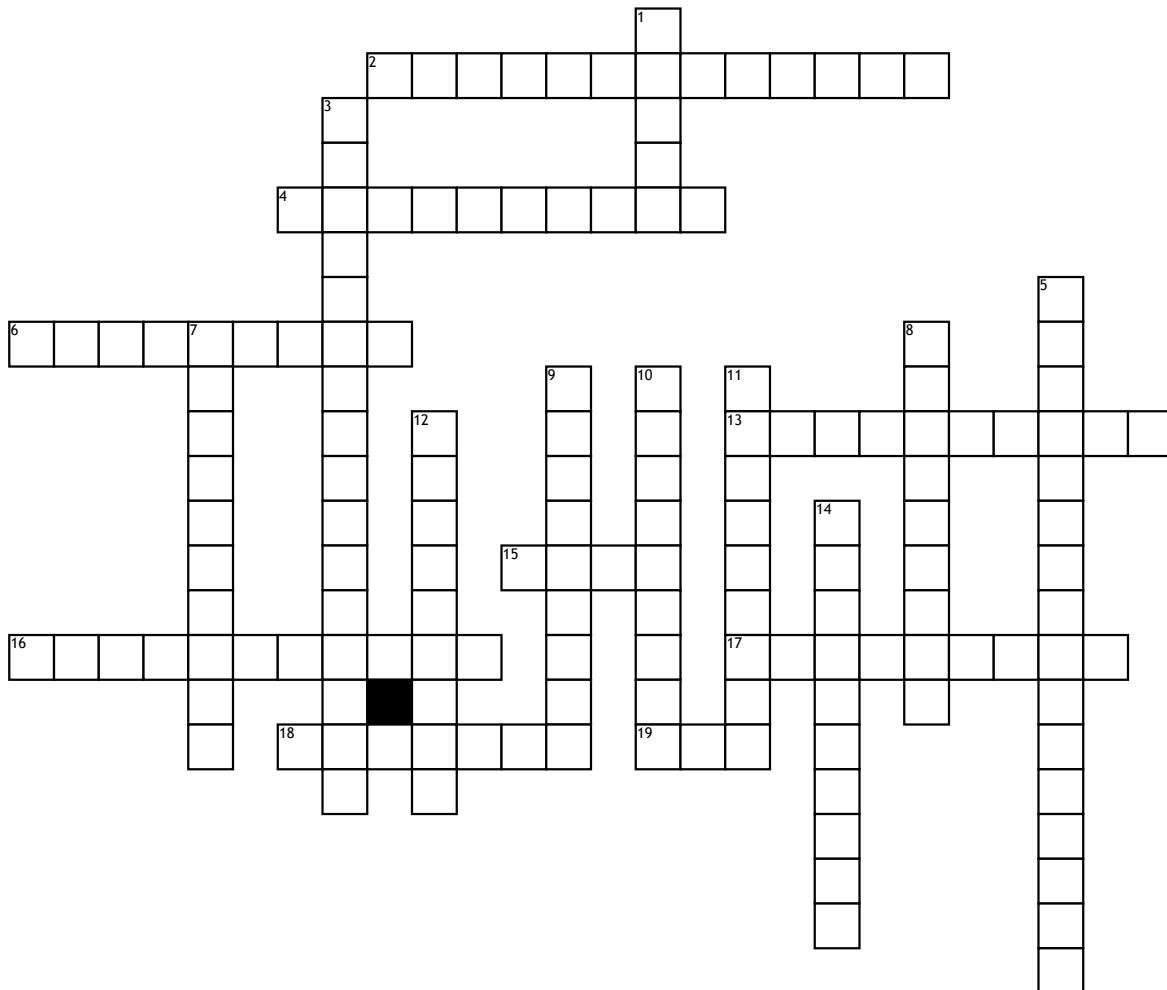


Name: _____

Ultrasound



Across

2. Any image obtained from ultrasonic examination methods
4. A device that sends and receives signals and converts the received signals into an image.
6. The frequency range represented in a pulse from the transducer
13. Describes an area that has decreased brightness of its echoes relative to an adjacent structure
15. In 1980, ASUTS was renamed to this
16. A specialist in the use of Sonography; a person who performs sonography examinations.

17. A lesion or tumor that produces an echo of the same strength as that of the surrounding structures or tissues.
18. The echo pattern within an organ
19. A recording of the electrical activity of the heart.

Down

1. Artfactual echoes resulting from too much gain rather than echoes from true anatomic structures
3. In 1842, he published the theory of the Doppler Effect
5. A diagnostic test that uses ultrasound waves to make images of the heart chambers, valves and surrounding structures

7. Distance a wave travels in a single cycle.
8. The number of times in a given interval of time that a particular action occurs
9. A wave that transmits sound
10. Display mode in which echo intensity is recorded as degrees of brightness or shades of gray.
11. Failure of the sound beam to pass through an object
12. 1,000 hertz
14. A non-invasive medical procedure that uses the echoes of high-frequency sound waves to construct an image of internal organs or body structures