

Spinal meningioma diagnosis

Radiographic features

The vast majority (90%) of [spinal meningiomas](#) are [extramedullary intradural](#) in location. Occasionally (5%) purely [extradural](#) tumours are found and the remainder (5%) have both [intradural](#) and extradural components taking on a [dumbbell](#) appearance.

Interestingly spinal meningiomas are also not distributed evenly along the [spinal canal](#):

[Cervical spinal meningioma](#) - 15%

thoracic spine - 80%

lumbosacral spine: uncommon

Meningiomas are often located posterolaterally in the [thoracic region](#) and anteriorly in the [cervical region](#).

Most meningiomas are solitary lesions (98%). Multiple meningiomas are most often associated with NF2.

Plain film

usually normal

rarely bone [erosion](#) or [calcification](#).

CT

Isodense or moderately hyperdense mass

hyperostosis may be seen but is not as common as in the intracranial forms

calcification may be present

MRI

[Spinal meningioma magnetic resonance imaging](#)

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