

## **1 Basics**

- 1.1 Craniotomies Overview
- 1.2 Difference Between Approach and Craniotomy
- 1.3 Craniotomies We Have Omitted from this Book and Why
- 1.4 Positioning
- 1.5 Rigid Head Fixation
- 1.6 Esthetic Considerations in Neurosurgical Procedures
- 1.7 Protection of the Dura Mater
- 1.8 Sinus Laceration
- 1.9 Frontal Sinus Breach and Repair

## **2 Landmarks**

- 2.1 Schematic Cortical Anatomy
- 2.2 Craniocerebral Topography
- 2.3 Identifying Cortical Landmarks and Fiber Tracts in MRI

## **3 Convexity Craniotomies**

- 3.1 Convexity Craniotomy Planning
- 3.2 Planning of Craniotomies at the Skull Convexity Without the Use of Navigation
- 3.3 Supratentorial Convexity Craniotomy

## **4 Midline Craniotomies**

- 4.1 Sinus Crossing Craniotomies - Basic Principles
- 4.2 Supratentorial Midline Craniotomy
- 4.3 Infratentorial Midline Craniotomy

## **5 Skull Base Craniotomies**

- 5.1 Frontal Craniotomies
- 5.2 Frontotemporal Craniotomies
- 5.3 Temporal Craniotomies
- 5.4 Posterior Fossa

## **6 Skull Base Extensions**

- 6.1 Orbitozygomatic Craniotomy
- 6.2 Orbitocraniotomy
- 6.3 Intradural Anterior Clinoidectomy
- 6.4 Far (Enough) Lateral Approach

## **7 Transsphenoidal Approach**

- 7.1 Microsurgical Endonasal Approach
- 7.2 Endoscopic Approach

## **8 Decompressive Hemicraniectomy**

## **9 Approaches to the Orbita**

- 9.1 Frontolateral Approach to the Orbit
- 9.2 Lateral Orbitotomy