

# Contents

*List of contributors* vii

*Foreword* xi

*Preface* xiii

---

## Section 1 – Neurological control of pelvic organ functions

- 1 **Neurological control of the bladder in health and disease** 1  
Derek J. Griffiths and Apostolos Apostolidis
- 2 **Neurological control of the bowel in health and disease** 25  
Prateesh M. Trivedi and Derek J. Griffiths
- 3 **Neurological control of sexual function in health and disease** 40  
Clare J. Fowler, Jalesh N. Panicker and Rajesh B. C. Kavia

## Section 2 – Evaluation and management

- 4 **Approach and evaluation of neurogenic bladder dysfunction** 61  
Jalesh N. Panicker, Vinay Kalsi and Marianne de Sèze
- 5 **General measures and non-pharmacological approaches** 79  
Jeanette Haslam, Gwen Gonzales and Collette Haslam
- 6 **Neurogenic bladder dysfunction: pharmacological interventional approaches** 89  
Apostolos Apostolidis, Soumendra Nath Datta, Xavier Gamé and Shahid Khan
- 7 **Neurogenic bladder dysfunction: surgical interventional approaches** 112  
Xavier Gamé, Thomas M. Kessler, Sohier Elneil and Rizwan Hamid

---

## 8 **Approach and evaluation of neurogenic bowel dysfunction** 127

Klaus Krogh

## 9 **Neurogenic bowel management** 138

Maureen Coggrave and Anton Emmanuel

## 10 **Evaluation and management of neurogenic sexual dysfunction** 153

Charlotte Chaliha, Catherine M. Dalton, Sohier Elneil and Thomas M. Kessler

## Section 3 – Specific conditions

### 11 **Cortical and subcortical disorders** 167

Ryuji Sakakibara, Clare J. Fowler and Takamichi Hattori

### 12 **Parkinson's disease** 187

Ryuji Sakakibara, Clare J. Fowler and Takamichi Hattori

### 13 **Multiple system atrophy** 206

Ryuji Sakakibara, Clare J. Fowler and Takamichi Hattori

### 14 **Multiple sclerosis and other non-compressive myelopathies** 220

Catherine M. Dalton, Giuseppe Preziosi, Shahid Khan and Marianne de Sèze

### 15 **Spinal cord injury** 241

Xavier Gamé and Rizwan Hamid

### 16 **Spina bifida and tethered cord syndrome** 255

Thomas M. Kessler and Gustav Kiss

### 17 **Pelvic organ dysfunction following cauda equina damage** 266

Simon Podnar and Clare J. Fowler

Cambridge University Press

978-0-521-19831-8 - Pelvic Organ Dysfunction in Neurological Disease: Clinical Management and Rehabilitation

Edited by Clare J. Fowler, Jalesh N. Panicker and Anton Emmanuel

Table of Contents

[More information](#)

## Contents

18 **Neuromuscular disorders** 278

Jalesh N. Panicker and Hadi Manji

19 **Urinary retention** 293

Jalesh N. Panicker, Ranan DasGupta, Sohier  
Elneil and Clare J. Fowler

---

Appendix 1. Management algorithms 307

Appendix 2. Surveys and questionnaires 312

Index 326

*The colour plates will be found between  
pages 178 and 179.*