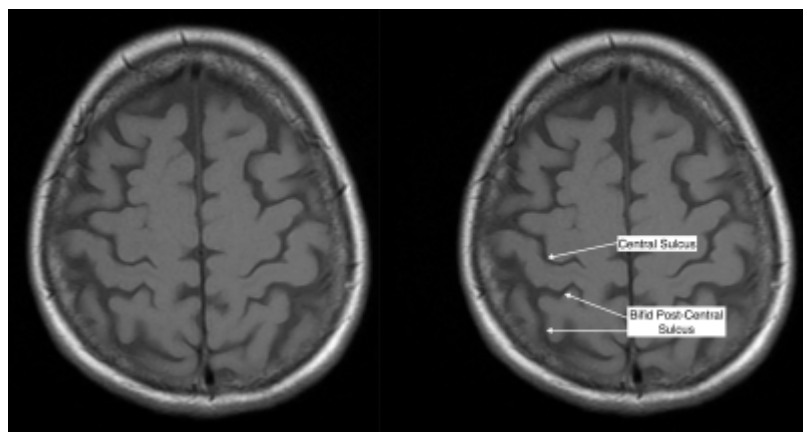


Central sulcus on axial imaging

Identification of the **central sulcus** is important to localize the **motor strip** (contained in the **precentral gyrus**). The central sulcus (CS) is visible on 93% of **CTs** and 100% of **MRIs** ¹⁾.

It curves posteriorly as it approaches the **interhemispheric fissure** (IHF), and often terminates in the **paracentral lobule**, just anterior to the **pars marginalis** (pM) within the pars bracket ²⁾ (i.e. the CS often does not reach the midline).



¹⁾ , ²⁾

Naidich TP, Brightbill TC. The pars marginalis, I: A “bracket” sign for the central sulcus in axial plane CT and MRI. Int J Neuroradiol. 1996; 2:3-19

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=central_sulcus_on_axial_imaging

Last update: **2024/06/07 02:57**

