

# NEUR SURGERY

THE REGISTER OF THE NEUROSURGICAL MEME

FIRST PUBLISHED RHOTON'S ANATOMY OCTOBER 2003 VOLUME 53 PAGES 1—746

<i>EDITOR'S LETTER TO FIRST PRINTING: Mirabile Visu</i>	vii
Michael L.J. Apuzzo	
<i>FOREWORD TO FIRST PRINTING: The Brain and Cranial Base: Microsurgical Anatomy and Surgical Approaches</i>	ix
Albert L. Rhoton, Jr.	

## PART 1

### OPERATIVE TECHNIQUES AND INSTRUMENTATION FOR NEUROSURGERY

1. OPERATIVE TECHNIQUES AND INSTRUMENTATION FOR NEUROSURGERY	1
--	---

## PART 2

### THE SUPRATENTORIAL CRANIAL SPACE: MICROSURGICAL ANATOMY AND SURGICAL APPROACHES

1. THE CEREBRUM	29
2. THE SUPRATENTORIAL ARTERIES	81
3. ANEURYSMS	149
4. THE CEREBRAL VEINS	187
5. THE LATERAL AND THIRD VENTRICLES	235
6. THE ANTERIOR AND MIDDLE CRANIAL BASE	301
7. THE ORBIT	331

8. THE SELLAR REGION	363
9. THE CAVERNOUS SINUS, THE CAVERNOUS VENOUS PLEXUS, AND THE CAROTID COLLAR	403

## PART 3

### THE POSTERIOR CRANIAL FOSSA: MICROSURGICAL ANATOMY AND SURGICAL APPROACHES

1. CEREBELLUM AND FOURTH VENTRICLE	439
2. THE CEREBELLAR ARTERIES	461
3. THE POSTERIOR FOSSA VEINS	501
4. THE CEREBELLOPONTINE ANGLE AND POSTERIOR FOSSA CRANIAL NERVES BY THE RETROSIGMOID APPROACH	525
5. TENTORIAL INCISURA	563
6. THE FORAMEN MAGNUM	587
7. THE FAR-LATERAL APPROACH AND ITS TRANSCONDYLAR, SUPRACONDYLAR, AND PARACONDYLAR EXTENSIONS	627
8. THE TEMPORAL BONE AND TRANSTEMPORAL APPROACHES	643
9. JUGULAR FORAMEN	699
10. THE POSTERIOR FOSSA CISTERNS	719

<i>Subject Index</i>	731
----------------------	-----