

## Editorial

In 2010 GA Santoro, AP Wiczorek, and CI Bartram edited a comprehensive new textbook entitled *Pelvic Floor Disorders Imaging and Multidisciplinary Approach to Management*. This work is published by Springer and contains contributions from many of the most renowned International pelvic physicians and surgeons. The work presents a special emphasis on the role of diagnostic imaging.

Pelviperineology is pleased to announce that we will be publishing a series of articles highlighting the different sections of this landmark book in the months to come.

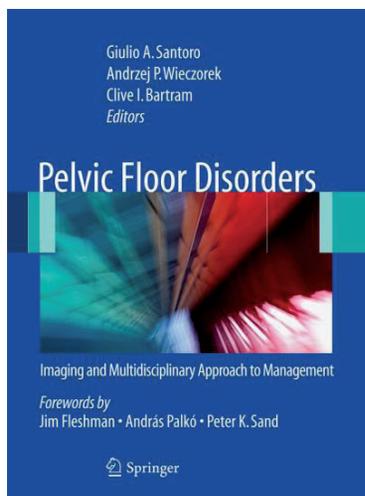
It goes without saying that this innovative work is a completely new approach covering the diagnosis and management of pelvic problems in one comprehensive volume.

This approach enables the reader to develop a sound understanding of the pathophysiology of pelvic disease seen through the window provided by the latest imaging techniques. It highlights the importance of the imaging of pelvic floor disorders especially with the advent of new innovative technologies in many areas. This work covers both diagnosis and management. The decision how to treat should arise from a comprehensive understanding of the physiopathology of the relevant disorders and identifying where any anatomical defects are located using the techniques that are so clearly described

This is a multidisciplinary book. It is written by urologists, colorectal surgeons, gynecologists and physiotherapists and supports the concept that the approach to the pelvic floor and pelvic floor disorders should be multidisciplinary.

The International Society for Pelviperineology through our journal is proud to support this work and commend it to our readers. We hope you enjoy the forthcoming articles and will be motivated to obtain your own copy of the book.

BRUCE FARNSWORTH  
drbruce505@yahoo.com.au



GA Santoro, *Regional Hospital Ca' Foncello, Treviso, Italy*; AP Wiczorek, *University of Lublin, Poland*; CI Bartram, *St. Marks Hospital, London (Editors)*

## Pelvic Floor Disorders

### Imaging and Multidisciplinary Approach to Management

Dramatic improvement in imaging techniques (3D ultrasonography, dynamic magnetic resonance) allows greater insight into the complex anatomy of the pelvic floor and its pathological modifications. Obstetric events leading to fecal and urinary incontinence in women, the development of pelvic organ prolapse, and the mechanism of voiding dysfunction and obstructed defecation can now be accurately assessed, which is essential for appropriate treatment decision making. This book, written by the leading experts in the field, will be an invaluable tool for gynecologists, colorectal surgeons, urologists, radiologists, and gastroenterologists with a special interest in this field of medicine, but it will be also relevant to everyone who aspires to improve their understanding of the fundamental principles of pelvic floor disorders.

#### Forewords by

Jim Fleshman  
Andrés Palkó  
Peter K. Sand

2010.XX, 740 p. 500 illus. in color.  
ISBN 978-88-470-1541-8  
Hardcover

#### Contents:

SECTION I	Pelvic Floor Anatomy
SECTION II	Sonographic Anatomy of the Pelvic Floor
SECTION III	Pelvic Floor Damage due to Childbirth
SECTION IV	Urinary Incontinence and Voiding Dysfunction
SECTION V	Fecal Incontinence
SECTION VI	Pelvic Organ Prolapse
SECTION VII	Pelvic Pain
SECTION VIII	Fistula
SECTION IX	Failure or Recurrence after Surgical Treatment

*With the contribution of:* Paul Abrams, Donato Altomare, Roberto Bergamaschi, Kari Bø, Mauro Cervigni, G. Willy Davila, Jan Deprest, John de Lancey, Conor P. Delaney, Hans Peter Dietz, Giuseppe Di Falco, Giuseppe Dodi, Peter L. Dwyer, Anton Emmanuel, Dee Fenner, Julia R. Fielding, Frank A. Frizelle, Gamal M. Ghoniem, Philippe Grange, Thomas Gregory, Steve Halligan, Aldo Infantino, Marek Jantos, Gianfranco Minini, Elizabeth R. Mueller, Edoardo Ostardo, Peter Papa Petros, Francesco Pesce, Johann Pfeifer, Vittorio L. Piloni, Filippo Pucciani, Dmitry Pushkar, Carlo Ratto, Tomasz Rechberger, Bruno Roche, Rebecca G. Rogers, S. Abbas Shobeiri, Jaap Stoker, Abdul H. Sultan, Michael Swash, Ranee Takar, Mario Trompetto, Dominik Weishaupt, Steven D. Wexner.

Pelvic floor dysfunction is the inability to correctly relax and coordinate your pelvic floor muscles to have a bowel movement. Symptoms include constipation, straining to defecate, having urine or stool leakage and experiencing a frequent need to pee. Initial treatments include biofeedback, pelvic floor physical therapy and medications. Appointments & Access. Contact Us. Pelvic Floor Dysfunction Menu. Overview Diagnosis and Tests Management and Treatment Outlook / Prognosis Living With Resources. Pelvic floor disorders encompass all conditions affecting the normal functioning of the pelvic organs, namely the urinary bladder, the uterus and vagina for the ladies, the prostate for the gents, and anorectum. These conditions can lead to dysfunction in the pelvic organs, causing issues such as urinary incontinence, vaginal prolapse or bowel incontinence. Often, pelvic floor disorders arise from the laxity of pelvic ligaments and weakness in the pelvic floor muscles. Pelvic floor disorders occur when the "sling" or "hammock" that supports the pelvic organs becomes weak or damaged. The three main types of pelvic floor disorders are: Urinary incontinence, or lack of bladder control. Fecal incontinence, or lack of bowel control. Pelvic organ prolapse, a condition in which the uterus, bladder and bowel may "drop" within the vagina and cause a bulge through the vaginal canal. People with pelvic floor disorders may experience Pelvic floor disorders are high prevalent diseases that affect different aged women. Two of the most common conditions are urinary incontinence and Pelvic Organ Prolapse (POP) which is a major health care problem, with of 11% of women undergoing surgery for POP and/or urinary incontinence during life time.Â These 3D solids are discretized to apply the Finite Element Method (FEM) to study the biomechanical behavior of pelvic floor muscles contributing to analyze this complex musculature structure.

Pelvic Floor Disorders provides us with the theory behind disorders, the normal and abnormal functional issues, as well as testing and imaging methodology. Not since the classic Coloproctology and the Pelvic Floor by Henry and Swash, has there been a textbook that dealt so thoroughly with the specifics of pelvic floor diseases or disorders. Our experts understand that pelvic floor disorders, such as pelvic muscle spasm, prolapse or urinary incontinence can dramatically affect your daily life. That's why we educate you on the common causes and connect you to physical therapists, nurse practitioners and any necessary specialists to help treat your particular condition. Original Editor - Laura Ritchie. Top Contributors - Laura Ritchie , Kim Jackson , Evan Thomas , Nicole Hills and Vidya Acharya Page Owner - Nilufer Gadgieva As part of the One Page Project. Related online courses on Physioplus. Online Course: Functional Anatomy of the Male Pelvic Floor Online Course: Functional Anatomy of the Male Pelvic Floor Explore the important aspects of the structures and functions of the male pelvic diaphragm Powered by Physiopedia Start course Presented by: Pierre Roscher Pelvic Floor Dysfunction Treatment. Major symptoms we treat. Most of our patients have at least two or more symptoms for pelvic floor dysfunction. See a more detailed list with descriptions of the symptoms at the bottom of this page. Urinary Frequency / Urgency / Hesitancy. Pelvic floor dysfunction is both a local and systemic disorder. Those who visit a doctor looking for pelvic floor dysfunction treatment are often searching for relief from bewildering and troubling symptoms .