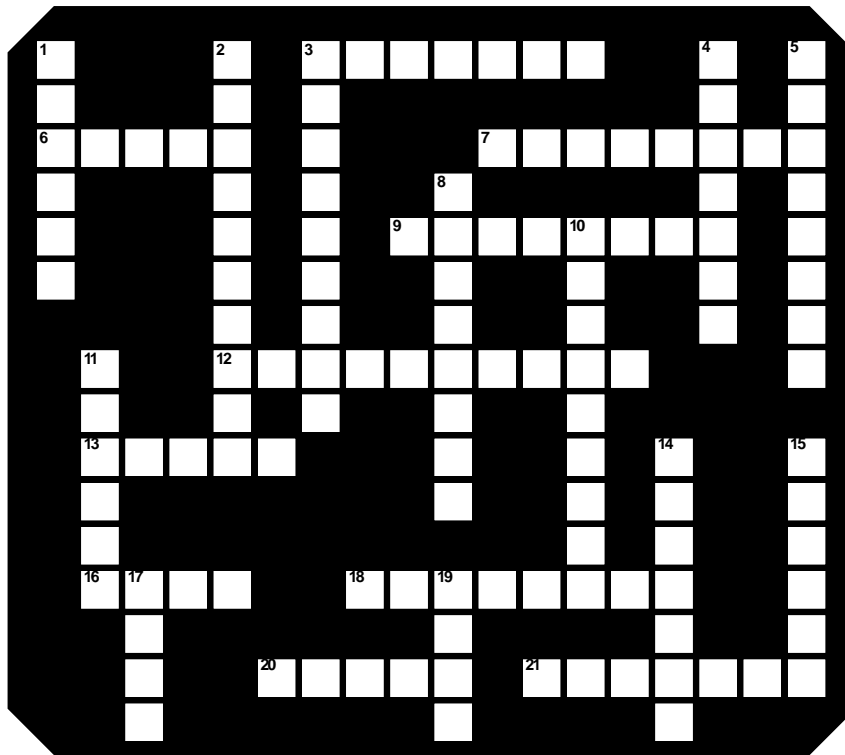


Test Your MR Knowledge



Across

- 3 MR images are viewed on this.
- 6 A unit of magnetic field strength.
- 7 The protons of this element give rise to the signal used in clinical MR imaging.
- 9 The ability to differentiate adjacent tissues.
- 12 A measurement of the smallest object that we can visualize in the image.
- 13 A single picture element in a digital image.
- 16 The tiny MR signal which results from applying radio waves to the patient.
- 18 The MR system component that makes the "knocking" noise during an exam.
- 20 _____ frequency energy used in MR imaging.
- 21 An extremely cold liquid used in a superconducting magnet.

Down

- 1 The grid of rows and columns of pixels which make up the digital image.
- 2 A plane which is perpendicular to the axis which runs from head to foot in the patient.
- 3 This property is exhibited by a spinning proton.
- 4 A type of image which can be stored on a computer and viewed on a monitor.
- 5 The type of radiation used in radiography but not in MRI.
- 8 The digital processor at the heart of an MR system.
- 10 The "R" in MRI.
- 11 Lying face up.
- 14 An MR image, representing a slice through the patient, is call a cross- _____.
- 15 The sub-atomic particular which gives rise to the MR signal.
- 17 The loop of wire used to measure the MR signal.
- 19 The smallest unit of matter that still behaves like a particular substance.

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