

# 100 MCQs with Complete Answers for Urology and Urinary System USMLE Preparation

Urology is a challenging field of medicine that requires a thorough understanding of the anatomy, physiology, and pathology of the urinary tract. The urinary system is responsible for filtering waste and toxins from the blood, producing urine, and expelling it from the body. A thorough knowledge of urology and the urinary system is essential for medical students and professionals who wish to succeed in the USMLE exams.



**Renal system USMLE preparing MCQs : + 100 MCQs with complete answers ( Urology , Urinary system , USMLE preparing )** by Arya Ghobadi

★★★★★ 5 out of 5

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This article provides 100 MCQs with complete answers to help you prepare for the USMLE exams in urology and the urinary system. These MCQs cover a wide range of topics, including:

- Renal anatomy and physiology
- Glomerular filtration
- Tubular reabsorption and secretion
- Micturition

- Urinary tract infections
- Urolithiasis
- Prostate cancer
- Bladder cancer
- Urethral stricture

## **MCQs**

1. Which of the following is the primary function of the kidneys?

- A. To produce urine
- B. To filter blood
- C. To regulate blood pressure
- D. To produce hormones

**Answer:** B. To filter blood

• Which of the following is the smallest functional unit of the kidney?

- A. Nephron
- B. Glomerulus
- C. Bowman's capsule
- D. Loop of Henle

**Answer:** A. Nephron

- Which of the following is the primary site of glomerular filtration?
  - A. Bowman's capsule
  - B. Proximal tubule
  - C. Loop of Henle
  - D. Distal tubule

**Answer:** A. Bowman's capsule

- Which of the following is the primary function of the proximal tubule?
  - A. Reabsorption
  - B. Secretion
  - C. Concentration
  - D. Excretion

**Answer:** A. Reabsorption

- Which of the following is the primary site of water reabsorption?
  - A. Proximal tubule
  - B. Loop of Henle
  - C. Distal tubule
  - D. Collecting duct

**Answer:** D. Collecting duct

• Which of the following is the primary hormone responsible for regulating water reabsorption in the collecting duct?

- A. Antidiuretic hormone (ADH)
- B. Aldosterone
- C. Parathyroid hormone (PTH)
- D. Atrial natriuretic peptide (ANP)

**Answer:** A. Antidiuretic hormone (ADH)

• Which of the following is the primary neurotransmitter responsible for initiating micturition?

- A. Acetylcholine
- B. Norepinephrine
- C. Serotonin
- D. Dopamine

**Answer:** A. Acetylcholine

• Which of the following is the most common symptom of a urinary tract infection (UTI)?

- A. Dysuria
- B. Hematuria
- C. Pyuria

- D. Oliguria

**Answer:** A. Dysuria

- Which of the following is the most common cause of a UTI?
  - A. Escherichia coli (E. coli)
  - B. Staphylococcus aureus
  - C. Pseudomonas aeruginosa
  - D. Klebsiella pneumoniae

**Answer:** A. Escherichia coli (E. coli)

- Which of the following is the most common type of urolithiasis?
  - A. Calcium oxalate
  - B. Uric acid
  - C. Struvite
  - D. Cystine

**Answer:** A. Calcium oxalate

- Which of the following is the most common symptom of

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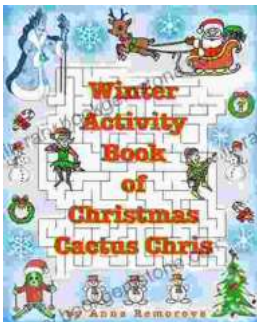


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