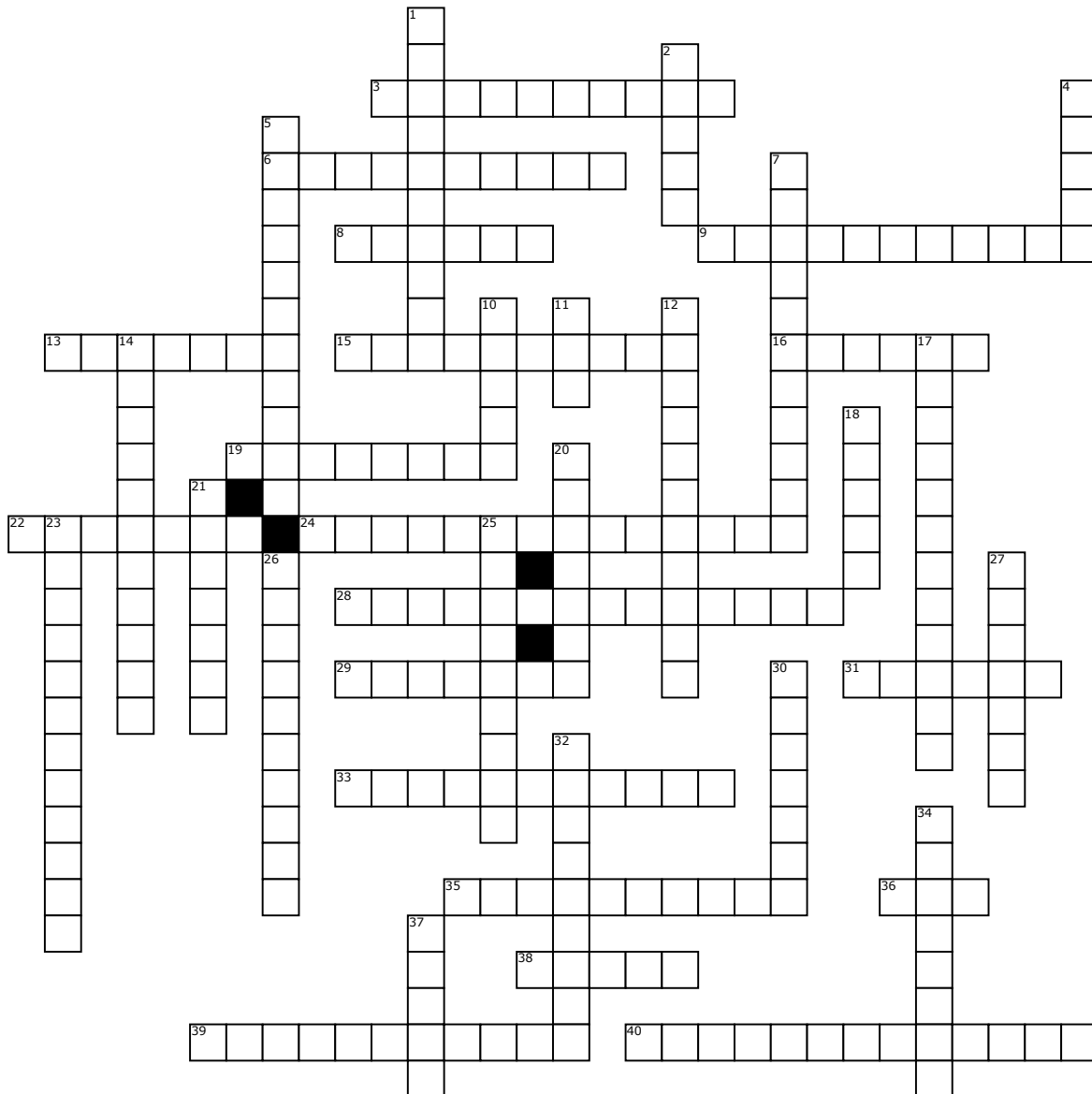


# Genitourinary System



## Across

- 3.** In the kidney, a tiny ball-shaped structure composed of capillary blood vessels actively involved in the filtration of the blood to form urine
- 6.** a highly convoluted duct behind the testis, along which sperm passes to the vas deferens
- 8.** the narrow passage forming the lower end of the uterus.
- 9.** is part of the lining of the abdominal cavity in higher vertebrates
- 13.** is a hollow muscular, and distensible (or elastic) organ, that sits on the pelvic floor.
- 15.** the action or process of filtering something
- 16.** the final section of the large intestine, terminating at the anus.
- 19.** a gland surrounding the neck of the bladder in male and releasing prostatic fluid.
- 22.** the duct by which urine passes from the kidney to the bladder or cloaca.
- 24.** Is a hormone produced primarily by the kidneys. It plays a key role in the production of red blood cells (RBCs), which carry oxygen from the lungs to the rest of the body.
- 28.** each of a pair of glands which open into the vas deferens near to its junction with the urethra and secrete many of the components of semen.
- 29.** the inner region of an organ or tissue, especially when it is distinguishable from the outer region or cortex (as in a kidney, an adrenal gland, or hair).
- 31.** an organ which produces spermatozoa (male reproductive cells).

- 33.** The tube that connects the testes with the urethra
- 35.** small branch of an artery leading into capillaries.
- 36.** obstruction is a blockage at the point where part of the kidney attaches to one of the tubes to the bladder
- 38.** refers to the part of an organ or gland where structures such as blood vessels, nerves, ducts, etc. enter or emerge from an anatomic part
- 39.** the action of urinating
- 40.** female mammal either of a pair of tubes along which eggs travel from the ovaries to the uterus.

## Down

- 1.** Is a synthetic version of Vitamin D3 used to treat calcium deficiency with hypoparathyroidism (decreased functioning of the parathyroid glands) and metabolic bone disease in people with chronic kidney failure
- 2.** the external female genitalia that surround the opening to the vagina
- 4.** Funnel-shaped structures that act as passageway of urine from the papillary ducts to the renal pelvis
- 5.** normally arise off the left interior side of the abdominal aorta
- 7.** a pituitary hormone which acts to promote the retention of water by the kidneys and increase blood pressure.
- 10.** watery, typically yellowish fluid stored in the bladder and discharged through the urethra
- 11.** is an infection in any part of your urinary system your kidneys, ureters, bladder and urethra.
- 12.** a protein whose presence in the blood promotes aldosterone secretion and tends to raise blood pressure.
- 14.** a corticosteroid hormone which stimulates absorption of sodium by the kidneys and so regulates water and salt balance.
- 17.** the formation of stony concretions in the bladder or urinary tract.
- 18.** the female gonad or reproductive gland, in which the ova and the hormones that regulate female secondary sex characteristics develop
- 20.** In anatomy, a sac-like enlargement of a canal or duct.
- 21.** a triangular region or tissue, particularly the area at the base of the urinary bladder, between the openings of the ureters and urethra.
- 23.** the process of absorbing something again
- 25.** are veins that drain the kidney
- 26.** is the portion of the broad ligament of the uterus that suspends the ovaries
- 27.** a small rounded protuberance on a part or organ of the body.
- 30.** Are a pair of organs that are found on either side of the spine, just below the rib cage in the back
- 32.** a process by which substances are produced and discharged from a cell, gland, or organ for a particular function in the organism or for excretion.
- 34.** The structural and functional unit of the kidney
- 37.** an enzyme secreted by and stored in the kidneys which promotes the production of the protein angiotensin.