Oxidative Stress in Human Reproduction
Shedding Light on a Complicated Phenomenon
This book discusses the role of oxidative stress in the reproductive system. The book reviews endogenous sources, methods of determining its levels in body fluid/tissues, the physiological roles of ROS, as well as its negative effects on the human reproductive processes. Also discussed are multiple extrinsic factors that could induce oxidative stress in the reproductive system. This volume covers various clinical pathologies related to the reproductive system that arise from or produce oxidative stress, both in the male and female. The use of antioxidants as a therapeutic measure to keep ROS levels in check are highlighted, describing the outcome of various clinical studies involving[...]
More on www.springer.com/978-3-319-48416-7
Softcover
2016. XV, 124 p. 9 illus. (SpringerBriefs in Reproductive Biology)
► 53,49 €
ISBN 978-3-319-48416-7
Gewöhnlich versendfertig in 3-5 Werktagen.

Clinical Research Involving Pregnant Women
This book discusses ‘how’ to respectfully and responsibly include pregnant women in clinical research. In sharp contrast, the existing literature predominantly focuses on the reasons ‘why’ the inclusion of pregnant women in clinical research is necessary – viz., to develop effective treatments for women during pregnancy, to promote fetal safety, to reduce harm to women and fetuses from suboptimal care, and to allow access to the benefits of research participation. This book supports the shift to a new default position, whereby pregnant women are included in clinical research unless researchers argue convincingly for their exclusion. This shift raises many as yet unexplored ethical and[...]
More on www.springer.com/978-3-319-26510-0
Hardcover
► 144,44 €
ISBN 978-3-319-41714-1
Erscheinungstermin: March 3, 2017

Ruptured Uterus
The main focus of this book is on ruptured uterus which is a potentially fatal complication during pregnancy. The risk factors and clinical presentation of ruptured uterus vary widely. This book gives an insight into the various possible causes and their presentation. This book aims to sensitize the practicing obstetricians about the need for high level of caution in the deceptive scenarios. The readers would be able to translate the clinical experience and shelf knowledge into every day practice. The cases with similar risks and background will be compiled together under one chapter and at the end of each chapter key points will be highlighted.
<table>
<thead>
<tr>
<th>ISBN</th>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>978-3-319-48425-9</td>
<td>Agarwal</td>
<td>Oxidative Stress in Human Reproduction</td>
</tr>
<tr>
<td>978-3-319-48416-7</td>
<td>Agarwal</td>
<td>Proteomics in Human Reproduction</td>
</tr>
<tr>
<td>978-3-319-26510-0</td>
<td>Baylis</td>
<td>Clinical Research Involving Pregnant Women</td>
</tr>
<tr>
<td>978-3-319-41714-1</td>
<td>Costantini</td>
<td>Female Sexual Function and Dysfunction</td>
</tr>
<tr>
<td>978-981-10-2850-2</td>
<td>Dorairajan</td>
<td>Ruptured Uterus</td>
</tr>
<tr>
<td>978-3-319-52315-6</td>
<td>Goetsch</td>
<td>Fertility Preservation and Restoration for Patients with Complex Medical Conditions</td>
</tr>
<tr>
<td>978-3-319-42675-4</td>
<td>Graziottin</td>
<td>Vulvar Pain</td>
</tr>
<tr>
<td>978-81-322-3602-3</td>
<td>Gunasekaran</td>
<td>Male Infertility</td>
</tr>
<tr>
<td>978-3-319-14859-5</td>
<td>Ismail</td>
<td>Perineal Trauma at Childbirth</td>
</tr>
<tr>
<td>978-3-319-42856-7</td>
<td>Jayaprakasan</td>
<td>Clinical Management of Pregnancies following ART</td>
</tr>
<tr>
<td>978-3-319-40786-9</td>
<td>Krause</td>
<td>Immune Infertility</td>
</tr>
<tr>
<td>978-3-319-32120-2</td>
<td>Kumanov</td>
<td>Puberty</td>
</tr>
<tr>
<td>978-3-319-48730-4</td>
<td>Malvasi</td>
<td>Management and Therapy of Late Pregnancy Complications</td>
</tr>
<tr>
<td>978-981-10-1704-9</td>
<td>Mehta</td>
<td>Colposcopy of Female Genital Tract</td>
</tr>
<tr>
<td>978-3-319-43236-6</td>
<td>Meidan</td>
<td>The Life Cycle of the Corpus Luteum</td>
</tr>
<tr>
<td>978-3-319-42449-1</td>
<td>Pal</td>
<td>Essentials of Menopause Management</td>
</tr>
<tr>
<td>978-3-319-41431-7</td>
<td>Sultan</td>
<td>Frontiers in Gynecological Endocrinology</td>
</tr>
<tr>
<td>978-3-319-32514-9</td>
<td>Tonni</td>
<td>Prenatal Diagnosis of Orofacial Malformations</td>
</tr>
</tbody>
</table>

SPRING 2017 – Title Selection
Medicine – Gynecology
<table>
<thead>
<tr>
<th>ISBN</th>
<th>Author</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>978-3-319-32971-0</td>
<td>Woodruff</td>
<td>Pediatric and Adolescent Oncofertility</td>
<td>Best Practices and Emerging Technologies</td>
</tr>
<tr>
<td>978-3-319-45266-1</td>
<td>Zimmern</td>
<td>Native Tissue Repair for Incontinence and Prolapse</td>
<td></td>
</tr>
<tr>
<td>978-3-319-13892-3</td>
<td>de Souza</td>
<td>Atlas of Imaging in Infertility</td>
<td>A complete guide based in key images</td>
</tr>
</tbody>
</table>
Fertility Preservation and Restoration for Patients with Complex Medical Conditions

This unique book is a comprehensive guide for healthcare providers who treat patients with complex medical conditions but lack the resources to address fertility and sexuality concerns and help patients navigate their fertility decision-making process. It presents up-to-date information concerning fertility preservation and restoration for patients with hereditary cancer syndromes, disorders of sex development, hematologic diseases, genetic disorders of gonadal dysfunction, immunologic diseases, gynecologic diseases, endocrine disorders, and autoimmune and inflammatory diseases. Utilizing a practical, user-friendly format, each chapter discusses the epidemiology, classification, risk... More on www.springer.com/978-3-319-52315-6

Male Infertility

A Clinical Approach

The book aims to bring into focus the current understanding of male reproduction and the pathological basis of failure to reproduce in men. Infertility in men is a common disorder. However, attempts at scientific study of male infertility are of very recent origin. Many questions about the physiology and pathophysiology of male reproduction are still not clear. The chapters are written by authorities in the field with great clinical experience. The primary focus would be on clinical perspective; however emphasis would also be placed on basic research and molecular biology. More on www.springer.com/978-81-322-3602-3

Perineal Trauma at Childbirth

This book aims to address all degrees of perineal trauma as well as interventions to reduce the risk of their occurrence and management of future pregnancies. Perineal trauma affects a significant number of women worldwide every year. The inadequate assessment and management of perineal trauma can cause significant complications to women at a very critical time of their life. These can consequently lead to serious long-term problems. More on www.springer.com/978-3-319-14859-5

Clinical Management of Pregnancies following ART

This book provides a detailed overview of the possible risks associated with ART pregnancies and their clinical management. While most pregnancies following Assisted Reproduction Treatment (ART) will progress normally and without any complications to mother or baby, some women who conceive after ART as well as their babies are at increased risk of pregnancy complications. There are some schools of thoughts proposing pregnancies following IVF should be regarded as being “high risk” and requires special attention. There are various reasons why ART pregnancies may be at higher risk – Female and male age factor, increased chance of multiple pregnancies, underlying cause of subfertility... More on www.springer.com/978-3-319-42856-7
Immune Infertility

Impact of Immune Reactions on Human Fertility

This book offers comprehensive coverage of both basic and clinical aspects of immune reactions responsible for infertility. It has four sections focusing on Sperm antigens, Antisperm antibodies (ASAs), Clinical impact of ASAs, and Immune contraception, and include contributions from leading experts in these fields. This new edition of the book offers a comprehensive update that reflects the very significant advances in reproductive immunology that have been achieved over the past five years, especially related to the sperm proteome, sperm-egg binding/fusion proteins, gene knockout studies, and immunocontraception. Reproductive immunology continues to be a[...]

More on www.springer.com/978-3-319-40786-9

Hardcover
2017. XI, 302 p. 33 illus., 19 illus. in color.
► 167.98 €
ISBN 978-3-319-40786-9

Gewöhnlich versandfertig in 3-5 Werktagen.

Management and Therapy of Late Pregnancy Complications
Third Trimester and Puerperium

This book draws on recently acquired knowledge to provide the reader with comprehensive, up-to-date information on the full range of obstetric complications that may be encountered during the third trimester of pregnancy and puerperium. For each complication, risk factors and clinical presentation are described and detailed guidance is provided on the appropriate treatment. The lucid text is complemented by a wealth of images, diagrams, flow charts, and drawings. The volume has been compiled in collaboration with a large group of gynecologists, obstetricians and internationally renowned scientists to provide an essential guide. Accordingly, the book is of interest to practitioners[...]

More on www.springer.com/978-3-319-48730-4

Hardcover
2017. XIV, 240 p. 143 illus., 126 illus. in color.
► 139.09 €
ISBN 978-3-319-48730-4

Gewöhnlich versandfertig in 3-5 Werktagen. March 2, 2017

Colposcopy of Female Genital Tract

This book aims to promote awareness of and highlight the screening modalities and various treatment options available for the management of cervical pre-invasive lesions. Cervical cancer is the leading cause of malignancy among women worldwide, and deaths due to cervical cancer represent a global health problem. Yet the risk of cervical malignancy can be decreased substantially if the premalignant conditions of the cervix are recognized and treated in a timely manner. Colposcopy is the gold standard for the diagnosis of cervical dysplasia. Accordingly, the book details the fundamentals of colposcopy and colposcopic assessment of the normal and abnormal cervix. With preventive[...]

More on www.springer.com/978-981-10-1704-9

Hardcover
2017. XIV, 240 p. 143 illus., 126 illus. in color.
► 144.44 €

Gewöhnlich versandfertig in 3-5 Werktagen. March 2, 2017

The Life Cycle of the Corpus Luteum

This book describes the life cycle of a unique endocrine gland that is absolutely essential for the establishment and maintenance of pregnancy in all mammalian species. The corpus luteum is unique because it is formed and destroyed every (non-fertile) reproductive cycle. When fertilization occurs, the corpus luteum is rescued or maintained. The processes that control corpus luteum formation, demise (luteolysis), or maintenance are just beginning to be unraveled in recent years; they involve diverse cell types and mechanisms. Some of these processes resemble tumor development—angiogenesis, for instance—but
Interestingly enough, this resemblance is only up to a point. The corpus [...] More on www.springer.com/978-3-319-43236-6

**Hardcover**
2017. XIII, 283 p. 54 illus., 40 illus. in color.
► 181.89 €
ISBN 978-3-319-43236-6
Gewöhnlich versandfertig in 3-5 Werktagen.

**Essentials of Menopause Management**
A Case-Based Approach
Removing the shroud of complexity that had engulfed the field of menopause research and management for more than a decade, this unique, case-based resource discusses a range of topics relevant to the reproductive health of the aging female. The opening section includes chapters covering the symptomatology, epidemiology and impact of the menopausal burden, and reviews in depth the most current evidence on the efficacy, risks and benefits of pharmacological and alternative therapies. Utilizing vibrant case material, the second section details common symptoms of menopause and an individualized approach to management, such as sleep loss, skeletal fragility, sexual dysfunction, hirsutism [...]
More on www.springer.com/978-3-319-42449-1

**Hardcover**
2017. XII, 330 p. 22 illus., 15 illus. in color. (ISGE Series)
► 117.69 €
ISBN 978-3-319-41431-7
Erscheinungstermin: March 26, 2017

**Frontiers in Gynecological Endocrinology**
Volume 4: Pediatric and Adolescent Gynecological Endocrinology
This volume provides a comprehensive, up-to-date overview on pediatric and adolescent gynecological endocrinology. It covers a very wide range of topics with a particular focus on disorders of sex differentiation, pubertal maturation, growth disorders, primary and secondary amenorrhea, menstrual disorders in adolescents and young adults, sexuality, contraception, and pregnancy. The authors are international well-known experts who document the latest clinical experience in this continuously evolving field and provide practical guidance on the evaluation and treatment of female pubertal problems. The book is published within the International Society of Gynecological Endocrinology [...]
More on www.springer.com/978-3-319-41431-7

**Hardcover**
2017. VIII, 237 p. 24 illus., 13 illus. in color. (ISGE Series)
► 64,19 €
ISBN 978-3-319-41431-7
Erscheinungstermin: March 26, 2017

**Prenatal Diagnosis of Orofacial Malformations**
This book describes how different diagnostic techniques may facilitate the prenatal identification of orofacial malformations. The role of standard two-dimensional ultrasound is documented and explained, but detailed attention is also paid to the use of three-dimensional (3D) ultrasound, including the novel 3D reslicing technique, and to the value of complementary magnetic resonance imaging. The malformations considered include cleft lip, cleft lip and palate, ocular malformations, abnormalities associated with fetal aneuploidy, and tumors. These conditions are depicted in numerous high-quality images accompanied by thorough and informative descriptions of imaging findings. The [...] More on www.springer.com/978-3-319-32971-0

**Hardcover**
2017. XIV, 303 p. 26 illus., 16 illus. in color. With online files/ update.
► 96,29 €
ISBN 978-3-319-32971-0
Gewöhnlich versandfertig in 3-5 Werktagen.
Native Tissue Repair for Incontinence and Prolapse

This book demonstrates knowledge on tissue-based procedures for stress urinary incontinence and other pelvic floor related topics. As the field shifts away from using synthetic material for repair, this work presents a new perspective on native tissue repair from the opinions and research of the authors. Written by a panel of expert authors in the field, this text provides high quality, focused information. With established track records the authors illustrate how to perform the procedure vaginally or through open surgery, and inclusion of live surgeries via online video, makes this an invaluable tool for busy surgeons and specialists interested in pelvic floor reconstruction.

More on www.springer.com/978-3-319-45266-1

Hardcover
► 144.44 €
ISBN 978-3-319-45266-1
Erscheinungstermin: February 15, 2017

Atlas of Imaging in Infertility

A complete guide based in key images

This atlas gathers the most frequent imaging findings concerning alterations that cause infertility in both males and in females. Also, it discusses how the images should be analyzed and described, to serve as a guide for the physicians who request and perform these imaging tests. Infertility is a highly prevalent condition – about 10% of couples are infertile with males and females equally affected. This book offers professionals dealing with infertility, including endocrinologists, gynecologists and urologists, a useful guide to the diagnostic imaging tests that are essential in treating these patients. The Atlas of Imag-