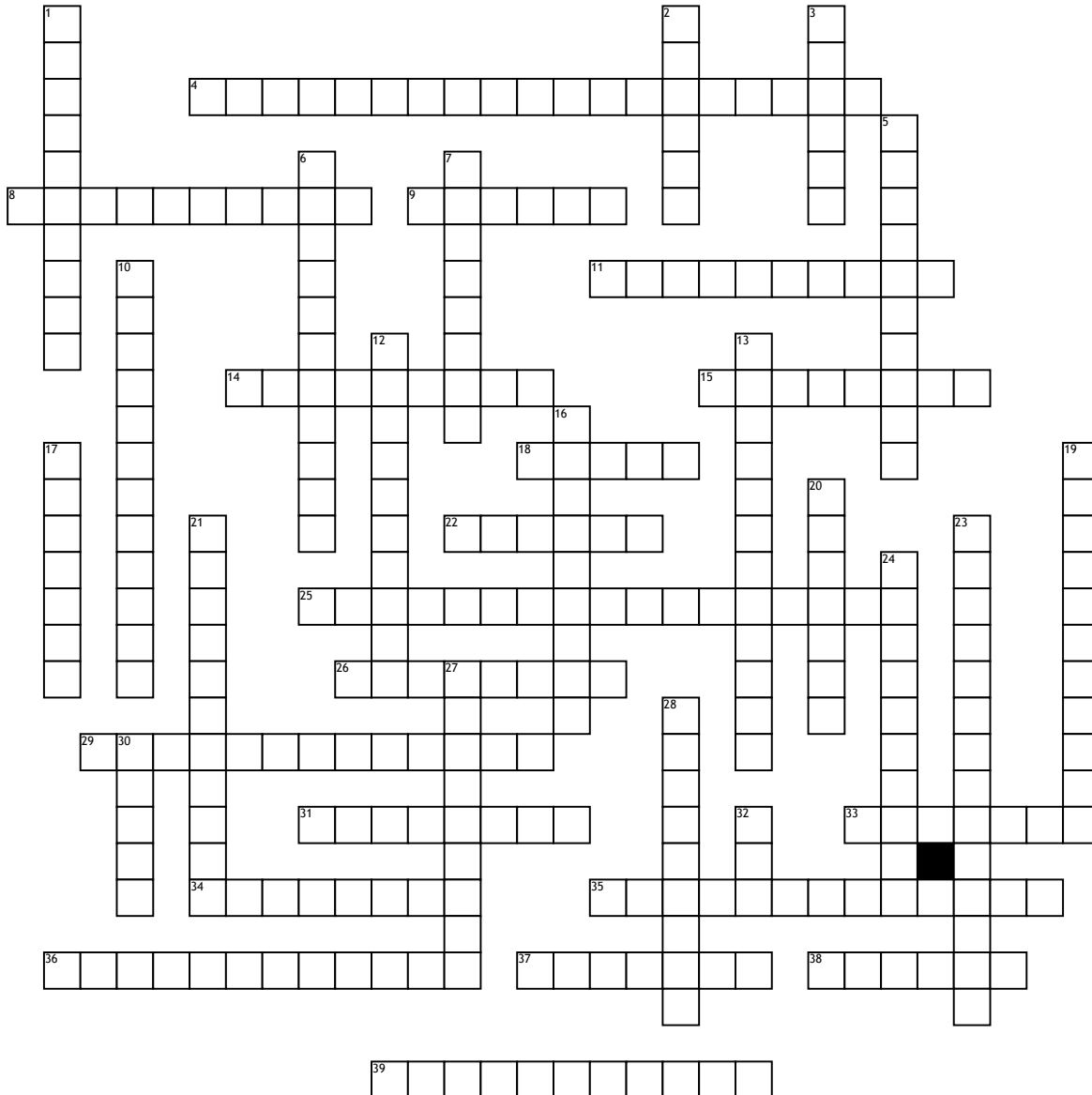


The Urinary System



Across

4. also known as the urinary system; function is to filter and remove waste products from the body
 8. this instrument is used to measure specific gravity of urine
 9. this organ filters blood and produces urine
 11. the first stage of urine production; filtering of particles
 14. the last stage of urine production; when ammonia, uric acid and other waste are secreted into the renal tubule
 15. this organ filters waste from the blood
 18. combining form that means bladder or pouch
 22. this organ transports urine to the bladder
 25. also known as Bowman's Capsule; a ball that holds capillaries
 26. pertaining to the renal pelvis
 29. the external opening that allows waste to exit the body
 31. inflammation of the urinary bladder
 33. branch of medicine that involves the treatment and diagnosis of disease in the urinary system

34. inflammation of the renal pelvis

35. this drug is used to prevent or reduce muscle spasms of the bladder
 36. small biologically important molecules
 37. an example of substances sometimes found in urine that should not be there; a protein that should stay in the blood
 38. the outer portion of the kidney, acts as a shell
 39. stone in the ureter
Down
 1. the ball of capillaries inside the Bowman's Capsule
 2. pertaining to the bladder
 3. a condition too many waste products are not removed from the blood
 5. this instrument is used to examine the inside of the urinary bladder
 6. the surgical removal of a kidney
 7. this drug increases the production of urine by the kidneys
 10. the use of an artificial kidney machine to filter the blood and remove waste for a patient with a malfunctioning kidney

12. branch of medicine involves the diagnosis and treatment of diseases of the kidney
 13. the second stage of urine production; when most of the water, electrolytes and nutrients are reabsorbed into capillaries
 16. pain the the bladder
 17. this organ acts as a tube to remove waste from the body
 19. to surgically repair the renal pelvis
 20. the inner portion of the kidney
 21. also known as the Loop of Henle; connects the proximal convoluted tubule to the distal convoluted tubule
 23. this organ stores urine
 24. X-ray of the kidney
 27. suffix that means condition of stones
 28. to cut into an organ to remove a stone
 30. folds that allow the bladder to expand
 32. prefix that means difficult or painful