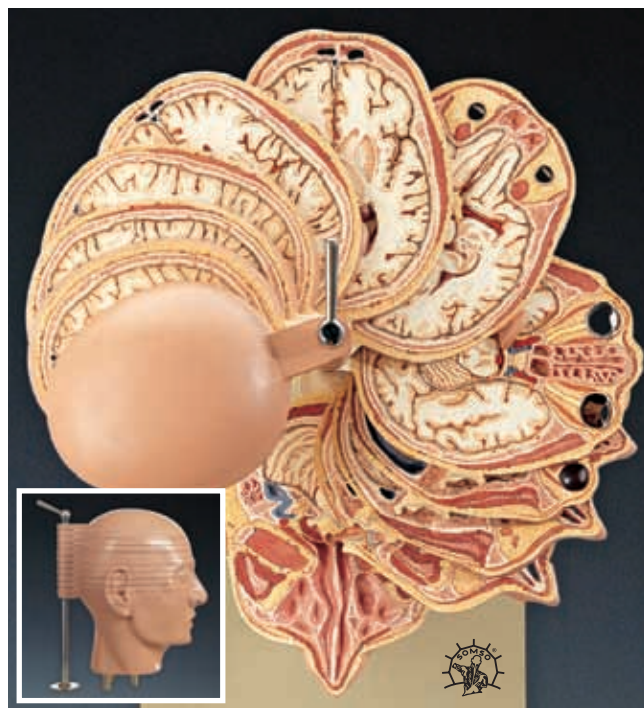
BS25T

- 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 capsular interna, 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)

L. 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)



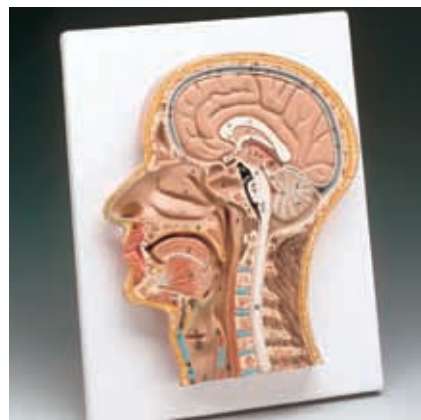
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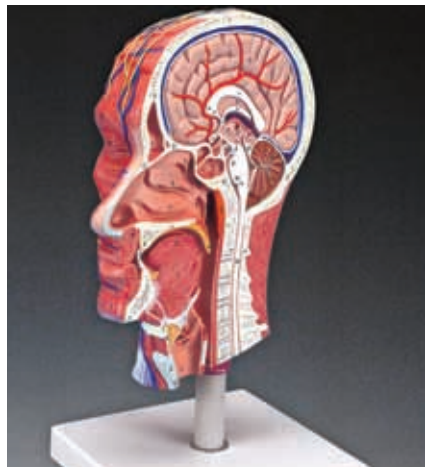
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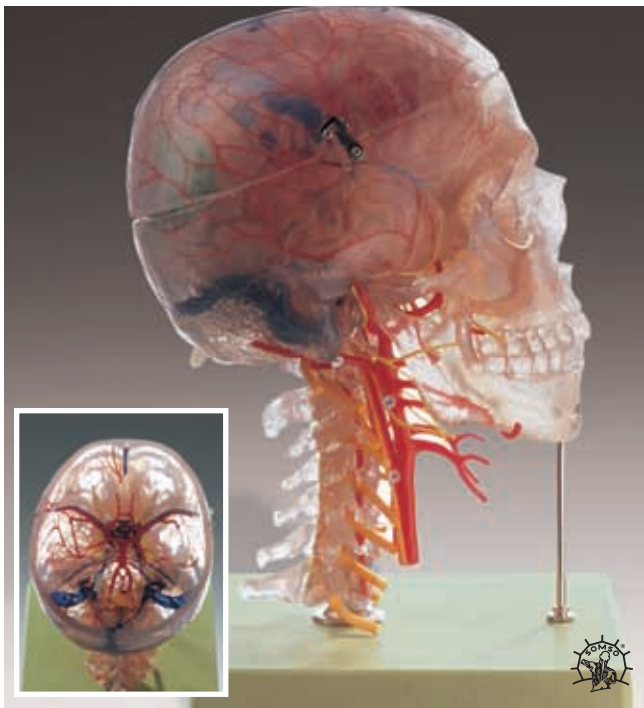
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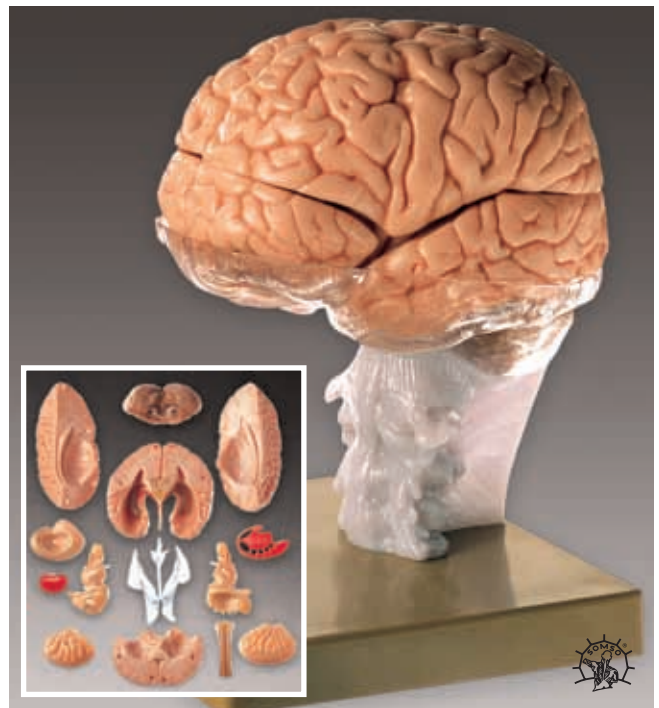
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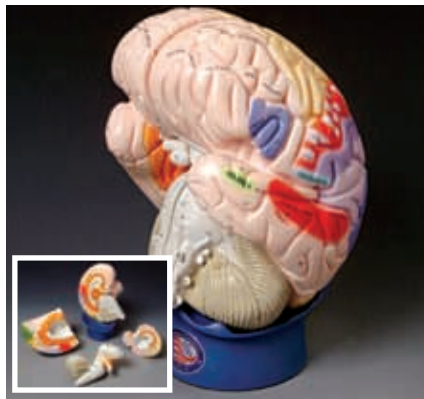
L.



A.



B.



C.



D.



E.



F.

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" (15.2cm x 17.8cm x 22.9cm)

C. Giant Functional-Center Brain

DG172

- About 2-times life-size in 4 parts. More than 120 numbered features with corresponding key card. Contrasting colors identify sensory functional centers receptive to 20 specific body regions and motor centers

controlling 19 body regions.

- Denoyer-Geppert Co., size: 8"x 8"x 10" (20.3cm x 20.3cm x 25.4cm)

D. Giant Regional Brain

DG171

- About 2-times life-size. Color-coded to differentiate front, parietal, occipital, temporal lobes, cerebellum, brain stem, and the motor, somatosensory and limbic cortices; each of the lobes, limbic cortex, and pre- and post-central gyri labeled. Divides into 4 parts; 120 numbered neurostructures are identified on key card.
- Denoyer-Geppert Co., size: 8"x 8"x 10" (20.3cm x 20.3cm x 25.4cm)

E. Deluxe Brain with Arteries

BS23

- Life-size 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" (17.1cm x 16cm x 16.5cm)

ANATOMICAL CHART COMPANY

F. 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)

G. Budget Brain with Arteries Model

C20C

- Life-size educational economy model. Color markings illustrate arteries (red) and cranial nerves (yellow). Dissects into 8 parts. Base included.

Size: 5"x 6"x 6" (12.7cm x 15.2cm x 15.2cm)

H. 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 16.5cm)

I. 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)

J. 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)

K. 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.

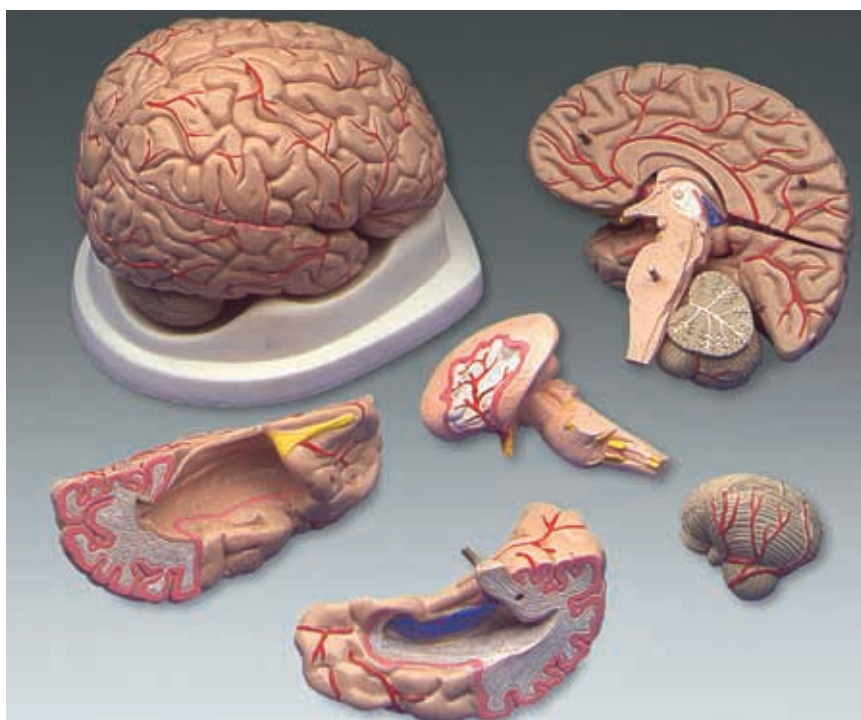
Denoyer-Geppert Co., size: 6"x 5"x 7" (15.2cm x 12.7cm x 17.8cm)

L. 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)



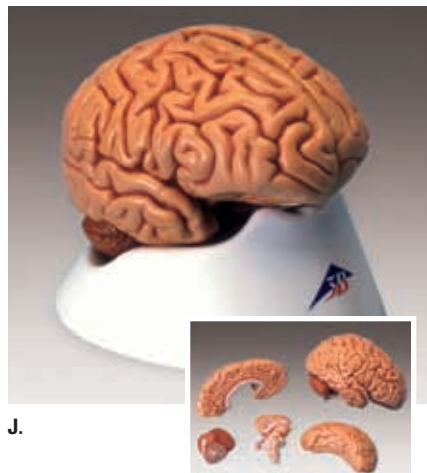
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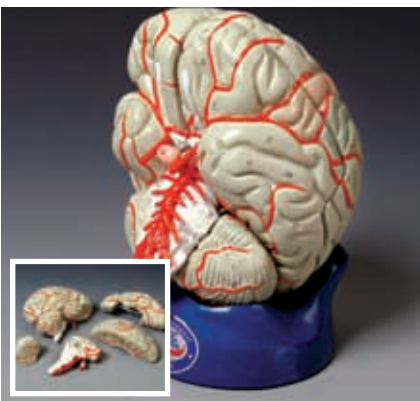
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I.



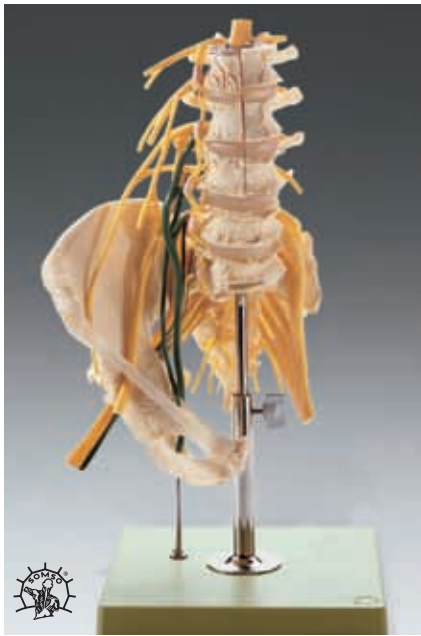
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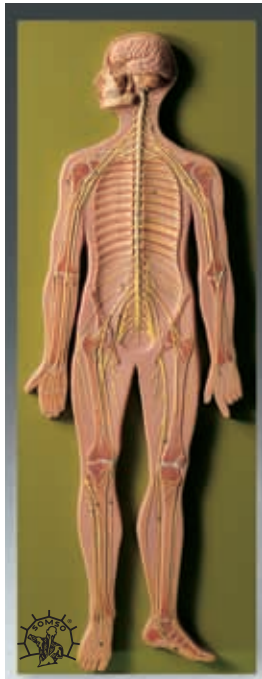
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A.



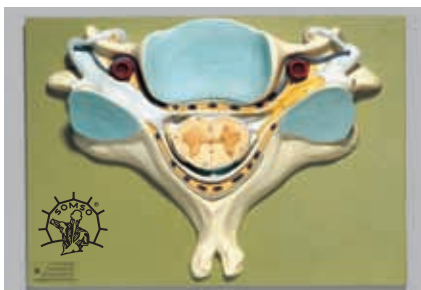
B.



C.



D.



E.



F.

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. Nervous System Model BS27

- 1/2 life-size schematic presentation of the central and peripheral nervous system. One piece on green® base.
- Somso® Modelle, size: 36"x 12"x 2-1/3" (91.4cm x 30.5cm x 5.9cm)

D. 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)

E. 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)

F. Deluxe Spinal Cord Model DG165

- 5-times life-size segment of the upper thoracic spinal cord with a portion of the white matter cut away to expose the anterior and posterior nerve roots.
- Denoyer-Geppert Co., size: 12"x 8"x 5" (30.4cm x 20.3cm x 12.7cm)

Flexible Vertebral Column Region Models**G. 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"x6"x7" (12.7cm x 15.2cm x 17.8cm)

H. A73 (thoracic)

- 12 thoracic vertebrae, intervertebral discs and nerve branches. Not removable from stand.
- 3B Scientific GmbH, size: 5"x4"x13" (12.7cm x 10.2cm x 33cm)

I. 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"x5"x13" (12.7cm x 12.7cm x 33cm)

J. 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"x3-1/2"x11" (11.4cm x 8.9cm x 27.9cm)

K. 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.
- Size on base: 5-3/4"x10-1/2" (14.6cm x 26.7cm)

L. 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"x3" (15.2cm x 7.6cm)

M. 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"x4-3/4"x5-1/4" (12cm x 12cm x 13.3cm)

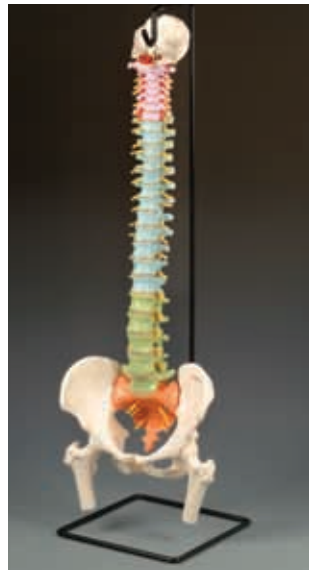
N. Lumbar Vertebrae Teaching Model**A76**

- 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"x5"x5" (12.7cm x 12.7cm x 12.7cm)

**G.****H.****I.****J.****K.****L.****M.****N.**



A. 32" tall



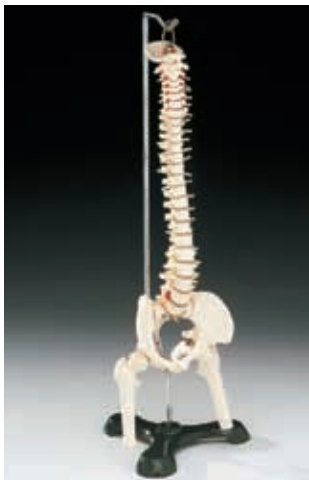
B. 32" tall



C. 34" tall



D. 34" tall



E. 18" tall



F.

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" (81.3cm) tall

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" (81.3cm) tall

Spine Stand

SM91

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

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) tall, 14 lbs (6.3kg)

E. Desk-Size Vertebral Column

CS85X

- Features nerve branches, vertebral artery, movable femur heads, occipital bone, pelvis, and herniated lumbar disc. Flexible.
- Size: 18" (45.7 cm) tall, 6 lbs (2.7kg)

**ALSO AVAILABLE ...****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





G. 29" (73.7cm) tall

F. Anatomical Lifting Manikin

310K

- Demonstrates how vertebrae react when heavy objects are lifted correctly and incorrectly. Designed by a physical therapist. "Safe Manual Handling" included.
- Base: 5-1/2" x 9" x 16-1/2" (14cm x 22.9cm x 41.9cm) when standing.

G. 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 lbs. (5kg)

H. Vertebral Columns with Pelvis

A59/1

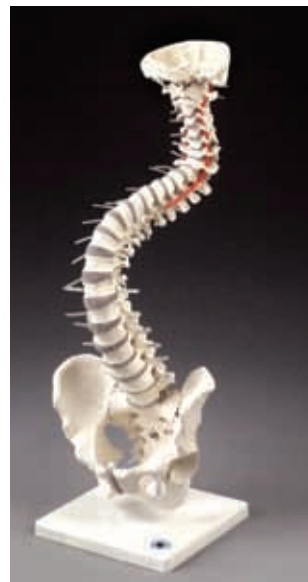
- Flexible spine, with pelvis, occipital bone, vertebral artery and dorsal herniated disc between the 3rd and 4th lumbar vertebrae. No stand.
- 3B Scientific GmbH, size: 29" (73.7cm) tall



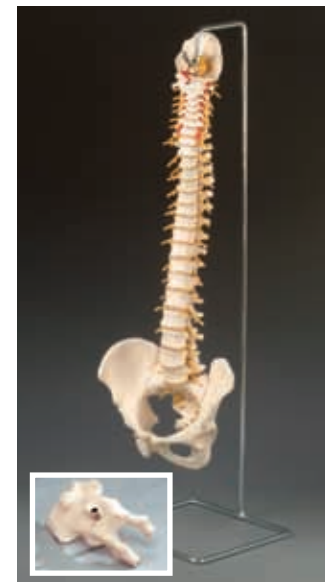
H. 29" (73.7cm) tall



I. 32" (81.3cm) tall



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



K. 29" (73.7cm) tall

I. 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

J. 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

K. Vertebral Column with Open Sacrum

A59/1SP

- Flexible, with pelvis, occipital bone, vertebral artery, herniated disc, spinal cord with protruding nerve branches and brain stem (medulla oblongata). Removable piece from back of sacrum exposes cauda equina (nerves that run through sacrum). Stand sold separately.
- 3B Scientific GmbH, size: 29" (73.7cm) 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)

A291 (color coded)

- 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)



B.

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)



C.

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. Beauchene Mounted Skull

QS9

- 22-part disarticulated skull mounted in Beauchene style; emphasizes position of cranial bones and their relationship to each other. Includes: frontal, 2 parietal, 2 zygomatic, 2 nasal, occipital, 2 maxilla, 2 lacrimal, 2 nasal concha, 2 palatine, Vomer, ethmoid, sphenoid bones and mandible. Jointed green® stand. All bones removable.
- Somso® Modelle, size: 10" x 15" x 16" (25.4cm x 38.1cm x 40.6cm)



D.



E.



F.



G.

H. 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)

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.



C.



D.



E.

Customers rate Anatomical Chart Company products



"Excellent visual aid"

Abe, New York, NY



B.

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 21.6cm 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.



G.



H.



I.

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

- Specify right or left extremity when ordering foot.
- 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. Specify right or left extremity when ordering foot.
- 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

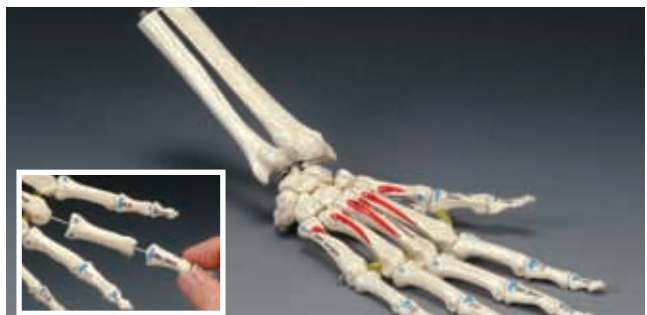
A-41SP

- 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 metacarpals are wired together. Wrist has movable metal wire joint.



J.



K.



L.



A.



B.



C.



D.



E.



F.



G.

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"

L. Basic Joint Model Set

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.

M. 4-Stage Osteoarthritis Knee

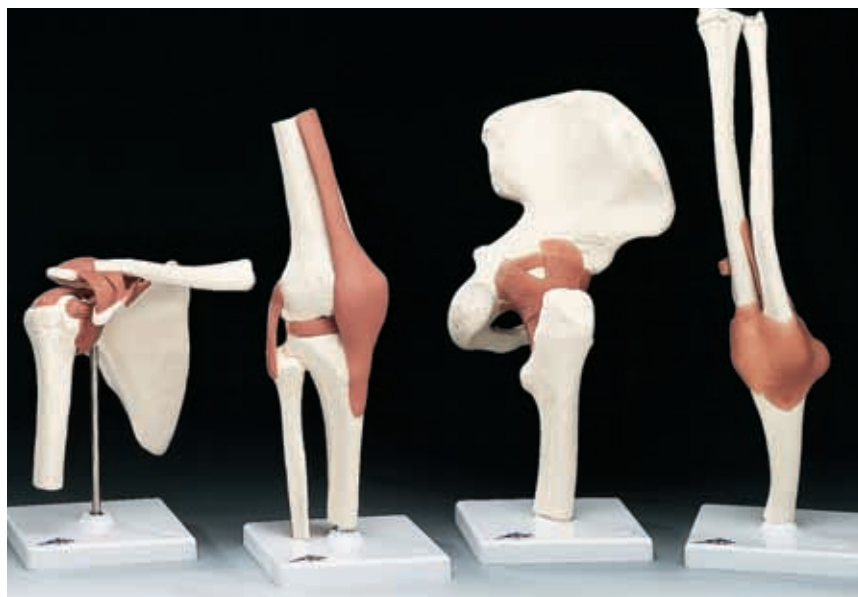
G110

- 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)

N. Deluxe Knee Joint Model

JK2500

- Left distal half of femur is articulated to tibia and fibula. Includes major muscles of knee, patella, patellar tendon, cruciate/collateral ligaments, and "bucket handle" tear in medial meniscus. Removable from base.
- Size: 5"x 5"x 13" (12.7cm x 12.7cm x 33cm)



H.

I.

J.

K.



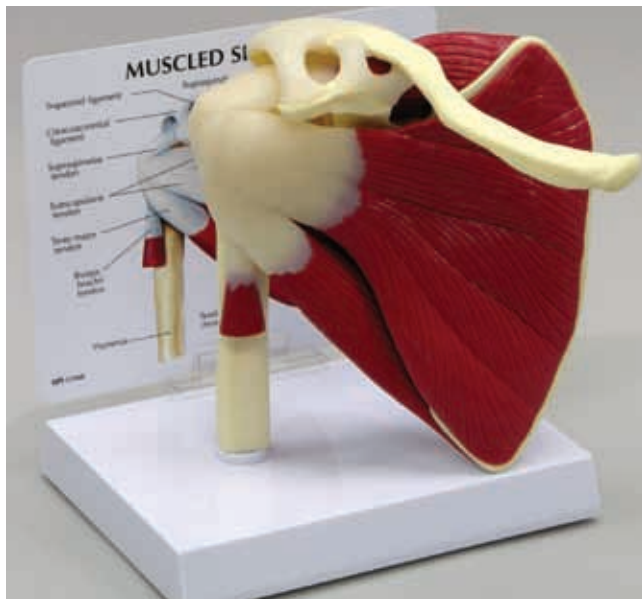
L.



M.



N.



A.



D.



E.



B.



C.

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

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, gemelli 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)

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)



Be sure to see ...

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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)



F.

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)



G.

H. Deluxe Foot and Ankle Model

A2500

- Articulated model of foot, ankle, lower half of tibia and fibula. Cast from natural specimen. Depicts all major muscles, nerves, arteries and tendons. Removable from stand.
- Size: 7"x 8-1/2"x 5"
(17.8cm x 21.6cm x 12.7cm)

I. 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)

J. Deluxe Hand and Wrist Model

SMH1500

- Fully articulated model of bones of the hand and wrist. Cast from natural specimen, contains intraosseous muscles and median, radial and ulnar nerves. Simulated mid-palmar and thenar space, tendons, ligaments and arteries featured. Removable from stand.
- Size: 5"x 5"x 8-1/2"
(12.7cm x 12.7cm x 21.6cm)



H.



I.

K. 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.



K.



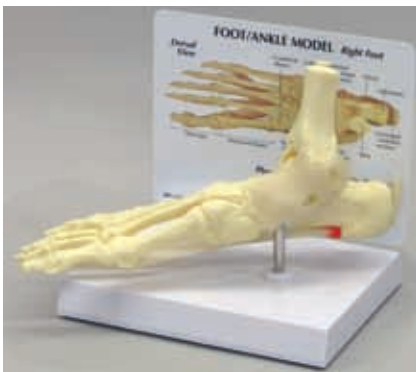
A.



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 platyr 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. Deluxe Skeleton Half-Painted with Labeled Muscles

SK1005

- Deluxe reproduction has bone made x-ray opaque by the addition of a special chemical filler during casting. Includes a removable calvarium, break-away maxilla revealing paranasal sinuses supported by spring mounted, detachable mandible. Bones of one hand and one foot on opposite sides are articulated with springs for joint flexibility. Skeleton disarticulates into 12 pieces. Right side is hand painted to show muscle origins in red and insertions in blue. Muscle names are hand lettered at each muscle origin and insertion location. Stainless steel hardware featured at joint articulation. Stand included.
- Size: 5'4" (162.6cm) tall



G. 5'4" (162.6cm) tall

H. 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

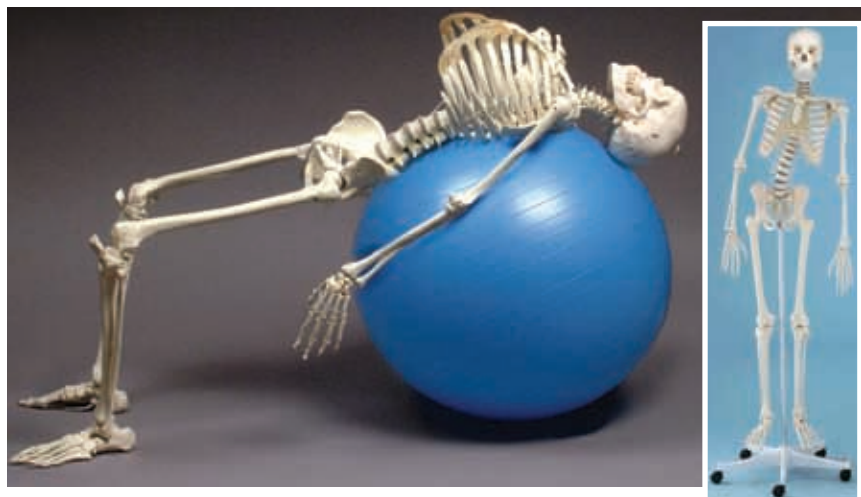


H. 5'6" (167.6cm) tall

I. 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



I. 67" (170.1cm) tall

ALSO AVAILABLE ...



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)



E. 5'6" (167.6cm) tall

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

INCLUDED FREE!



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



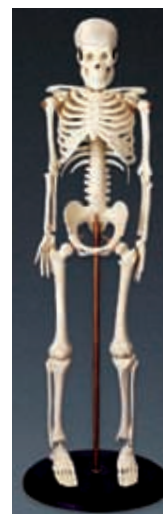
B. 33-1/2" (85.1cm) tall



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



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



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



F. 50" 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)
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A.



B.

A. Anatomical Key Ring Collection

7031SP Spine
7032SP Hand
7033SP Hip
7035SP Foot
7041SP Skull
7036SP Knee

- 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. Petit Pete Skeleton

CMS6P

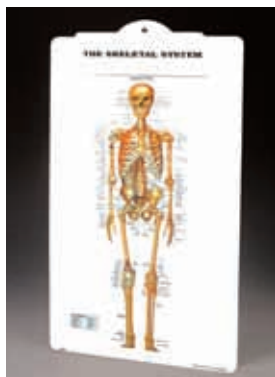
- Pete's arms and legs are affixed with tiny screws to allow movement and are realistically jointed at the elbow and knee. Choking hazard: small parts. Not for children under 3 years.
- Size: 8-1/2" (21.6cm) tall, 9-1/2" (24.1cm) tall on stand (included)

C. Anatomical Clipboards

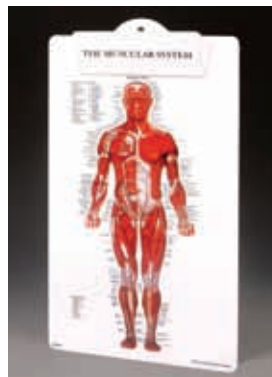
8943PCB The Skeletal System

8946PCB The Muscular System

- Each two-sided clipboard has labeled images taken from our archive of medical illustrations. Choose from 2 styles.
- Styrene plastic. Size 9" x 15-1/2" (22.9cm x 39.4cm)



C.



D.



D.



E.



F.



G.

D. Bone Socks

SS26AKLVH 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.

E. Maternity Mug

101498

- Your friends' mouths will fallopian, and you'll have a belly full of laughs when you cervix drinks in this 10-ounce Maternity Mug.

F. Molar Mug

CMM1

- Brush up on your dental anatomy with our white porcelain Molar Mug. Tooth-white 8 ounce ceramic mug is dishwasher and microwave-safe.

G. Lumbar Vertebra Mug

ILP-1

- A jumbo-sized 10-ounce mug with a clever handle designed to look like an actual bone from the spine. Give to a chiropractor, orthopedist or a friend with an aching back.

H. Magic Thinking Cap

MTC1

- Colorful, anatomically correct brain on the cap. Flip up the brim and expose the words, "Think, Think, Think..." to inspire extra brain power.
- 100% cotton. One-size-fits-all.



H.

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"My favorite gift"

Suzanne, Scotland

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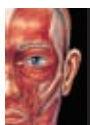
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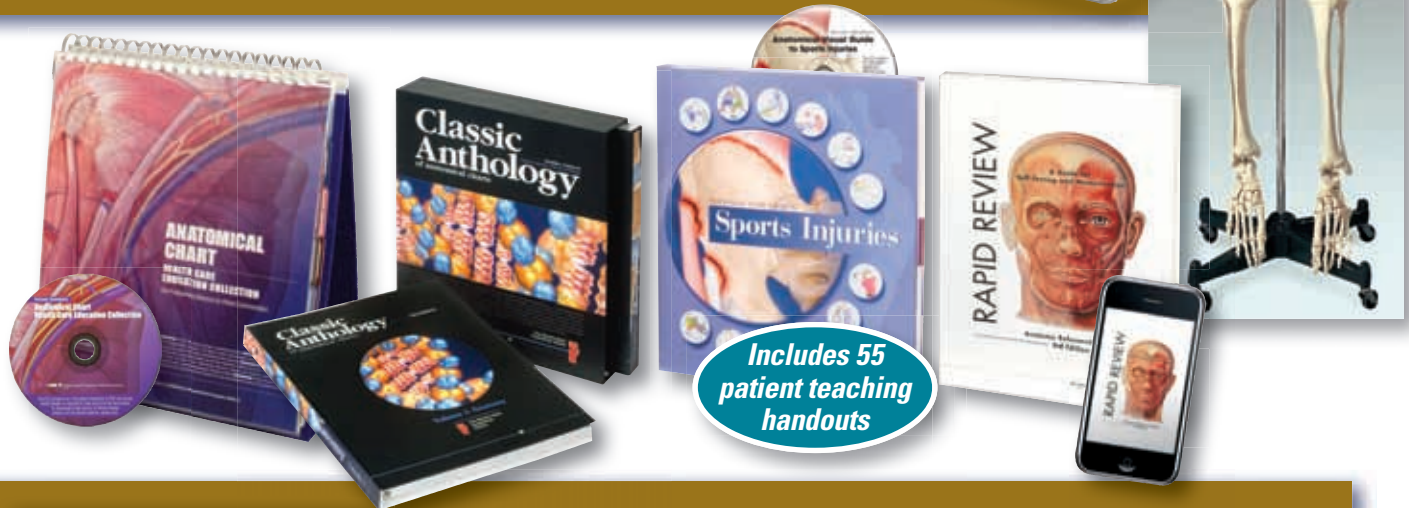
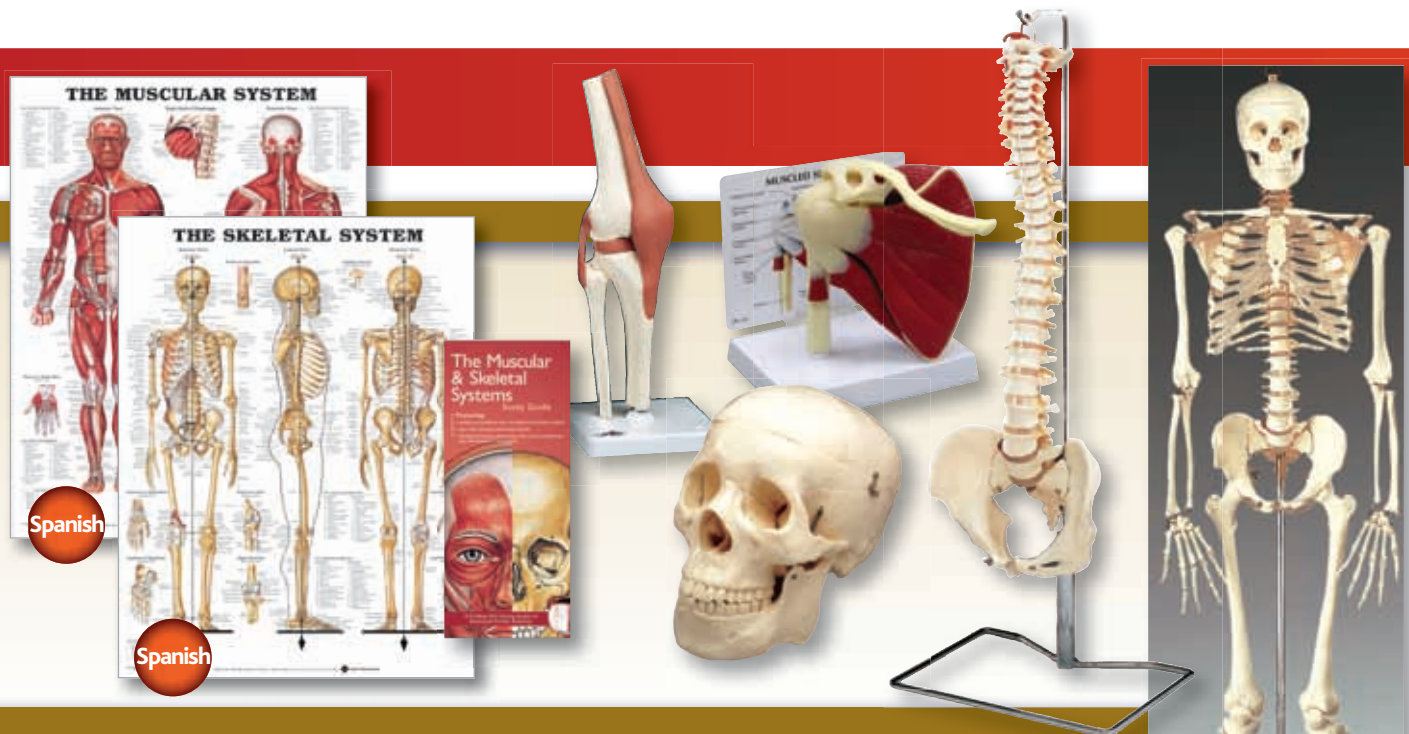
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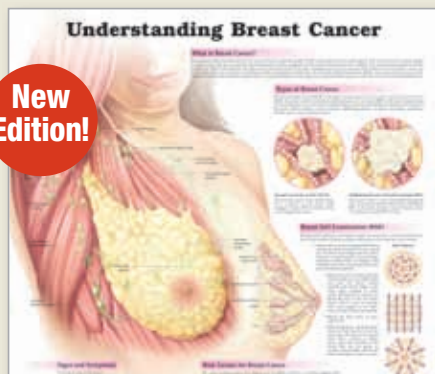
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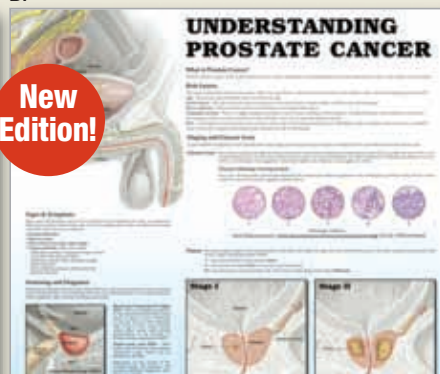


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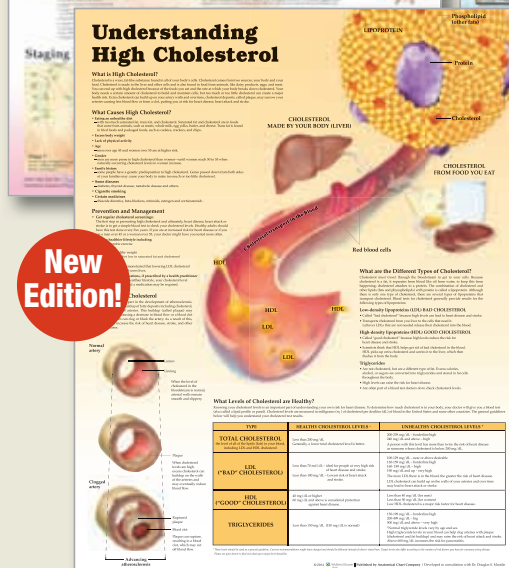
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