Mindluster Platform

About the course Kidney and nephron anatomy structure

Kidney and nephron anatomy structure course, in this course we will learn about the Kidney and Nephron Anatomy Structure course, focusing on the detailed anatomy and function of the kidneys and their functional units, the nephrons. The course covers the structural components, including the renal cortex, medulla, and pelvis, and explores how nephrons perform filtration, reabsorption, and secretion. Participants will study the role of the glomerulus, proximal and distal tubules, and collecting ducts in maintaining fluid and electrolyte balance. The course emphasizes kidney functions such as waste elimination, blood pressure regulation, hormone production (like erythropoietin), and acid-base balance. This comprehensive exploration equips learners with the knowledge needed to understand renal physiology, contributing to effective patient care in healthcare settings.

Medical Category's Courses

Course Lesson(16)

Lesson 1 : **Kidney and Nephron Anatomy Structure Function Renal Function System**

Lesson 2 :
Nephron Structure and Function Physiology Filtration Reabsorption Secretion NCLEX Review

Lesson 3 :
Urinary Tract Infection Nursing NCLEX UTI Symptoms Treatment Cystitis Pyelonephritis Urethritis

Lesson 4 : **Kidney Stones Renal Calculi Nursing Lecture Symptoms Treatment Causes NCLEX**

Lesson 5 : **Costovertebral Angle Tenderness Exam CVA Percussion Assessment Test**

Lesson 6 : **Acute Glomerulonephritis Nursing Poststreptococcal Nephritic Syndrome NCLEX Review**

Lesson 7 :
Nephrotic Syndrome Nursing NCLEX Lecture on Pathophysiology Treatment in Children Pediatric

Lesson 8 :
Nephrotic Syndrome vs Glomerulonephritis Nephritic vs Nephrotic Syndrome Nursing NCLEX

Lesson 9 :
Acute Kidney Injury Acute Renal Failure Nursing NCLEX Review Management Stages Pathophysiology

Lesson 10 :
Chronic Renal Failure Kidney Disease Nursing End Stage Renal Disease Pathophysiology NCLEX

Lesson 11 : **Renal NCLEX Review Question on Acute Kidney Injury Stages**

Lesson 12 : **Renin Angiotensin Aldosterone System RAAS Nursing Mechanism for Blood Pressure**

Lesson 13 : **Loop Diuretics Pharmacology Nursing Mechanism of Action Furosemide**

Lesson 14 :
Thiazide Diuretics Pharmacology Nursing NCLEX Review Mechanism of Action Side Effects

Lesson 15 : **Potassium Sparing Diuretics Pharmacology Nursing Mechanism of Action Review**

Lesson 16 : **AV Fistula Should ALWAYS Have These Two Things Nursing shorts**

Related courses

Infection Control

Male Reproductive

Anatomy

Pharynx

Endocrine

General Embryology

for Business Contact
business@mindluster.com