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Nota di contenuto	The Professional Responsibility Model of Ethics in Obstetrics and Gynecology -- Immune competent cell populations in the endometrium -- Human Reproduction: From State of the Art to Future Developments "Endometriosis therapeutic approaches" -- The Genetics of Polycystic Ovary Syndrome: From Genome-Wide Association to Molecular Mechanisms -- Genetics and Epigenetics in ART -- Psychosomatic aspects of Infertility -- Thyroid diseases and female infertility -- Fertility and longevity -- Improving IVF Results: How far can we tamper with Human Biology ? -- Ovarian Hyperstimulation Syndrome – OHSS - Pathogenesis and Prevention -- Future of Imaging in Human Reproduction -- New challenges of Echography in Reproduction -- Present role of hormonal contraception in family planning -- Mifepriston for Postcoital Contraception -- Folate-containing oral contraceptive for the prevention of birth defects -- Considering The Pathogenesis Of Atherosclerosis To Explain Cimt-, But Not Cac-Proven Estrogen Atheroprevention In The Elite Trial -- The effect of Oestrogens on Mood -- Menopause and ageing -- Reproductive Hormones and Dementia -- Vaginal aplasia Creatsas vaginoplasty -- IS

reproductive microsurgery dead or has its demise been greatly exaggerated -- Technological breakthroughs in POP surgery -- Preterm birth as a syndrome.

Sommario/riassunto

This first volume of the series of the International Academy of Human Reproduction focuses on new aspects of reproductive medicine, from the professional responsibility model of ethics to the areas of high clinical involvement in human reproduction, such as endometriosis, polycystic ovary, family planning and post-coital contraception. The book discusses fertility and assisted reproductive techniques in the context of genetics and epigenetics as well as psychosomatic and longevity aspects. In addition, it presents new technologies and therapeutic strategies to improve IVF results and prevent ovarian hyperstimulation syndrome, as well the new challenges and the future of imaging in reproduction. Menopause and the effects of estrogens on atero-prevention, mood, and more generally the reproductive hormones impact on dementia and healthy aging are also covered. Further, it includes a section devoted to innovative aspects of gynecological surgery, discussing the treatments of vaginal aplasia, reproductive microsurgery and technological breakthroughs in pelvic organ prolapse surgery. Last, but not least, it examines the syndromic aspects of preterm birth. This volume is a useful and comprehensive tool for gynecologists, obstetricians, endocrinologists and all specialists who deal with women's reproductive health.
