A Visual Approach to Knowledge

For every family and at every stage in life, health is the number one issue. QA International meets these concerns with a series of medical reference works for the public at large, providing editorial content approved by an international scientific committee and medical illustrations of unprecedented quality.

An invaluable reference for exploring the human body in pictures and words

A comprehensive survey of the processes occurring within the human body

The essential family reference when it comes to understanding the treatment and prevention of illnesses that affect the human body

From detailed sketches to virtual model, using cutting-edge technology

QA International
Québec Amérique
The Visual Dictionary of the Human Body

An indispensable tool at home, school and the office

With over 350 highly realistic color images, precise terminology and clear definitions, this dictionary allows readers to discover how the body works and explore its complexities.

Understanding the Human Body

A definitive guide to understanding human biology

Through stunning visual content, Understanding the Human Body presents the various components of the human anatomy and details their functions. Combining text with charts, diagrams and hyperrealistic illustrations, this reference guide makes it easy to understand complex biological processes.
Family Guide to Health
Visualize, Heal, Prevent

An essential reference when it comes to the well-being of the entire family

- Plain-language explanations complemented by state-of-the-art visuals
- An encyclopedia of more than 400 illnesses and ailments, illustrated and explained
- A guide to healthy living and a first aid manual developed in collaboration with St. John Ambulance
- Validated by over 300 physicians, medical specialists and university professors

AWARDS
- Award for Illustrated Medical Book, Illustrated Books of Scientific or Medical Nature – Association of Medical Illustrators (USA)

Video Library
License our videos on the human body for any of your projects. Our animations can provide stunning visual support in documentaries, websites and mobile applications. State-of-the-art 2-D and 3-D animations. Languages: French and English

Children
Professor Genius – My Scrapbook of the Human Body
My Notebook of Questions – The Body

The HEART
The heart is a vital organ. As a powerful pump, it propels the blood and marine to circulate through all of the body’s blood vessels. Located in the left center of the rib cage, between the lungs, the heart contracts an average of 70 times per minute, each time pumping 5-6 liters of blood through the vascular system. This organ is essentially divided into four cavities: two auricles and two ventricles.

THE CIRCULATING CYCLE
The cardiac cycle comprises the relaxation stage (diastole) and the contraction stage (systole). It lasts an average of 0.8 seconds in adults and is comprised of two phases: atrial systole and ventricular systole.

The respiratory cycle
The respiratory cycle comprises the inhalation phase and the exhalation phase. The inhalation phase begins with the lowering of the diaphragm and the contraction of the intercostal muscles, causing an increase in the volume of the thoracic cavity. The exhalation phase begins with the contraction of the intercostal muscles and the diaphragm, causing a decrease in the volume of the thoracic cavity. The respiratory cycle is controlled by the respiratory center located in the medulla oblongata of the brain.

The cardiovascular system
The cardiovascular system is a closed circuit that consists of the heart and the blood vessels. The heart is the pump that circulates blood throughout the body. The blood vessels are the conduits that transport blood from the heart to the tissues and organs of the body.

The respiratory system
The respiratory system is responsible for the exchange of gases between the body and the external environment. It consists of the nasal cavities, the pharynx, the larynx, the trachea, the bronchi, the bronchioles, the alveoli, and the capillaries. The exchange of gases occurs in the alveoli, where oxygen from the air is absorbed into the blood and carbon dioxide from the blood is exhaled into the air.

The immune system
The immune system is a complex network of cells, tissues, and organs that work together to protect the body from infections and diseases. It consists of the skin, the mucous membranes, the immune system organs (e.g., thymus, lymph nodes, spleen), and the immune system cells (e.g., white blood cells).

The endocrine system
The endocrine system is a network of glands that produce hormones, which are chemical messengers that regulate various bodily functions. It consists of the hypothalamus, the pituitary gland, the thyroid gland, the parathyroid glands, the adrenal glands, the pancreas, and the sex glands.
Virtual Human Body
A lifelike human body depicted from head to toe

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Application and Web

This interactive anatomical atlas allows the user to view the human body from skin to bones and to learn about anatomical structures.

The stackable interactive navigation window even allows for multiple cross-sectional views to be displayed simultaneously: the interrelationships between the various systems composing the body have never been made so clearly visible!

1,135 defined anatomical terms (approximately 19,000 words, including terms and definitions)

Features
• Navigation by anatomical system
• Powerful search engine
• Overlapping image mode
• Navigation history
• Favorites

Application available for iPhone, iPad and Android
Application available in English, French, German, Italian, Russian, Spanish

Web: www.virtualhumanbody.com
Available in English and French