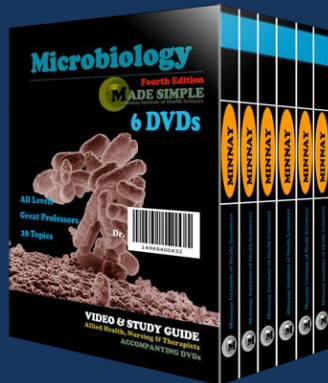




DVDs & Video

Lecture Series

Microbiology



Principles of Microbiology (Full Course–One Semester)

This 6 DVD pack video covers the principles of microbiology, the study of microorganisms, which are unicellular or cell-cluster microscopic organisms, disease and none disease causing. This includes eukaryotes such as fungi and protists, and prokaryotes, which are bacteria and Achaea. Viruses, though not strictly classed as living organisms, are also studied. These DVDs package includes bacteriology, virology, mycology, parasitology and other branches of infectious diseases system by system.

Understanding Infectious Diseases and their Mechanism

This video covers parasitism and pathogenicity. The development of a disease state is a dynamic process that is dependent on the virulence of the pathogen and the resistance of the host. This dynamic process is illustrated in the discussions of viral and bacterial pathogenesis. The infectious diseases that affect the different systems i.e. skin, nervous, cardiovascular, lymphatic, respiratory, digestive and reproductive systems. The characteristic and behavior of the disease and microorganisms are discussed.

Microbial Growth and Control

This DVD describes the basic nature of microbial growth. Several methods for the measurement of microbial growth are described, as are different systems for studying microbial growth. The influence of various environmental factors on the growth of microorganisms is discussed the control and the destruction of microorganisms by physical and chemical agents. This is a topic of great importance, because microorganisms may have deleterious effects, such as food spoilage and disease. It is therefore essential to be able to kill or remove microorganisms from certain environments in order to minimize their harmful effects.

An Introduction to Microbiology

This DVD introduces the field of microbiology and discusses the importance of microorganisms not only as causative agents of disease but also as important contributors to food production, antibiotic manufacture, vaccine development, and environmental management. It presents a brief history of the science of microbiology, an overview of the microbial world, a discussion of the scope and relevance of microbiology in today's society, and predictions about the future of microbiology.

The Chemical Principles

This DVD introduces some basic concepts of chemistry, a science that studies the composition of substances and the changes that occur as basic elements combine. It explains how substances combine to make up matter in relationship to microbial processes.

Observing Microorganism using Microscope

This DVD provides a relatively detailed description of the bright-field microscope and its use. Other common types of light microscopes are also described. Following this various procedures for the preparation and staining of specimens are introduced. The DVD continues with a description of the two major types of electron microscopes and the procedures associated with their use. It concludes with descriptions of recent advances in microscopy: confocal microscopy and scanning probe microscopy

Functional Anatomy of Microorganisms

This DVD covers the description of the prokaryotic cell, focusing primarily on the bacterial cell. The term prokaryote is used to mean both bacteria and archaea. The general features of size, shape, and arrangement of prokaryotic cells. Then biological membranes and the specific features of prokaryotic membranes are given. Important internal structures of prokaryotes, such as the cytoplasmic matrix, ribosomes, inclusion bodies, and the nucleoid are described, as well as structures external to the cell, such as the cell wall, glycocalyx, fimbriae, and flagella. The differences between the cell walls of gram-positive bacteria and gram-negative bacteria are discussed and the mechanism of this differential staining reaction is explained. The DVD concludes with a discussion of bacterial chemotaxis and bacterial endospores.

Microbial Metabolism

This DVD describes the basic nutritional requirements of microorganisms. Cells must have a supply of raw materials and energy in order to construct new cellular components. This DVD also describes the processes by which microorganisms acquire nutrients and provides information about the cultivation of microorganisms.

Microbial Growth

This DVD describes the basic nature of microbial growth. Several methods for the measurement of microbial growth are described, as are different systems for studying microbial growth. The influence of various environmental factors on the growth of microorganisms is discussed and the DVD ends with a consideration of microbial growth in natural environments.

Control of Microbial Growth

This DVD focuses on the control and the destruction of microorganisms by physical and chemical agents. This is a topic of great importance, because microorganisms may have deleterious effects, such as food spoilage and disease. It is therefore essential to be able to kill or remove microorganisms from certain environments in order to minimize their harmful effects.

Microbial Genetics

This DVD presents the basic concepts of molecular genetics: storage and organization of genetic information in the DNA molecule, mutagenesis, and repair. The role of microorganisms in screening procedures for mutagenic agents is also described. Primary emphasis is given to the genetics of bacteria.

Biotech and Recombinant DNA Technology

This DVD focuses on practical applications of the microbial genetic principles discussed in previous DVDs. Although we have been altering the genetic makeup of organisms for centuries and nature has been doing it even longer, only recently have we been able to manipulate DNA directly using genetic engineering or recombinant DNA technology. The potential benefits of these techniques are great and affect such diverse areas as medicine, agriculture, and industry. However, the use of these techniques is not without risks, and these risks must be considered in any discussion of this technology.

Microbial classification and Taxonomy

Microorganisms are tremendously diverse in size, shape, physiology, and lifestyle. This DVD introduces the general principles of microbial taxonomy and presents an overview of the current classification scheme. Subsequent DVDs will examine the various groups of microorganisms in greater detail.

Prokaryotes: Bacteria

This DVD is devoted to some of the more interesting and important bacterial phyla from volumes 1 and 5 of the 2nd edition of Bergey's Manual of Systematic Bacteriology. The distinguishing characteristics, morphology, reproduction, physiology, and ecology of each phylum are included. The taxonomy of each phylum is summarized and representative species are briefly discussed.

Eukaryotes: Fungi, Protozoan and Worms.

This DVD discusses the characteristics of the members of the Fungi, Protozoan and Parasitic Worms. The diversity of these organisms is described, and their ecological and economic impact is discussed.

Viruses, Virioids and Prions

Viruses are generally small, acellular entities that usually possess only a single type of nucleic acid and that must use the metabolic machinery of a living host in order to reproduce. Viruses have been and continue to be of tremendous importance for a variety of reasons: many human diseases have a viral etiology; the study of viruses has contributed greatly to our knowledge of molecular biology; and the blossoming field of genetic engineering is based on discoveries in the field of virology. This DVD focuses on the general properties of viruses, virioids and infectious proteins i.e. Prions and the development of the science of virology, and the methodology used to study them.

Disease Principles and Epidemiology

This DVD covers the different stages and manifestation of disease process and also the epidemiological parameters used to institute effective control, prevention, and eradication measures within an affected or potentially affected population. This DVD also discusses the epidemiology of hospital-acquired (nosocomial) infections, which have been of increasing concern in recent years.

Mechanisms of Pathogenicity

This DVD focuses on parasitism and pathogenicity. The development of a disease state is a dynamic process that is dependent on the virulence of the pathogen and the resistance of the host. This dynamic process is illustrated in the discussions of viral and bacterial pathogenesis.

Host Defense Mechanism and Immunology

This DVD focuses on nonspecific and specific immunity, a complex process involving mechanical, chemical barriers, inflammation, pathocytosis etc and interactions of the antigens of a pathogen with antigen-receptors and antibodies of a host. These interactions trigger a series of events that either destroy the pathogen or render it harmless. Most of the DVD is devoted to discussions of the functional cells and molecules of specific immunity. During the discussion, the various connections between these cells and molecules are drawn and linked to other types of immune responses. The DVD concludes with a discussion of the ways these responses protect higher animals against viral and bacterial pathogens

Antimicrobial Drugs

The control or the destruction of microorganisms that reside within the bodies of humans and other animals is of tremendous importance. This DVD introduces the principles of chemotherapy and discusses the ideal characteristics for successful chemotherapeutic agents (including the concept of selectively damaging the target microorganism while minimizing damage to the host). The DVD also presents characteristics of some commonly used antibacterial, antifungal, and antiviral drugs.

Diseases of the Skin, Eye, Nervous, Cardiovascular and Lymphatic Systems

This video covers the infectious diseases that affect the skin, nervous, cardiovascular and lymphatic systems. The characteristic and behavior of the disease and microorganisms are discussed.

Diseases of the Respiratory, Digestive and Reproductive Systems

This video covers the infectious diseases that affect the Respiratory, Digestive and Reproductive Systems. The characteristic and behavior of the disease and microorganisms are discussed.

Applied and Industrial Microbiology

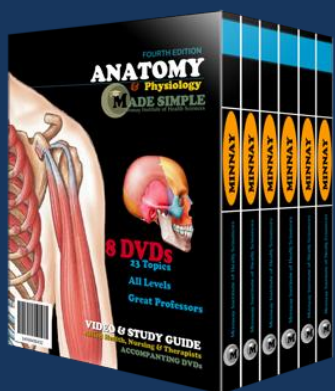
This DVD covers the microorganisms associated with foods especially those microorganisms that are associated with food spoilage, some are disease-causing organisms that are transmitted via foods, and some are used in the production of foods.

Environmental Microbiology

This DVD introduces the fact since microbes are found in all habitat, they are responsible for recycling elements such as Carbon, Sulfur and Nitrogen and also decomposition of organic matter.



Anatomy & Physiology



Anatomy & Physiology I & II

This 8 DVD package covers all the 24 topics taught in the principles of Human Anatomy and Physiology at the college, undergraduate and professional level. It details the presentations of the anatomical structures and physiological relationships to function. It covers all topics that are covered in 2 regular semesters at the university or college level depth; describes microscopic and gross structures, physiological concepts and system by system coverage of the Human Body.

Anatomy and Physiology I

This 4 DVD package covers the first part of the principles of Human Anatomy and Physiology. It presents the anatomical structures and physiological relationships to function. It covers all topics that are covered in 1st regular semester at the university or college level depth; describes microscopic and gross structures, physiological concepts and system by system coverage of the Human Body. Topics range from Introduction to Human Anatomy and Physiology to Endocrine System.

Anatomy and Physiology II

This 4 DVD pack video covers the second part of principles of Human Anatomy and Physiology. It presents the anatomical structures and physiological relationships to function. It covers all topics that are covered in 2nd regular semester at the university or college level depth; describes microscopic and gross structures, physiological concepts and system by system coverage of the Human Body. Topics range from Nervous System to Growth and Human Development.

Anatomy and Physiology for Cardiopulmonary Therapist/Specialists

This video covers the principles of human anatomy and physiology. It presents the anatomical structures and physiological relationships to function. It covers major topics that are covered in Cardio-Pulmonary Programs in depth at the university or college level depth; describes microscopic and gross structures, physiological concepts and whole Cardiovascular and Respiratory Systems coverage.

Cardiovascular System (Blood, Heart & Vessels)

This DVD covers the system that transports blood to and from cells—the cardiovascular system. It identifies the major organs of the cardiovascular system and explains the function of each organ. Study of the cardiovascular system is essential for understanding how each part of the body is supplied with the materials it needs to sustain life. The organs covered in details include Heart structure and its physiological function, Blood and its composition and Blood vessels featuring the principles of hemodynamics.

An Introduction to Anatomy and Physiology

This DVD defines the characteristics and needs common to all living things and the manner in which the human body is organized to accomplish life processes. The language peculiar to anatomy and physiology is also introduced.

The Chemical Level of Organization

This DVD introduces some basic concepts of chemistry, a science that studies the composition of substances and the changes that occur as basic elements combine. It explains how substances combine to make up matter.

Cellular Level of Organization and Metabolism

This DVD deals with the basic unit of structure of the human body and the cell. It explains the makeup of a composite cell and the contribution of each of the organelles to cellular function and two basic cellular processes: the utilization of energy and the use of genetic information to control cell processes. Specifically, this DVD discusses how enzymes control cell metabolism, how energy is released and made available to the cell, and how carbohydrates, lipids, and proteins are metabolized.

The Tissue Level of Organization

The characteristics of a tissue remain the same regardless of where it occurs in the body. Knowledge of these characteristics is basic to understanding how a specific tissue contributes to the function of an organ.

The Integumentary System

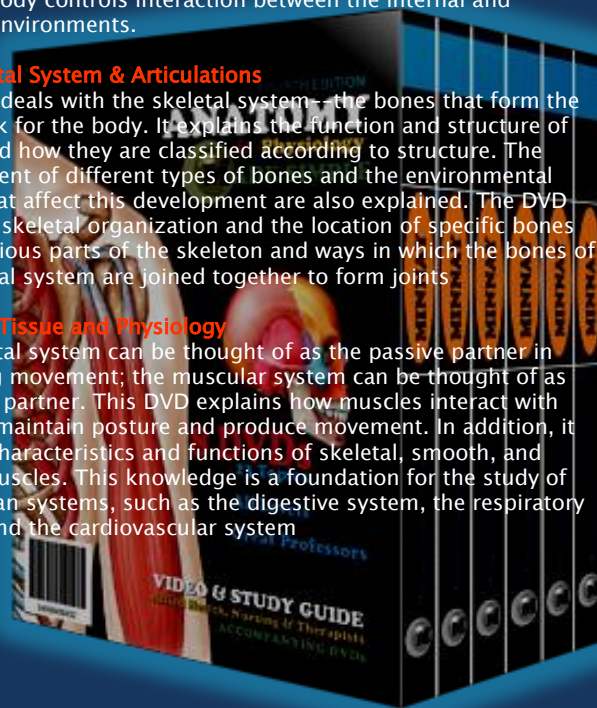
Study of the Integumentary System is essential to understanding how the body controls interaction between the internal and external environments.

The Skeletal System & Articulations

This DVD deals with the skeletal system—the bones that form the framework for the body. It explains the function and structure of bones, and how they are classified according to structure. The development of different types of bones and the environmental factors that affect this development are also explained. The DVD describes skeletal organization and the location of specific bones within various parts of the skeleton and ways in which the bones of the skeletal system are joined together to form joints.

Muscular Tissue and Physiology

The skeletal system can be thought of as the passive partner in producing movement; the muscular system can be thought of as the active partner. This DVD explains how muscles interact with bones to maintain posture and produce movement. In addition, it tells the characteristics and functions of skeletal, smooth, and cardiac muscles. This knowledge is a foundation for the study of other organ systems, such as the digestive system, the respiratory system, and the cardiovascular system.



Nervous System/Neurobiology

The human body uses two systems to coordinate and integrate the functions of the other body systems so that the internal environment remains stable. These systems are the nervous system and the endocrine system. It includes the structure and function of the central nervous system and its coverings, the structure and function of the peripheral nervous system, and the structure and function of the autonomic nervous system .

Special Senses

This DVD deals with specialized parts of the nervous system that allow the body to assess and adjust to the external environment. It describes the types of receptors and their locations, structures, and functions in maintaining homeostasis.

The Endocrine System

The endocrine system, like the nervous system, controls body activities to maintain a relatively constant internal environment. The methods used by these two systems are different. This DVD describes the difference between endocrine and exocrine glands, the location of the endocrine glands, and the hormones they secrete and actions in different organs and systems.

Cardiovascular System: Hematology (Blood)

This DVD deals with the system that transports blood to and from cells—the cardiovascular system. It identifies the major organs of the cardiovascular system and explains the function of each organ. Study of the cardiovascular system is essential for understanding how each part of the body is supplied with the materials it needs to sustain life.

Cardiovascular System: Heart

This DVD deals with the Heart as the pump of blood. The heart is the vital organ of life and problems with its function can be fatal with minutes. This DVD covers the presentation that identifies the major organ's anatomy and physiology such cardiac output, conduction systems, ECG, stroke volumes and factors that control them.

Cardiovascular System: Blood Vessels

This DVD deals with the Blood Vessels as the pipes of blood. It identifies the major anatomical make up and physiological factors that affect blood pressure, venous return and general principles of hemodynamics.

The Lymphatic System and Immunity

The lymphatic system has two major functions: (1) it helps maintain fluid balance in the tissues of the body, and (2) it has a major role in the defense against infection. This DVD describes the general functions of the lymphatic system. In the discussion of fluid balance, this DVD describes the major lymphatic pathways, lymph formation, and circulation. In discussing the defense function, it explains lymph nodes, their location, and their function. Specific and nonspecific body defenses and the functions of the thymus, spleen, lymphocytes, and immunoglobulins (antibodies) are discussed. Various types of immune responses, including primary and secondary responses, active and passive responses, allergic reactions, and tissue rejection reactions, are also explained.

The Respiratory System

The respiratory system permits the exchange of oxygen needed for cellular metabolism for carbon dioxide, which is a by-product of cellular metabolism. This DVD describes the location and function of the organs of the respiratory system and explains how they contribute to the overall function of the system. Respiratory and nonrespiratory air movements, respiratory volumes and capacities, and how normal breathing is controlled are discussed. Gas exchange and transport, and oxygen utilization by the cell are discussed.

The Digestive System

This DVD is about the digestive system, which processes food so that nutrients can be absorbed and utilized by the cells. It names the organs of the digestive system and describes their locations and functions. The structure, movement, and digestive mechanisms of the alimentary canal are explained. The function and regulation of the secretions of the digestive organs are introduced and how nutrients are absorbed from the alimentary canal.

Nutrition, Metabolism and Energetics

This DVD presents some basic concepts of nutrition. It defines nutrition and primary and secondary malnutrition. It describes the utilization, function, and sources of proteins, carbohydrates, lipids, vitamins, and minerals. It explains nitrogen balance, energy, energy value of foods, basal metabolic rate, adequate diet, and desirable weight.

The Urinary System

This DVD is about the urinary system, which plays a vital role in maintaining the internal environment by excreting nitrogenous waste products and by selectively excreting or retaining water and electrolytes. It identifies, locates, and describes the functions of the organs of the urinary system. It explains the structure and function of the nephron—the basic unit of function of the kidney. It traces the pathway of blood through the blood vessels of the kidney, explains how glomerular filtrate is produced, and discusses the role of tubular reabsorption in urine production and the cause of change in the osmotic concentration of the glomerular filtrate of the renal tubule . It also describes the role of tubular secretion in urine formation. It discusses the structure of the ureters, urinary bladder, and urethra, and how they function in micturition

Fluid, Electrolyte, and Acid-Base Balance

This DVD presents the roles of several body systems in maintaining proper concentrations of water and electrolytes. Water and electrolyte balance is defined, and the importance of this balance is explained. This DVD tells how water enters the body, how it is distributed in various body compartments, and how it leaves the body. It explains how electrolytes enter and leave the body and how their concentration is regulated. This DVD describes acid-base balance, mechanisms regulating this balance, and the etiology and treatment of acid-base disturbances

The Reproductive System

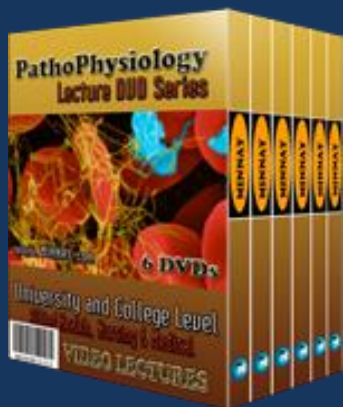
This DVD explains the reproductive system—a unique system because it is essential for the survival of the species rather than for the survival of the individual. The structures and functions of the male and female reproductive systems are explained. This DVD describes the structures of the ovary and testis, and how they produce sex cells. It traces the paths of both the egg and sperm, and describes the hormonal controls and accessory organs needed for the sperm and egg to unite. The DVD describes the events of the menstrual cycle, and it explains the major events of pregnancy.

Development and Inheritance

This DVD is about growth, which is an increase in size, and development, a process by which an individual changes from one life phase to another. This DVD explains the major events of prenatal life: the period of cleavage, the origin of primary germ layers, the formation and function of the placenta, and the events of the fetal stage. The physiological shifts necessary for a newborn while adjusting to postnatal life are discussed.



Pathophysiology



Pathophysiology Full Package

This is 6 DVD package that examine the phenomena that produce alterations in human physiologic function and the resulting human response. Viewers will understand pathophysiological changes, including how pathological processes are manifested, progress in the body, and primary and secondary effects. Focus is put on pathological factors that influence the disease process. In order to discuss and comprehend the vast amount of information covered in these DVDs it's advised that you pause and refer either to the textbooks or your class notes, or study materials provide here. Students must have an understanding of normal functions of the body systems in order to understand the abnormal functions and manifestations of the disease process; therefore, Anatomy and Physiology I and II is essential. This video package covers the principles of Pathophysiology.

Pathophysiology of the Cardiovascular System

This video covers details of cardiovascular system disorders that includes but not limited to Vascular diseases, Disorders of the heart, Valvular Disfunctions, Heart Disease and Failure, Arrhythmias, Shocks, Congenital heart disease and Acquired cardiovascular disorders

Foundations of Pathophysiology

This is an introductory video that covers three chapters, Introduction of Pathophysiology, Inflammation and Cancers (Neoplasm). The Introduction to Pathophysiology covers; Homeostatic Relationships, Cell Structure and Function Cellular adaptation, Cellular injury, Manifestations of cellular injury, Cellular aging and death. Inflammation and Innate defenses covers Acute inflammation: vascular changes, cellular components, local and systemic, Chronic inflammation: role of the lymph system, systemic manifestations, Tissue Repair, Cellular regeneration, and Dysfunctional wound healing together with detail account of Fever and Its causes. Cancers and Neoplasm cover cellular proliferation, Cancer Characteristics, classification and nomenclature, Etiology such as genetic mutations , viral, epidemiology, and environmental and Metastasis.

The Introduction to Pathophysiology

This DVD presents the Homeostatic Relationships of the cell, cell structure and function cellular adaptation, cellular injury, manifestations of cellular injury, cellular aging and death.

Inflammation and Its Responses

This DVD cover the Inflammation and Innate defenses, the presentations describe acute inflammation: vascular changes, cellular components, local and systemic, Chronic inflammation: role of the lymph system, systemic manifestations, Tissue Repair, Cellular regeneration, and Dysfunctional wound healing together with detail account of Fever and Its causes.

Cancers and Neoplasm

This DVD covers cellular proliferation that causes tumors and neoplasm, cancer characteristics, classification and nomenclature, Etiology such as genetic mutations , viral, epidemiology, and environmental and Metastasis

Pathophysiology of the Hematologic System

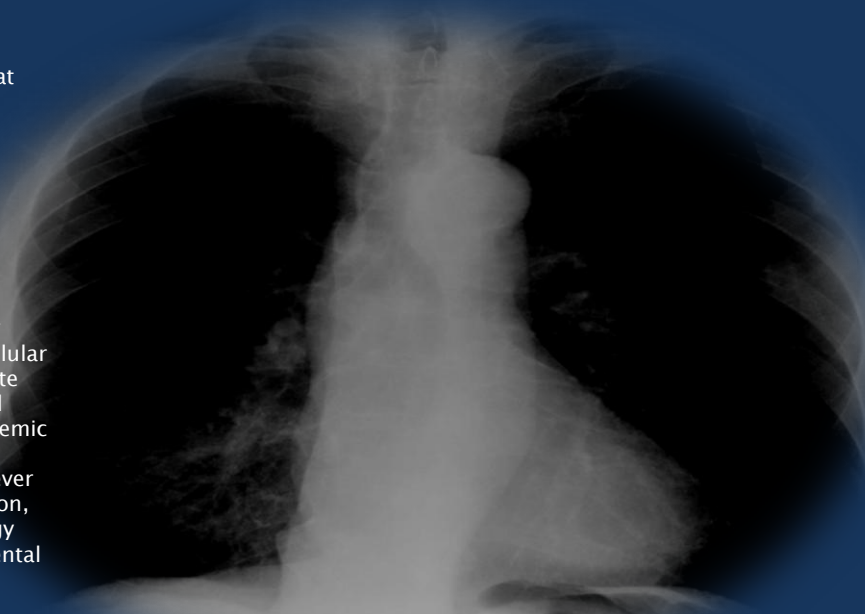
This video covers the Altered Leukocytic Function, Altered Erythrocytic Function, Hematologic disorders: blood dyscrasia, Leukemia and lymphoma. Alteration in coagulation such as hemorrhage and thrombosis, Cerebral vascular accident, transient ischemic accident, Thrombocytopenia, and Polycythemia.

Pathophysiology of Immune System Disorders

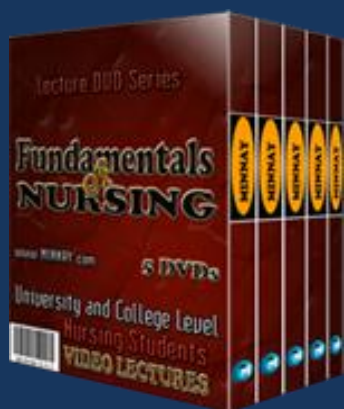
This video covers details of specific immunity especially the Cell immunity: cell mediated immune response and the Humoral Mediated Immune response. Other covered areas include Hypersensitivity, Infection, and Deficiencies: immunodeficiency diseases, Autoimmune diseases.

Pathophysiology of the Respiratory (Pulmonary) system

This video covers the Pathophysiology of the Respiratory disease these include the restrictive and obstructive conditions, Acute respiratory distress and pulmonary edema, Chronic obstructive pulmonary disease (COPD), Ventilation Mismatches, Asthma, and Respiratory infections. This DVD is also a good review for the Anatomy and Physiology of the Respiratory System as it covers the basic structure and function of the renal system.



Fundamental of Nursing



Fundamentals of Nursing DVDs

This 5 DVD pack introduces concepts basic to beginning nursing practice. Emphasis is placed on the application of the nursing process to provide and manage care as a member of the discipline of nursing. This DVD package covers all the topics taught in the college and undergraduate level nursing level LPN/LVN, RN and BSN, this includes End of Life, Chronic Illness, Functional Assessment, Pain and comfort, Cultural Diversity, Community Based Nursing and Sensory alterations.

End of Life

One of the most difficult realities that nurses face is that, despite our very best efforts, some patients will die. Although we cannot change this fact, we can have a significant and lasting effect on the way in which patients live until they die, the manner in which the death occurs, and the enduring memories of that death for the families. This DVD provides the knowledge about end-of-life decisions and principles of care is essential to supporting patients during decision making and in end-of-life closure in ways that recognize their unique responses to illness and that support their values and goals.

Chronic Illness

Chronic health problems affect people of all ages. They occur in the very young, the middle-aged, and the very old. Chronic conditions do, however, increase in frequency with age, and elderly people often have multiple chronic disorders. Chronic illnesses are found in all socioeconomic, ethnic, cultural, and racial groups; certain diseases, however, occur more frequently in some groups than in others. Native Americans between the ages of 45 to 64, for example, have a higher mortality rate from diabetes and cirrhosis than Caucasians in the same age range poor and lacking adequate health care coverage decreases the likelihood of receiving preventive screening measures such as mammography, cholesterol testing, and routine check-ups. Although some chronic conditions have little effect on quality of life, others have a considerable effect because of related disability. This DVD provides a detailed insight on chronic illness in nursing perspective.

Functional Assessment

Growth is physical change and increase in size. It can be measured quantitatively. The pattern of physiologic growth is similar for all people. However, growth rates vary during different stages of growth and development. The growth rate slows during childhood, and physical growth is minimal during adulthood. Development is an increase in the complexity of function and skill progression. It is the capacity and skill of a person to adapt to the environment. Development is the behavioral aspect of growth; for example, a person develops the ability to walk, to talk, and to run. This DVD gives an understanding that growth and development are independent, interrelated processes. For example, an infant's muscles, bones, and nervous system must grow to a certain point before the infant can sit up or walk.

Pain and Comfort

Pain is an unpleasant sensation caused by noxious stimulation of sensory nerve endings, usually as a result of disease or injury. Pain is adaptive in that it signals that something is wrong. Pain is subjective and highly individualized: "Pain is whatever the experiencing person says it is, existing whenever he says it is and does". Pain is a leading cause of disability and is often the reason for seeking health care. This DVD provides knowledge on how to manage and comfort pain.

Cultural Diversity

Our society is made up of widely diverse groups of people. By the year 2080, over half the population of the U.S. will consist of people who are from what have traditionally been considered minority groups. A transcultural care perspective is now considered essential for quality nursing care. A transcultural care perspective depends, in part, on nurses' understanding of their own cultural beliefs and biases. This DVD focuses on the importance that individuals within a group vary greatly, and an individual will not share all the characteristics common to her/his cultural group.

Community Based Nursing

Community-based nursing care is nursing care directed toward specific individuals and families within a community. It is designed to meet needs of people as they move between and among health care settings. It is about how the nurse practices, not where the nurse practices. This DVD shows that it is based on the individual and the family has primary responsibility for health care decisions, and health and social issues are acknowledged as interactive. It also conceptualizes that treatment effectiveness, rather than the technologic imperative, drives decisions. It extends beyond institutional boundaries and involves a network of nursing services: nursing wellness centers, ambulatory care, acute care, and long-term care nursing services, and home health and hospice services.

Sensory Alterations

A variety of factors such as disease or aging can interfere with the reception and perception of stimuli. Sensoriperceptual alterations can be categorized as confusion/disorientation, decreased level of consciousness, sensory deprivation, sensory overload, and sensory deficits. This DVD covers in DVDs an understanding and nursing care to the individuals with alteration of reception and perception.



Nurse Aide



Introduction to health care

Knowledge of the role, function, legal limitations, expected qualities, personal habits and obligations is important to provide quality care. This DVD also explores the types, purposes and organizational structure of health care facilities that employ nurse aides

Communication and interpersonal Skills

Nurse aides communicate with residents, families, visitors and co-workers. Nurse aides must frequently send and receive information about the care and observation of residents, report thoughts and feelings as clearly and objectively as possible and interact effectively with others.

Infection Control

Infection control is one of the most important aspects of environmental safety. Nurse aides have the responsibility to understand and follow the facility's infection control policies and procedures. This DVD introduces medical asepsis, Standard Precautions and care of the resident on Transmission-Based Precautions.

Safety and Emergency Procedures

Personal safety and the well-being of residents is a vital component of the health care system. If safety rules are ignored, the nurse aide or another individual could be seriously injured or die. This DVD explores general safety rules, safety measures that prevent accidents, fire safety and prevention, disaster plans, and responsibility in emergency situations. The nurse aide is expected to respond immediately and effectively to illness, injury, and life-threatening circumstances.

Ethical and Legal Issues

As a member of the health care team, the nurse aide will frequently be faced with ethical and legal decisions that govern his or her actions. Knowledge of ethical standards, resident's rights and legal issues are important for the protection of nurse aides, employers, and residents

Nutrition and Hydration

This DVD introduces the nurse aide to the basic principles of nutrition and emphasizes the functions of the major nutrients required for health. This DVD covers the Food Guide Pyramid, the use of therapeutic diets, adaptive devices, alternative methods of feeding, providing water and nourishments, the procedure for feeding a resident, and the effects of good nutrition and poor nutrition.

Common Diseases and Conditions of Body Systems

This DVD reviews the structure and function of the body and its systems. It presents common disorders of each system and lists the normal changes that occur with the aging process. It includes signs and symptoms which should be reported. A basic knowledge of normal anatomy and physiology will help the nurse aide to understand the signs and symptoms of disease, the reasons for the care given, and the purposes of procedures that are carried out for the resident's comfort, healing and recovery.

The Residents Environment

Surroundings that are pleasant and contain personal possessions add to the residents' comfort and sense of well-being. The nurse aide's job is to keep the resident's unit safe and clean and to create an environment that fosters independence, contentment and self-esteem. This DVD reviews environmental control, the resident's room, cleaning the unit, and bedmaking.

Personal care and Grooming: Relationship To self-Esteem

Nurse aides are the members of the health care team responsible for providing personal care and grooming for the resident. They encourage the resident to do as much as possible for themselves, but assist as needed with personal cleanliness, oral hygiene, nail care, shaving, dressing, care of hair and skin care. Personal grooming is important for a positive self-image and every effort should be made to encourage and assist the resident to maintain a pleasing and attractive appearance.

Basic Nursing Skills

This DVD introduces the basic nursing skills the nurse aide will need to measure and record the resident's vital signs, height and weight, and intake and output. The vital signs provide information about changes in normal body function and the resident's response to treatment. The resident's weight, compared with the height, gives information about his/her nutritional status and changes in the medical condition. Intake and output records provide information on fluid balance and kidney function.

Resident care Procedures

Residents frequently require assistance to meet their normal elimination needs. They may also require special procedures that the nurse aide will perform:-

This DVD explores:

- helping the resident to the bathroom;
- assisting with use of the bedside commode, bedpan and urinal;
- providing catheter care and emptying a urinary drainage bag;
- collecting a routine urine specimen;
- applying and caring for condom catheters;
- collecting a stool specimen;
- administering cleansing enemas;
- applying warm or cold applications, elastic bandages, elastic stockings (TED hose) and non-sterile dressing;
- and assisting with coughing and deep breathing exercises.



Caring for Resident when death is Imminent and Following Death

Death is defined as the final stage of life. The nurse aide will need to develop a realistic attitude toward the topic of death to meet the physical and psychological needs of the resident and the family as they experience the dying process. This DVD also includes care of the body following death.

Basic restorative services

This DVD explores various aspects of restorative care and the role of the nurse aide in this process. Disease, injuries and surgery are often responsible for the loss of a body part or the loss of bodily function. Working with the elderly and disabled requires a great deal of patience, caring and understanding from health care workers. Working together to assist the resident to attain the highest possible level of functioning can be a very challenging and rewarding experience.

Prevention of Pressure Ulcers

As a direct care giver, the nurse aide will be the key team member in the prevention of pressure ulcers. Knowledge of the relationship between blood supply and tissue destruction, as well as the skills necessary to properly position residents to minimize the effects of pressure, are essential.

Restraints

Under OBRA, residents have a right to be free from restraints. As a member of the multidisciplinary team, the nurse aide plays an integral role in achieving a restraint free environment. When alternatives to restraints are not effective, however, and the physician orders restraints, it becomes essential for the nurse aide to know the risks involved in caring for these residents.

Psychological Effects of Aging

This DVD deals with the feelings, emotional stress and psychological adjustments that are part of the aging process. It explores the physical and psychosocial needs of residents, and teaches the skills that the nurse aide will need to develop to provide understanding and compassionate care. Other topics covered include: age appropriate behavior, sexuality, reality orientation, dementia, Alzheimer's disease, confusion and developmental disabilities.

Clinical Competence DVD

Clinical Skill Based Training DVDs are designed to demonstrate all the skills that CNA need to master before going to the skill based exam. The DVDs demonstrate each skill in details and makes it easy for those who need an extra teaching of the skills or student who prefer not to attend traditional classes for training sessions. Among other competency requirements, there are presently 24 specific nursing skills that must be learned for a nurse aide student to become a CNA (Certified Nurse Aide). These 24 skills are taught through demonstration and practice to all students attending the NURSE AIDE TRAINING PROGRAM or watching this DVD. Testing on any of these skills may occur when a graduate of the program takes the Nurse Aide Competency & Evaluation exams (State Boards).

- Skill 1- Washes Hands
- Skill 2- Knee-High Elastic Stocking on Client
- Skill 3- Assists Client to Ambulate Using Gait Belt
- Skill 4- Assists Client with Use Of Bedpan
- Skill 5- Cleans and Stores Dentures
- Skill 6- Counts and Records Radial Pulse
- Skill 7- Counts and Records Respirations
- Skill 8- Use of Personal Protective Equipment
- Skill 9- Dresses Client with Affected Right Arm
- Skill 10- Feeds Client Who Cannot Feed Self
- Skill 11- Gives Modified Bed Bath
- Skill 12- Makes an Occupied Bed
- Skill 13- Measures and Records Blood Pressure
- Skill 14- Measures and Records Urinary Output
- Skill 15- Measures and Records Weight of Ambulatory Client
- Skill 16- Performs Passive Range of Motion for One Knee and One Ankle
- Skill 17- Performs Passive Range of Motion for One Shoulder
- Skill 18- Positions Client on Side
- Skill 19- Provides Catheter Care
- Skill 20- Provides Fingernail Care on One Hand
- Skill 21- Provides Foot Care on One Foot
- Skill 22- Provides Mouth Care
- Skill 23- Provides Perineal Care for Female Client
- Skill 24- Transfers Client from Bed to Wheelchair



DVDs Courses In Development

Other DVDs currently developed include:

1. Pharmacology and Drug Calculations
2. Nursing Core
 - a. Medical Surgical Nursing
 - b. Maternity and Newborn Nursing
 - c. Mental Health and Psychiatry
 - d. Physical and Health Assessment
 - e. Trends in Professional Nursing Practice
3. General Biology
4. Chemistry (Inorganic, Organic and Biochemistry)
5. Basic Statistics for Health Professionals
6. Immunology
7. Medical Terminology
8. Psychology (Introduction and Abnormal)
9. Kinesiology
10. Massage Modalities
11. EKG Skills
12. Phlebotomy Skills

Other Categories Available

1. Career and Employment
2. Parenting and Family
3. Business and Finances
4. Health and Nutrition
5. Personal and Self Improvement

