

Approaches

see [Neurosurgical procedures](#).

Skull Base Approaches

- Endoscopic endonasal approach (EEA)
- Transplanum / transtuberculum approach
- Transclival approach
- Far-lateral approach
- Middle fossa approach
- Anterior petrosectomy (Kawase approach)

The main problem ahead on many [neurosurgeons](#) is the way they could approach a deep lesion inside cranial cavity ^{1) 2) 3) 4) 5)}, although [stereotaxy](#) and [neuronavigation](#) have their own benefits but have also pitfalls as well ^{6) 7) 8)}.

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- Translabyrinthine approach
 - Transpetrosal approach
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Anterior transpetrosal approach

Contralateral Transcingulate approach

Contralateral Transfalcine Transprecuneus Approach

Endoscopic endonasal approach

Frontobasal approach

Frontolateral approach

Infra-Occipital Supra-Tentorial Approach

Infratentorial supracerebellar approach

Lateral supraorbital approach

Middle frontal gyrus approach

Middle fossa approach

Occipital transtentorial approach

Orbitozygomatic approach

Precaruncular approach

Presigmoid approach

Pterional approach

Retromastoid approach

Retrosigmoid approach

Suboccipital approach

Suboccipital lateral approach

Superior temporal sulcus approach

Supraorbital approach

Supratentorial infraoccipital approach

Transaxillary approach

Transbasal approach

Transcondylar approach

Transcallosal anterior interfoniceal approach

Transcortical approach to the third ventricle

Transchoroidal approach

Transmastoid approach

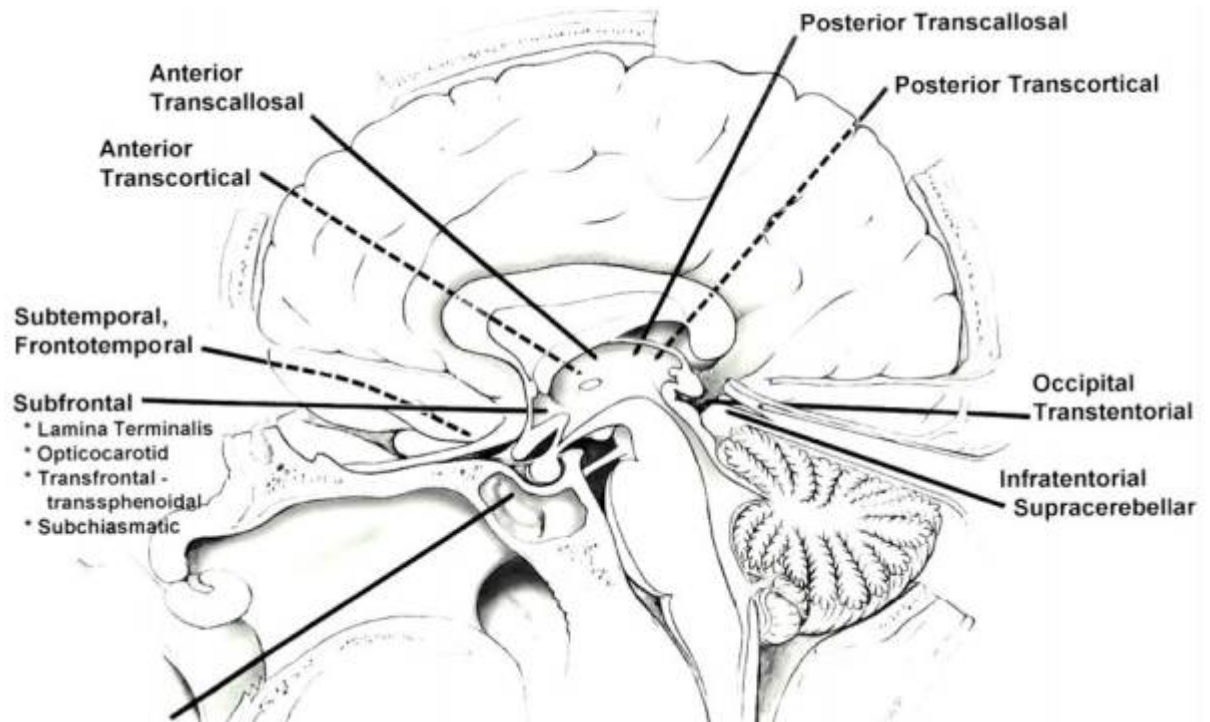
Transsphenoidal approach

Translabyrinthine approach

Transpetrosal approach

Transsylvian approach

Transtentorial approach



Intracranial procedures

see <http://neurosurgicalapproaches.com>

see [neurosurgical procedures](#)

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3)

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4)

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5)

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6)

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7)

Kalfas IH. Image-guided spinal navigation. *Clin Neurosurg*. 2000;46:70-88.

8)

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