

Radiology Terms Quiz

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Directions: Edit the following paragraph based on the information found on radiology in the *AMA Manual of Style*. Although radiology is covered mostly in section 15.17, some of the answers are found in other sections of the style manual.

MRI was performed at the Center for Imaging of Neurodegenerative Diseases at the San Francisco Veterans Affairs Medical Center using a 4-tesla MRI system equipped with an 8-channel array receiver coil. The MRI protocol consisted of a high-resolution T₂ fast-spin echo sequence (TR, 3500 milliseconds; TE, 19 milliseconds) with an echo train of 15 per K space segment, 160° refocusing pulses, and 100% oversampling in the phase-encoding direction to avoid aliasing, yielding a nominal in-plane resolution of 0.4 × 0.5 mm. Twenty-four contiguous slices, each 2 mm thick, were acquired in an interleaved fashion. Radiologic slices were then examined for consistency of the hippocampal subfields from patient to patient. The total acquisition time of the sequence was approximately 5 minutes. In addition, a volumetric T1-weighted magnetization prepared gradient echo sequence (TR, 2300 milliseconds; time after inversion pulse, 950 milliseconds; TE, 4 milliseconds; and number of excitations, 7) was acquired to determine total hippocampal volume. Finally, DWI was performed with a single-shot stimulated-echo acquisition mode sequence (TR, 5200 milliseconds; TE, 48 milliseconds; means, 80, each consisting of a reference image with a B factor of 0).

