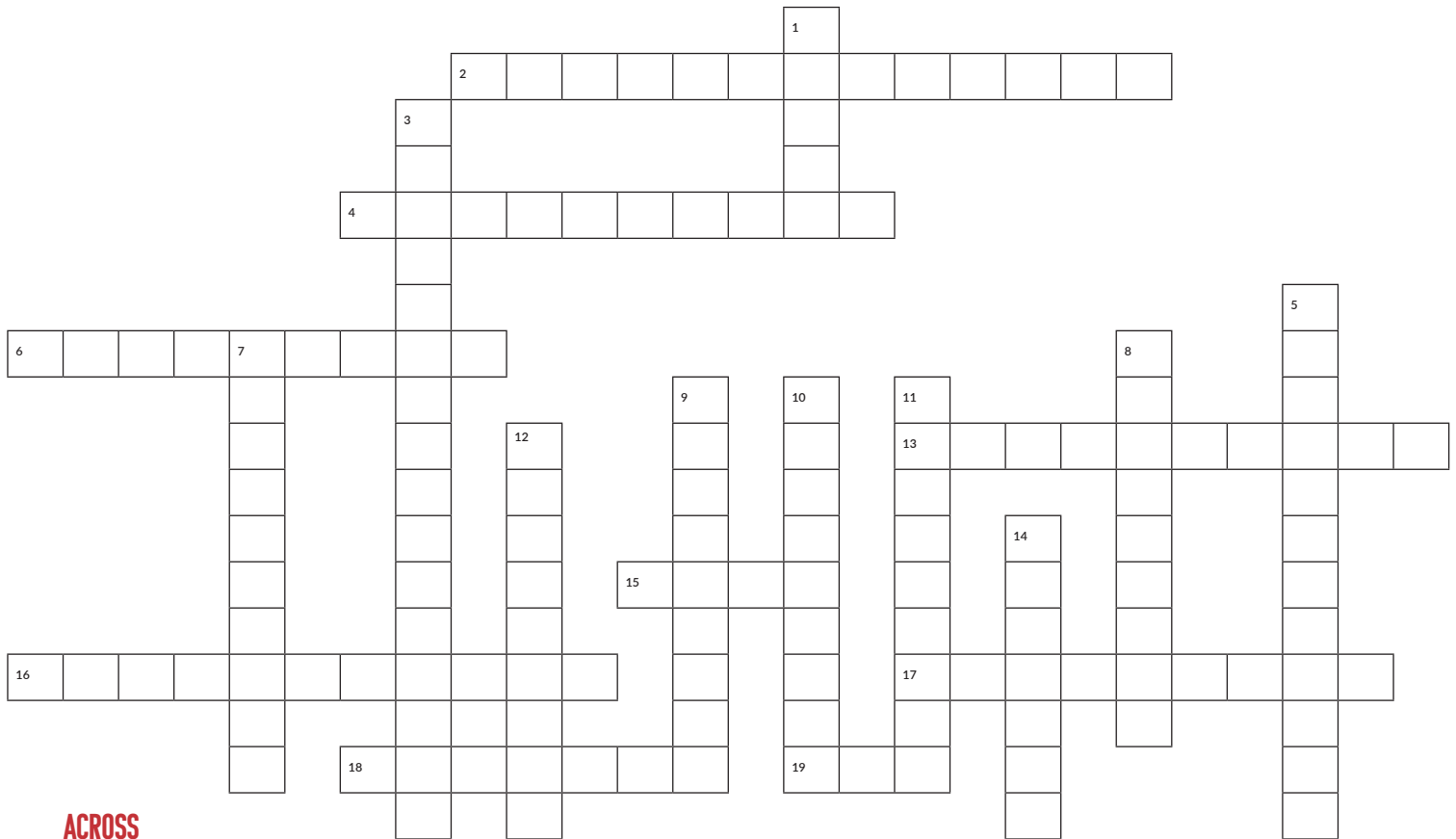


CELEBRATING SONOGRAPHERS DURING MEDICAL ULTRASOUND AWARENESS MONTH



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 Artifactual 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 test that checks the structure and function of the heart

- 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



Across		Down	
2	ultrasonogram	1	noise
4	transducer	3	christianople
6	bandwidth	5	echocardiogram
13	hypoechoic	7	wavelength
15	SDMS	8	frequency
16	sonographer	9	soundwave
17	isoechoic	10	grayscale
18	texture	11	shadowing
19	EKG	12	kilohertz
		14	sonography