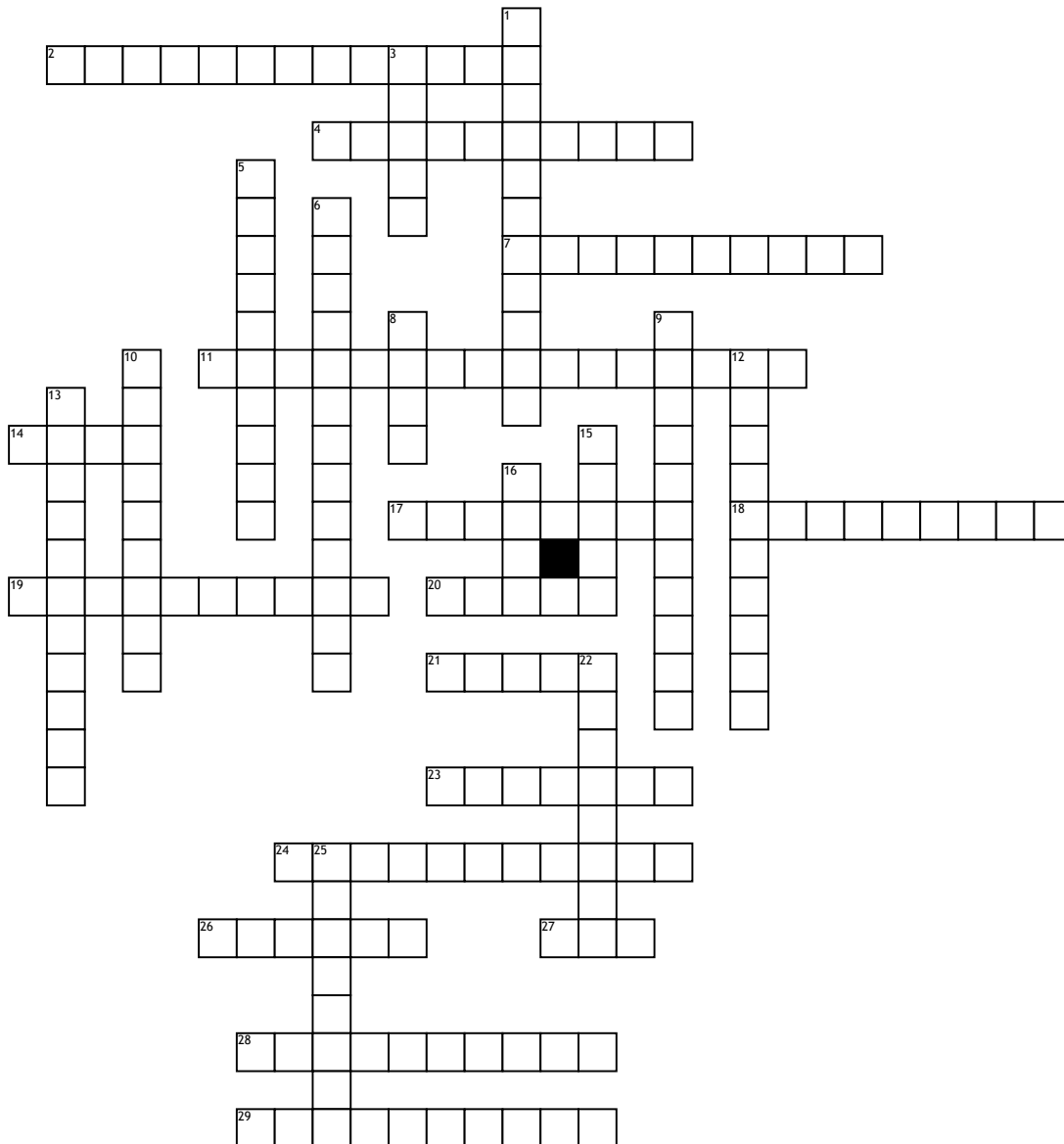


# Ultrasound Crossword



## Across

2. Ultrasound of the eye  
 4. The distance between the corresponding points on an ultrasound wave  
 7. \_\_\_\_\_ doppler detects changes in velocity and direction of blood seen as different shades of colour  
 11. Ultrasound study of the heart  
 14. A barrier to the high-frequency sound waves of ultrasound  
 17. An anatomic structure or region of the body that does not produce any echoes  
 18. An anatomic structure or region of the body that highly reflects sound energy  
 19. A \_\_\_\_\_ scan produces an image that resembles an axial CT scan.  
 20. "blips" seen on a monitor; the height of these blips represents the intensity of the returning echo  
 21. Sound navigation and ranging

23. Detects frequency and velocity shifts of a moving structure  
 24. Uses sonographer's findings to interpret images and reach diagnosis  
 26. Structures demonstrated by an echo-free region surrounded by a well-defined margin or border  
 27. Eliminates air trapped between the face of the transducer and the skin surface  
 28. Serves as a sender and receiver of the ultrasound signal  
 29. An imaging technique that uses high-frequency sound waves to produce images of organs and structures in the body

## Down

1. Highly reflective structures as compared with surrounding structures  
 3. An echogenic structure with varying internal echoes that represent biliary ducts and branches of the hepatic and portal veins  
 5. Acoustic energy that is reflected from a structure back towards the transducer

6. A needle is used to withdraw amniotic fluid within the uterus for genetic analysis  
 8. Acoustic energy that travels through a medium  
 9. Aspect of acoustic energy that is reflected back toward the source  
 10. The number of ultrasound waves per second  
 12. An anatomic structure or region of the body that produces fewer echoes than normal  
 13. Produces images of diagnostic quality for interpretation and diagnosis by the radiologist  
 15. Echoes converted into bright dots that vary in intensity according to strength of the echo  
 16. Sound waves that are reflected by internal structures back to the transducer  
 22. Ultrasound images that demonstrate motion or change within a structure in real time  
 25. An echo that does not represent a real object and/or anatomic structure