

Contents

1 The Anatomy of the Pelvic Floor and Sphincters	
JAAP STOKER and CHRISTIAN WALLNER	1
2 Functional Anatomy of the Pelvic Floor	
JOHN O. L. DELANCEY	31
3 Pelvic Floor Muscles-Innervation, Denervation and Ageing	
DAVID B. VODUŠEK	45
4 Imaging Techniques	61
4.1 Evacuation Proctography and Dynamic Cystoproctography	
STUART A. TAYLOR and STEVE HALLIGAN	61
4.2 Dynamic MR Imaging of the Pelvic Floor	
JOEL G. FLETCHER, ADIL E. BHARUCHA, and HASSAN SIDDIKI	75
4.3 MRI of the Levator Ani Muscle	
WOLFGANG H. UMEK and JOHN O. L. DELANCEY	89
4.4 Endoanal Ultrasound	
CLIVE I. BARTRAM	101
4.5 Pelvic Floor Ultrasound	
HANS PETER DIETZ	115
4.6 Endoanal Magnetic Resonance Imaging	
ANNETTE C. DE BRUIJNE-DOBLEN and JAAP STOKER	131
4.7 Urodynamics	
FADI HOUSAMI and PAUL ABRAMS	143
4.8 Anorectal Physiology	
ANTON V. EMMANUEL	157
5 Urogenital Dysfunction	165
5.1 Surgery and Clinical Imaging for Pelvic Organ Prolapse	
DOUGLASS S. HALE	165
5.2 Urinary Incontinence: Clinical and Surgical Considerations	
JAN-PAUL ROOVERS and MATTHIAS OELKE	187

6 Coloproctological Dysfunction	211
6.1 Constipation and Prolapse	
STEVE HALLIGAN	211
6.2 Investigation of Fecal Incontinence	
ADIL E. BHARUCHA	229
6.3 Surgical Management of Fecal Incontinence	
STEVEN D. WEXNER and SHERIEF SHAWKI	245
Subject Index	265
List of Contributors	273
