



## Frontiers in Gynecological Endocrinology. Volume 1, From Symptoms to Therapies

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- Abstract: This volume represents an up-to-date overview on the major areas of gynecological endocrinology, providing the reader with a complete explanation of female endocrine regulation and metabolism and relevant disorders and treatment. It is published within the International Society of Gynecological Endocrinology (ISGE) Series and is based on the 2013 International School of Gynecological and Reproductive Endocrinology Summer Course. The book covers a very wide range of topics from primary amenorrhea to menopause, from the impact of ovarian surgery on fertility to fertility cryopreservation, from metabolic syndrome and polycystic ovary to premature ovarian failure and from the clinical impact of selective progesterone receptor modulators to the use of progesterone in prevention of premature labor. It will be an important tool for obstetricians and gynecologists, endocrinologists and experts in women's health as well as interested GPs.

Contents:	Part I. Menstrual Dysfunction in Young Women – 1. Pathophysiology and Clinical Assessment of Primary Amenorrhea – 2. Dysfunctional Uterine Bleeding During Adolescence – 3. Dysmenorrhea, Premenstrual Syndrome, and Premenstrual Dysphoric Disorder – 4. Noncontraceptive Benefits of 17 $\beta$ -Estradiol COCs During Adolescence – 5. The Concept of Endometriosis as Chronic Disease: Surgical and Medical Therapy with Hormonal and Nonhormonal Targets and the Influence of Endometriosis on Obstetrical Outcome – Part II. Metabolism, Hyperandrogenism, Body Weight and Reproduction – 6. Vitamin D, Metabolic Disorders and Reproduction – 7. PCOS from Lifestyle to the Use of Inositol and Insulin Sensitizers – 8. Pathophysiology and Clinical Assessment of Hyperandrogenic States – Part III. Ovarian Stimulation, Surgery and Insufficiency – 9. Ovarian Surgery from Puberty Through Reproductive Age and After Menopause – 10. Ovulation Induction: Adverse Effects – 11. Premature Ovarian Insufficiency and Its Fertility Implications – 12. Premature Ovarian Insufficiency: Strategies to Preserve Good Health and Fertility – 13. Treatment with Donor – Part IV. Quality of Life and Sexual Health – 14. Hypoactive Sexual Desire Disorder – 15. Quality of Life and Sexual Health in Breast Cancer Survivors – Part V. Hormone and Pregnancy – 16. Thyroid Disorders and Pregnancy: Diagnostic and Therapeutic Proposal – 17. The Role of Progesterone in the Prevention of Preterm Labour – Part VI. Ovarian Ageing and Menopause – 18. Therapeutic Management of the Menopausal Transition – 19. Menopause-Related Changes in the Musculoskeletal System, Cartilages and Joints – 20. Is It Safe to Prevent and Treat Postmenopausal Osteoporosis? – 21. Menopause, Aging, Pelvic Organ Prolapse, and Dysfunction – 22. The Influence of Sex Steroids on Affairs of the Heart – 23. Reproductive Depression and the Response to Oestrogen Therapy – 24. Body Identical Hormone Replacement – 25. Postmenopause and Ageing: The Concept of Personalized Therapy.
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