

# Contents

Foreword by Robert F. Spetzler .....	ix
Foreword by Rokuya Tanikawa .....	xi
Preface.....	xiii
Acknowledgments .....	xxix
<b>Section I: Three Anastomoses</b>	
1 End-to-Side Anastomosis.....	3
2 Side-to-Side Anastomosis .....	15
3 End-to-End Anastomosis .....	31
<b>Section II: Ten Tenets</b>	
4 Dexterity .....	49
5 Donors and Recipients.....	60
6 In the Zone .....	72
7 Cross Clamp.....	80
8 Arteriotomy.....	93
9 Suturing Technique.....	105
10 Tissue Handling.....	125
11 Tightening and Knotting .....	137
12 Bypass Patency.....	149
13 Aneurysm Occlusion.....	163
<b>Section III: Seven Bypasses</b>	
14 Extracranial-Intracranial Bypass .....	171
15 Extracranial-Intracranial Bypass with Interposition Graft.....	236
16 Reimplantation.....	282
17 In-Situ Bypass .....	326
18 Reanastomosis.....	377
19 Intracranial-Intracranial Bypass with Interposition Graft .....	423
20 Combination Bypasses.....	520

**Section IV: Bypass Strategy**

**21** MCA Bypass Strategy ..... 597

**22** ACA Bypass Strategy ..... 609

**23** Basilar Artery Bypass Strategy ..... 617

**24** PICA Bypass Strategy ..... 632

**Section V**

Conclusion ..... 641

**Suggested Readings** ..... **647**

**Index** ..... **653**