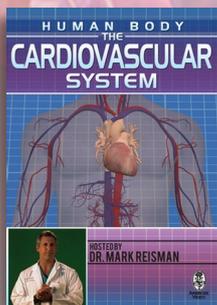


# HUMAN BODY DVD

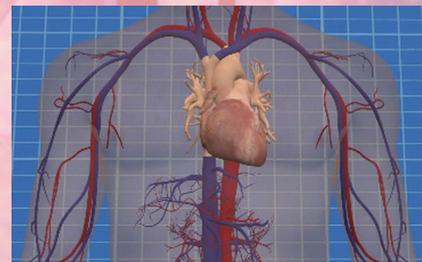
## HUMAN BODY: THE CARDIOVASCULAR SYSTEM



At the centre of the human cardiovascular system is the heart. The human heart is a muscular organ that is a bioengineering marvel. It works flawlessly, 24/7, throughout the lifetime of each individual. See how it delivers blood, a truly miracle substance, to all parts of the human body through a vast network of arteries and veins. Each component of the cardiovascular system's physiology and anatomy is shown in vivid detail.

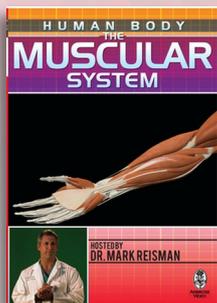
**Chapters:** Arteries and Veins, The Heart, Blood, Cardiovascular Anatomy.

C2010 Closed Caption - 29 minutes



BM-30DH.....\$ 83.66 (Ex.GST)

## HUMAN BODY: THE MUSCULAR SYSTEM



Using the latest in 3-D graphics, medical imaging and cadaver specimens, see the human body's muscular system revealed in ways never seen before.

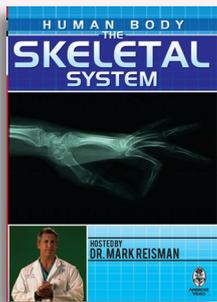
**Chapters:** Introduction, Lever Principle, Muscle and Bone Anatomy, Muscle Chemistry, How Muscles Work, Muscular Anatomy and Physiology, Tendons, Ligaments and Fascia, Knee Anatomy, Muscle Disease, Muscles and Exercise, Involuntary Muscles.

C2010 Closed Caption - 29 minutes



BM-18DH.....\$ 83.66 (Ex.GST)

## HUMAN BODY: THE SKELETAL SYSTEM



The 206 bones of the human skeleton are a miracle of bioengineering. Lightweight and incredibly strong, our bones give us the ability to walk upright, freeing our hands for precise manipulation of objects. See how the skeleton anchors the muscles and protects our essential organs: the heart, lungs, and brain. Learn how the bones themselves are chemical factories producing our red blood cells.

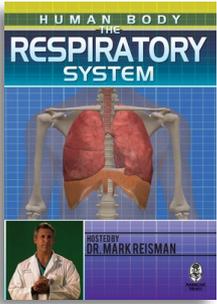
**Chapters:** Introduction, Spine, Bones, Bone Composition, Protective Function of Bone, Pelvis Anatomy, Skull, Bone Joints, Cartilage, Bone Diseases, The Living Bone.

C2010 Closed Caption - 29 minutes



BM-6DH.....\$ 83.66 (Ex.GST)

## HUMAN BODY: THE RESPIRATORY SYSTEM



Breathing brings oxygen, found in the air we live in, into a unique set of organs called the lungs. Deep inside the lungs, that oxygen is transferred into the blood system and is used to power all of our muscles, including the muscles that produce breathing. Dr. Mark Reisman takes you first through the structures of the air passageway, the anatomy and physiology of the lungs themselves, and finally reveals the mechanism of the incredible gas exchange between the respiratory and cardiovascular systems. He explains the many human respiratory disorders.

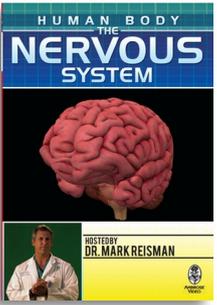


**Chapters:** Breathing, Air Passageway, Respiratory Structures, Gas Exchange, Exhalation, Respiratory Disease.

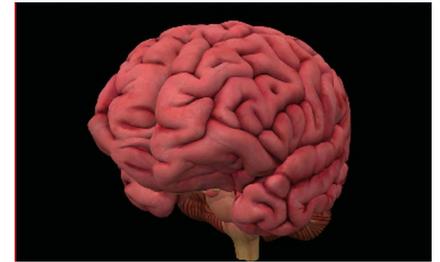
C2010 Closed Caption - 29 minutes

BM-31DH.....\$ 83.66 (Ex.GST)

## HUMAN BODY: THE NERVOUS SYSTEM



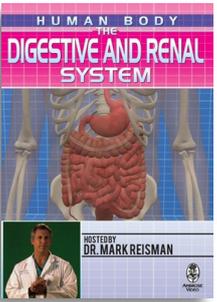
The human nervous system starts with the brain, extends down to the spinal cord, and connects to every part of the body through a vast network of fibers known as the peripheral nervous system. At the heart of this system is the neuron, a specialized cell that carries electrical impulses along neural pathways.



**Chapters:** Evolution of the Brain, The Three Components of the Nervous System, Brain Anatomy, Primitive Brain, Brain Waves, Nervous System Diseases, Spinal Cord Anatomy.

BM-20DH.....\$ 83.66 (Ex.GST)

## HUMAN BODY: THE DIGESTIVE AND RENAL SYSTEM



The human body needs to take in food and water found in the environment, and through an almost miraculous sequence of mechanical and chemical processes, it converts that food into nutrients that sustain all the body's activities. The digestive track alone has nine major organs devoted to this process and the renal track three. Dr. Reisman provides a unique look at the anatomy and physiology of the many organs and structures of digestion. Discover the properties of metabolism and nutrition.

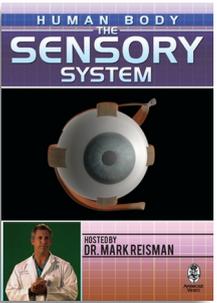


**Chapters:** Introduction, Food and the Bioweb of Energy, Digestive Organs, Food Processes and the Upper Digestive Track, Lower Digestive Track, Internal Disorders, Anatomy and Physiology of the Liver, Gall Bladder and Pancreas, Renal System, Nutrition.

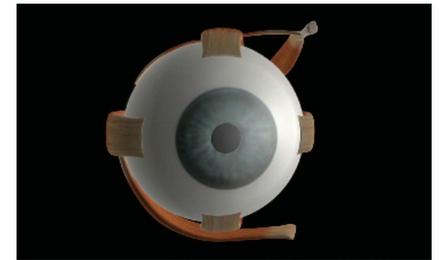
C2010 Closed Caption - 29 minutes

BM-32DH.....\$ 83.66 (Ex.GST)

## HUMAN BODY: THE SENSORY SYSTEM



Touch, taste, smell, hearing and sight - the human body's five major senses. They are senses that have evolved independently over millions of years but are brought together by our marvelous central nervous system into the most refined way of interacting with the environment of any species on the planet. Dr. Mark Reisman provides a unique look at the anatomy and physiology of each of these sensory systems and shows how the brain uses them to produce what we call being human.



**Chapters:** Evolution of the Senses, Touch and Skin, Smell, Taste, Hearing, Sight.

C2010 Closed Caption - 29 minutes.

BM-33DH.....\$ 83.66 (Ex.GST)

**HUMAN BODY: THE REPRODUCTIVE SYSTEM**



Of the body's major systems only the reproductive organs and structures are different in men and women. There is no greater miracle on the planet than the creation of a new life. There is no greater miracle on the planet than the creation of a new life.

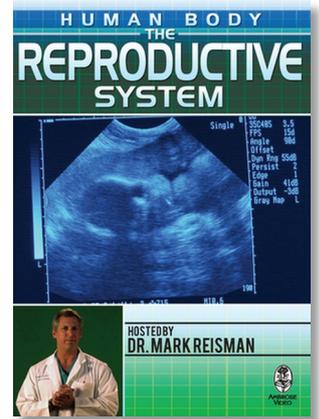
Dr. Mark Reisman takes you through each stage of this miracle, from the genetic basis of life, to the development of sex organs, to the formation of sex cells, to conception, to the emergence of the embryo, to the growth sequence of the fetus, and finally to the birth of a new human life.

**Chapters:** Evolution of Sex, Genetics, Morphogenics and Pregnancy, Female Reproductive Organs, Male Reproductive Organs, Human Mating, Female Puberty, Male Puberty, Sex.

C2010 Closed Caption - 29 minutes

BM-34DH.....\$ 83.66 (Ex.GST)

**BEST SELLER**



**Human Body - Complete Set of 8 DVD**

AB-21H.....\$ 499.84 (Ex.GST)

**VISUALISING HUMAN PHYSIOLOGY - Introduction to the Human Machine**

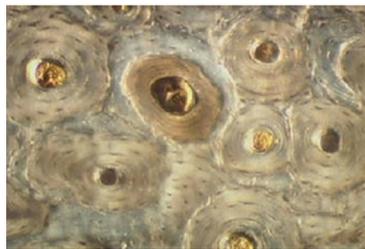
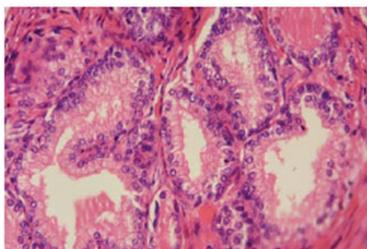


Human beings, like every living organism, are driven by two inherent needs – to survive, and ultimately, to reproduce – that is – to pass our genes on to the future of our species.

To accomplish the goals of survival and reproduction we have inherited bodies finely crafted by evolution so that every one of us, every individual human organism, is an organic super factory – a living machine made up of systems that process fuel, build products, repair damage, expel waste, and defend against invaders.

In this premiere program, the complex physiological systems of the human body are introduced – muscular movement, digestion, circulation, respiration, nerves, glands, immunity, and reproduction. The cellular basis of life, and the importance of carbon in organic chemistry are illustrated and explained.

C2010 Closed Caption - 15 minutes



BM-4DH.....\$ 87.54 (Ex.GST)