## Multidetector row computed tomography

The development of multidetector-row computed tomography (MDCT) allows a scan acquisition time of a few seconds and improvement in spatial resolution using thinner collimation, enhancing improved multi-planar reconstructions and diminishing motion artifacts. MDCT is frequently used as a practical and cost-effective approach to investigating correlative compressive lesions, such as cervical disc herniation or cervical spondylosis patients who have failed a course of conservative therapy, may be candidates for interventional or surgical treatment, and have a contraindication to MRI<sup>1</sup>.

1)

Wilson DW, Pezzuti RT, Place JN. Magnetic resonance imaging in the preoperative evaluation of cervical radiculopathy. Neurosurgery. 1991;28:175–179.

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