



MAIN FOCUS

- **Skull Base Surgery**
- **Brain Tumors**
- **Spinal Tumors**
- **Vascular processes**
- **Pediatric Neurosurgery**
- **Peripheral nerve surgery**
- **Neurovascular compression syndromes**
- **Pain Management**
- **Degenerative spine conditions**

EXAMPLES

Benign tumors

- Neurinoma (e.g., acoustic-, trigeminal neurinoma, epidermoid)
- Meningeomas (e.g. tuberculum sellae, olfactory groove, sphenoid wing, petroclival meningioma, sinus cavernosus meningioma, foramen magnum meningioma, petrous apex meningioma)
- Angiofibroma
- Papilloma
- Osteoma

Malignant tumors

- Esthesioneuroblastoma
- Adenocarcinoma
- Squamous cell carcinoma (SCC)
- Adenoidcystic carcinoma
- Metastasis

Pituitary gland tumors

- Pituitary adenoma
- Craniopharyngioma
- Rathke's cleft cyst

Bone and cartilage-derived tumors

- Chordoma
- Chondroma
- Chondrosarcoma
- Osteoma
- Fibroma
- Fibrosarcoma
- Fibrous dysplasia

Jugular foramen tumors

- Meningeoma
- Neurinoma
- Chemodectoma
- Metastasis

Foramen magnum tumors

- Meningeoma
- Neurinoma
- Bony malformations
- Arnold-Chiari malformation

Tumors at the craniocervical junction

- Meningeoma
- Neurinoma
- Cavernoma
- Fibrous dysplasia

Orbital tumor

Inflammatory lesions of the skull base

Traumatic and congenital lesions

- Encephaloceles
- Abscesses
- Mycotic infections

Traumatic and congenital vascular malformations

- Angioma
- Aneurysm
- Cavernoma
- AV malformation

Traumatic and congenital skull base defects