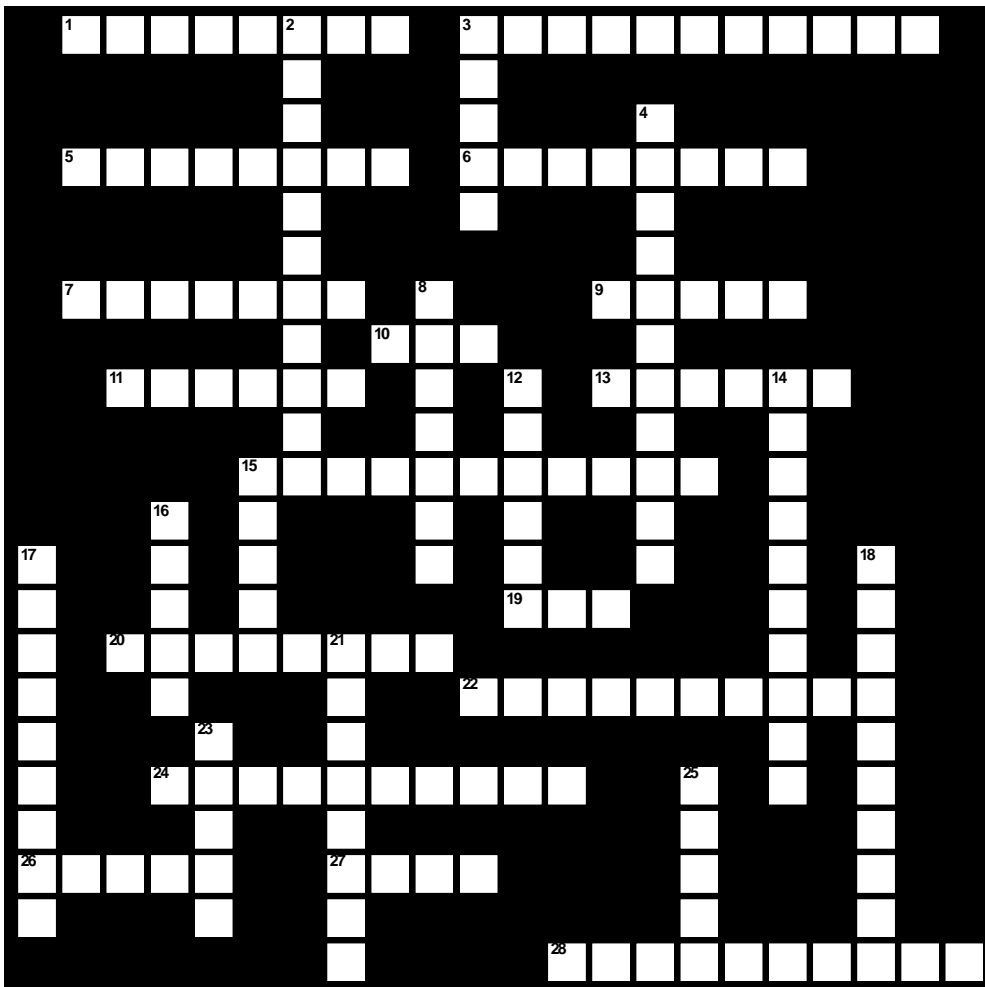


Test Your CT Knowledge



Down

- 2 The reduction of the number of x-ray photons.
- 3 The cervical _____.
- 4 The act of restricting the path of the x-rays to define the slice thickness.
- 8 The negatively-charged terminal of the x-ray tube.
- 12 _____ Sulfate is used as an oral contrast agent.
- 14 A measurement of the smallest object that we can visualize in the image.
- 15 The rotating terminal in the CT x-ray tube.
- 16 A single picture element in a digital image.
- 17 A measure of the thickness of a liquid.
- 18 A plane which is perpendicular to the axis which runs from head to foot in the patient.
- 21 The material from which the target of the anode is made.
- 23 A single volume element.
- 25 The gas which is used in a gas detector.

Across

- 1 The ability to differentiate small differences in the density of adjacent tissues.
- 3 The use of a positioning device in conjunction with CT for precise localization.
- 5 The heated coil of wire, in an x-ray tube, that emits a stream of electrons.
- 6 A type of contrast agent that does not dissociate in solution.
- 7 Another name for a volumetric scan.
- 9 The term relating the slice thickness and the table increment in a volumetric scan.
- 10 The unit of absorbed dose.
- 11 The grid of rows and columns of pixels which make up the digital image.
- 13 The part of the CT system through which the patient moves during a scan.
- 15 Having voxels which are not the same size in all three directions.
- 19 Tube current times scan time (abbrev.)
- 20 The CT system component which measures the x-ray beam after it has passed through the patient.
- 22 A view of the anatomical cross-section from a particular vantage point.
- 24 Computed _____.
- 26 The patient moves through the CT gantry while lying on this.
- 27 The CT system component responsible for generating the x-ray beam.
- 28 He produced the first clinically useful CT scanner for brain imaging.

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