

Extra axial

Extra-[axial](#) is a descriptive term to denote lesions external to the [brain parenchyma](#), in contrast to [intra-axial](#) which describes lesions within the brain substance.

Radiographic features

Often it is trivially easy to distinguish an intra-axial from an extra-axial mass. In many cases, especially when the mass is large and associated with parenchymal changes, such as oedema, localisation can be more difficult. A number of features are helpful in suggesting that a mass or lesion is extra-axial, including:

- subarachnoid space
 - CSF cleft sign
 - widening of adjacent subarachnoid space/cistern
 - intervening pial arteries or veins
- brain parenchyma
 - absence of a claw sign
 - intervening cortex between mass and white matter
 - white matter buckling sign
- bone and meninges

dural tail sign

erosion or invasion/destruction of bone

hyperostosis ¹⁾.

¹⁾

<https://radiopaedia.org/articles/extra-axial-1>

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