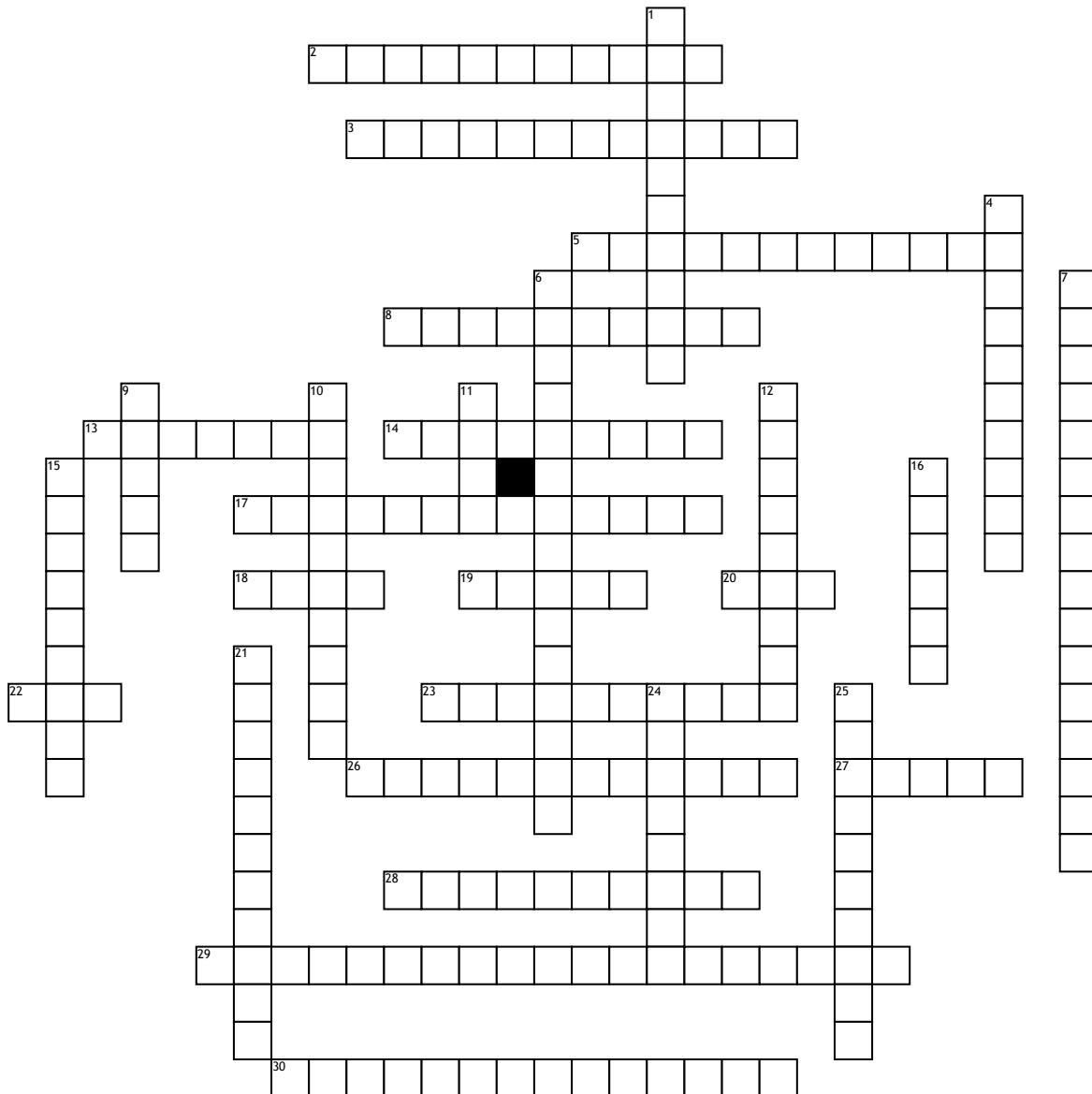


Ultrasound



Across

- 2. reflected acoustic energy
- 3. detection of eye pathology using ultrasound
- 5. used when minimal penetration and highest resolution is required
- 8. anatomic structure that produces fewer echoes
- 13. technique that measures velocity and direction of blood
- 14. anatomic structure that produces similar number of echoes as tissues surrounding
- 17. genetic analysis testing
- 18. energy that passes through a medium
- 19. ultrasound system that uses 2-D gray scale

- 20. eliminates air trapped between transducer and surface of the skin
- 22. artifact often found in large intestine
- 23. creates images using ultrasound
- 26. signal produced from soft tissue structures
- 27. The first ultrasound unit made in Japan
- 28. mode of ultrasound often used in vascular studies
- 29. vibration of transducer due to passing of electrical current
- 30. loss of signal due to blockage or interference

Down

- 1. when signal is sent from structure back to the transducer
- 4. high frequency sound waves

- 6. rate of sound displacement through a medium
- 7. study of the heart using ultrasound
- 9. sound navigation and ranging
- 10. resembles an axial CT scan
- 11. ultrasound barrier
- 12. number of ultrasound waves per second
- 15. represents the varying echo intensities
- 16. uses short bursts of ultrasound energy
- 21. radiation used in ultrasound
- 24. doesn't produce echoes
- 25. produces ultrasound wave