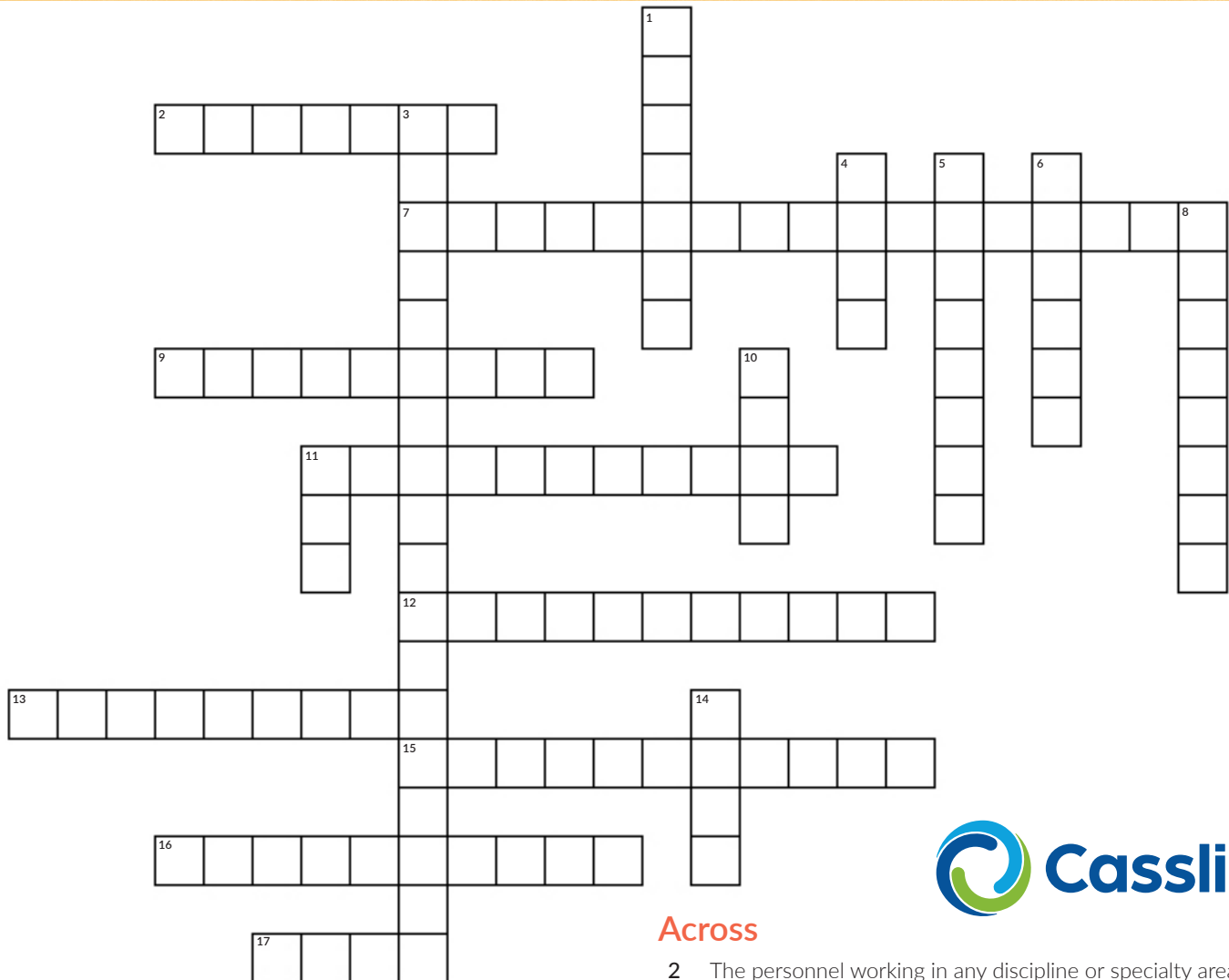


# Radiology Crossword Puzzle



## Down

- 1 The energy of an explosion that is equivalent to an explosion of 1,000 tons of TNT
- 3 A method of examining blood vessels utilizing X-rays and injection of iodine-rich contrast material
- 4 A unidirectional emission of electromagnetic radiation or particles
- 5 The international unit of exposure dose for X-rays or gamma rays
- 6 A naturally occurring metal; a contrast material
- 8 A measure of ionization in air caused by X-rays or gamma rays only
- 10 Radiation absorbed by a person's body
- 11 A basic unit of absorbed radiation dose
- 14 Beams that pass through the body to produce images of anatomical structures

## Across

- 2 The personnel working in any discipline or specialty area of radiologic technology
- 7 A diagnostic radiologic modality, in which the nuclei of the hydrogen atoms in a patient are aligned in a strong, uniform magnetic field, absorb energy from tuned radio pulses, then emit radio signals
- 9 Radiant energy from waves or subatomic particles
- 11 A physician trained in the diagnostic and/or therapeutic use of X-rays and radionuclides, radiation physics, and biology
- 12 An X-ray technique used to screen for breast cancer
- 13 Having something that will absorb radiation between you and the source of the radiation
- 15 The process of obtaining an image for diagnostic examination using X-rays
- 16 The uptake of energy from radiation by the tissue or medium through which it passes
- 17 A unit of measurement for absorbed dose



Across		Down	
2	Rad Tech	1	kiloton
7	Magnetic Resonance	3	Computed Tomography
9	Radiation	4	Beam
11	Radiologist	5	Roentgen
12	Mammography	6	Barium
13	Shielding	8	Exposure
15	Radiography	10	Dose
16	Absorption	11	Rad
17	Gray	14	X-ray