

NURS 6501 Final Exam Review Guide (Weeks 7-11)

Concepts of Neurological and Musculoskeletal Disorders

- Pathophysiology of diseases that not only affect the nervous system and can secondarily impact the musculoskeletal system.
- The pathophysiological structure, function, and alterations in the MS system
- Pathophysiological changes of Lyme's Disease in adults
- Alterations in cognitive systems to include confusion states, delirium, and Parkinson's Disease.
- Structure and Function of the Cardiovascular and Lymphatic Systems
- Pathophysiological changes related to Pain, Temperature Regulation, Sleep, and Sensory Function
- How does patient characteristics such as racial and ethnic variables impact altered physiology?
- How does the pathophysiology of spinal injuries impact patients?
- What is the impact of patient characteristics on disorders and altered physiology.

Common Neurological and MS disorders and the pathophysiological nature of these issues in adults and children:

Stroke Multiple sclerosis Transient Ischemic
Attack Myasthenia gravis Headache Seizure
disorders Head injury Spinal cord injury
Inflammatory diseases of the musculoskeletal
system Osteoporosis Osteopenia Bursitis
Tendinitis Gout Lyme Disease

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Spondylos

is

Fractures

Parkinson'

s

Alzheimer'

s

Three basic bone-

formations: Osteoblasts

Osteocytes Osteoclasts

Concepts of Psychological Disorders

- What are the connections between biological factors and psychological disorders as they affect factors such as substance abuse?
- The pathophysiological changes in Neurobiology of Schizophrenia, Mood Disorders, Anxiety Disorders, and Obsessive-Compulsive Disorder

Common psychological disorders and the pathophysiological nature of these issues in adults and children:

Generalized anxiety

disorder Depression

Bipolar disorders

Schizophrenia Delirium

and dementia Obsessive

compulsive disease

Women's and Men's Health, Infections, and Hematologic

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Disorders

- The pathophysiology, structure, and function of the reproductive systems.
- Pathophysiological changes related to women's and men's health, infections, and hematologic disorders.
- How can racial/ethnic variables impact the physiological functioning of these disorders.
- The impact of alterations in erythrocytes, platelets, and hemostatic function as it relates to pathophysiological responses in adults and children.

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- The impact of alterations of Leukocyte and Lymphoid Function as it relates to pathophysiological responses in adults.

Common women's, men's, infections, and hematologic disorders and the pathophysiological nature of these issues in adults:

Sexually transmitted
diseases Prostate
Epididymitis Factors that
affect fertility Reproductive
health Alterations and
fertility Anemia ITP and
TTP DIC
Thrombocytopenia

Pediatrics

- Shock, Multiple Organ Dysfunction Syndrome, and Burns in Children

Also Read : [Nursing Assignment Help](#)

Common pediatric disorders and the pathophysiological nature of these issues in children:

Cancer in Children Growth and development
Normal growth patterns Scoliosis (ortho)
Kawasaki Alterations in children Congenital (heart
syndrome) PDAs Sudden Infant Death Syndrome
(SIDS) Asthma Lead poisoning and effects on
neurological functioning Sickle cell Hemophilia

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Note: It is strongly recommended that you review your Knowledge Checks at least 48 hours before taking the Final exam.

Also Read : [Nursing Assignment Help](#)

