Mindluster Platform

About the course Urinary

The urinary system, also known as the renal system or urinary tract, consists of the kidneys, ureters, bladder, and the urethra. The purpose of the urinary system is to eliminate waste from the body, regulate blood volume and blood pressure, control levels of electrolytes and metabolites, and regulate blood pH. The urinary tract is the body's drainage system for the eventual removal of urine. The kidneys have an extensive blood supply via the renal arteries which leave the kidneys via the renal vein. Each kidney consists of functional units called nephrons. Following filtration of blood and further processing, wastes (in the form of urine) exit the kidney via the ureters, tubes made of smooth muscle fibres that propel urine towards the urinary bladder, where it is stored and subsequently expelled from the body by urination (voiding). The female and male urinary system are very similar, differing only in the length of the urethra. Urine is formed in the kidneys through a filtration of blood. The urine is then passed through the ureters to the bladder, where it is stored. During urination, the urine is passed from the bladder through the urethra to the outside of the body. 800â€“2,000 milliliters (mL) of urine are normally produced every day in a healthy human. This amount varies according to fluid intake and kidney function. A urinary tract infection (UTI) is an infection in any part of your urinary system â€” your kidneys, ureters, bladder and urethra. Most infections involve the lower urinary tract â€” the bladder and the urethra. Women are at greater risk of developing a UTI than are men. Infection limited to your bladder can be painful and annoying. However, serious consequences can occur if a UTI spreads to your kidneys. Doctors typically treat urinary tract infections with antibiotics. But you can take steps to reduce your chances of getting a UTI in the first place.

Medical Category's Courses

Course Lesson(54)

Lesson 1 : **Urinary System**

Lesson 2 : **Urinary System in situ**

Lesson 3 : **Kidneys site**

Lesson 4 : **Kidneys site 2**

Lesson 5 : **Kidneys poles**

Lesson 6 : **Kidneys coverings**

Lesson 7 : **Kidneys coverings 2**

Lesson 8 : **Kidneys sections**

Lesson 9 : **Kidneys longitudinal section**

Lesson 10 : **kidneys longitudinal sections 2**

Lesson 11 : **Kidneys in cadaver**

Lesson 12 : **Kidneys relations**

Lesson 13 : **Kidneys relations 2**

Lesson 14 : **Kidneys relations 3**

Lesson 15 : **Ureter**

Lesson 16 : **Ureter 2**

Lesson 17 : **Ureter constrictions**

Lesson 18 : **Ureter arterial supply**

Lesson 19 : **Urinary bladder**

Lesson 20 : **Urinary bladder 2**

Lesson 21 : **Urinary bladder apex relations**

Lesson 22 : **Urinary bladder base relations**

Lesson 23 : **Urinary bladder base relations 2**

Lesson 24 : **Urinary bladder base relations 3**

Lesson 25 : **Urinary bladder base relations 4**

Lesson 26 : **Urinary bladder base relations 5**

Lesson 27 : **Urinary bladder base relations 6**

Lesson 28 : **Urinary bladder base relations 7**

Lesson 29 : **Urinary bladder base relations 8**

Lesson 30 : **Urinary bladder superior surface relations**

Lesson 31 : **Urinary bladder superior surface relations 2**

Lesson 32 : **Urinary bladder inferior lateral surfaces**

Lesson 33 : **Urinary bladder inferior lateral surfaces 2**

Lesson 34 : **Urinary bladder neck relations**

Lesson 35 : **Urinary bladder neck relations 2**

Lesson 36 : **Urinary bladder ligaments**

Lesson 37 : **Urinary bladder ligaments 2**

Lesson 38 : **Urinary bladder structure interior**

Lesson 39 : **Urinary bladder structure interior 2**

Lesson 40 : **Urinary bladder structure interior 3**

Lesson 41 : **Urinary bladder arterial supply**

Lesson 42 : **Urinary bladder arterial supply 2**

Lesson 43 : **Urinary bladder venous drinage**

Lesson 44 : **Urinary bladder nerve supply**

Lesson 45 : **Urinary bladder nerve supply 2**

Lesson 46 : **Urinary bladder nerve supply 3**

Lesson 47 : **Urethra male female**

Lesson 48 : **Male urethra parts**

Lesson 49 : **Male urethra parts 2**

Lesson 50 : **Male urethra parts 3**

Lesson 51 : **Male urethra parts 4**

Lesson 52 : **Male urethra parts 5**

Lesson 53 : **Male urethra parts 6**

Lesson 54 : **Female urethra**

Related courses

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