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	Nota di contenuto	Intro -- Foreword -- Preface -- Contents -- Part I: Ethical Issues in Human Reproduction -- Human Reproduction: Religious Perspectives -- Introduction -- The Jewish Law: Halakha -- Jews Law and Infertility -- Christianity -- Roman Catholic Church -- Eastern Orthodox Church

-- The Protestant Church -- Anglican Church -- Islam -- Reproduction in Islam -- Embryo Research -- Hinduism -- Buddhism -- References -- Ethics in Clinical and Imaging Practice in Reproductive Medicine -- Introduction -- Need for Timely Referral -- Ethical Issues in Ultrasound Imaging Practice -- Uterine and Cervical Assessment -- Fallopian Tube -- Ovaries and Cul-de-Sac -- Ethical Issues in Clinical Practice -- Oocyte and Embryo Donation and Surrogacy -- Preimplantation Genetic Analysis (PGA) -- Conclusions -- References -- Reproduction at Advanced Parental Age -- Reproduction at Advanced Parental Age -- Reproduction at Advanced Maternal Age -- Pregestational Considerations -- Gestational and Obstetrical Considerations -- Maternal Mortality -- The Neonate -- Donor Egg-Based Fertility Treatments -- Advanced Paternal Age -- Definition and Incidence of APA -- Fertility and Sperm Parameters at APA -- The Genetic Risks of Advanced Paternal Age -- De Novo Autosomal Dominant Mutations -- Chromosomal Abnormalities -- Other Genetic Risks -- Congenital Anomalies -- Childhood Cancers -- Neurodevelopmental Outcomes -- Schizophrenia -- Autism Spectrum Disorders (ASDs) -- Other Psychiatric Disorders and Neurodevelopmental Outcomes -- Obstetrical Complications Associated with APA -- Ethical Considerations -- The Issue of Choice -- The Welfare of the Child -- The Law and Religion -- Summary and Conclusions -- References -- Cross-Border Reproductive Care: Current State of the Art -- Introduction -- Global Perspective on Cross-Border Reproductive Care -- In Vitro Fertilization. Oocyte Donation -- Embryo Donation -- Sperm Donation -- Preimplantation Genetic Testing -- Surrogacy -- Surrogacy Around the World -- Traditional vs. Gestational Surrogacy -- Multiple Embryo Transfers and Abortions -- Summary -- References -- Uterine Transplantation -- Introduction -- Human Uterine Transplantation -- Experience of the Swedish Team -- Technical Modifications -- Discussion -- References -- Part II: Clinical Challenges: Patients and Therapies -- Pediatric and Adolescent Gynecology Physiology and Pathology -- Introduction -- Anatomy and Physiology -- Pathologic Conditions in Pediatric and Adolescent Gynecology -- Prepubertal Child -- Vulvovaginitis -- Labial Adhesion -- Lichen Sclerosus -- Ovarian Torsion -- Abnormalities of Puberty -- Precocious Puberty -- Delayed Puberty -- Congenital Anomalies of Female Genital Tract -- Gonadal Dysgenesis -- Menstrual Disorders -- Heavy Menstrual Bleeding (HMB) of Puberty -- Polycystic Ovary Syndrome (PCOS) in Adolescents -- Dysmenorrhea and Endometriosis -- References -- Biological Clock in Human Reproduction -- Biological Clock and the Physiology of the Ovulatory Cycle -- Molecular Basis of the Clock Genes -- Pineal and Extrapineal Melatonin Activity -- Biological Clock and Aging of Female Reproductive System -- Biological Clock and Aging of the Male Reproductive System -- Conclusions -- References -- Ovulation Induction by Pulsatile Administration of GnRH: State of the Art -- Physiology of Pulsatile GnRH Administration -- Administration of Pulsatile GnRH in the Human -- Intravenous Administration -- Subcutaneous Administration -- Pulsatile GnRH Administration in Hyperprolactinemia -- Pulsatile GnRH Administration in Hyperandrogenic Ovarian Insufficiency -- Alternatives to GnRH Acting at the Hypothalamic Level -- Naltrexone -- Kisspeptides: An Alternative? -- Conclusion -- References. Pathogenesis of PCOS: From Metabolic and Neuroendocrine Implications to the Choice of the Therapeutic Strategy -- Introduction -- Physiopathology of the PCOS Patients -- Weight and Metabolism -- Hyperandrogenism -- Insulin Resistance -- New Perspectives in the Pathogenesis of PCOS -- Genetics, Metabolism, and PCOS -- The

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Egg Freezing (EEF) -- Conclusion -- References -- Part IV: Prenatal Testing -- Noninvasive Prenatal Testing (NIPT): Past, Present, and Future -- History -- Current Applications and Limitations -- Future -- References -- Kurjak Antenatal Neurodevelopmental Test (KANET): A Useful Tool for Fetal Neurodevelopmental Assessment -- Introduction -- About the KANET -- How to Perform KANET? -- The Results of KANET from the Multicentric Studies -- Short Description of Recent Studies on KANET -- Discussion -- Are There Any Obstacles for the Use of KANET? -- Conclusion -- References -- Part V: Recurrent Implantation Failure and Pregnancy Loss -- Recurrent Implantation Failure -- Introduction -- Maternal Factors -- Uterine Anatomy -- Thrombophilia -- Infection -- Immunological Factors -- The Endometrium -- The Embryo -- Genetics -- Embryonic Factors -- Paternal Factor -- Low Sperm Quality -- Conclusion -- References -- Recurrent Pregnancy Loss -- Introduction -- Prognosis -- Assessment of RPL -- Problems with the Evidence-Based Approach -- Confounding Factors -- The Question Asked of a Meta-Analysis -- Diagnosis -- Genetic Aberrations -- Parental Genetic Aberrations -- Biomarkers -- Maternal Causes of RPL -- Uterine Anomalies -- Antiphospholipid Syndrome (APS) -- The Refractory Patient -- Hereditary Thrombophilias -- Alloimmune Pregnancy Loss -- Intravenous Immunoglobulin -- Intralipid. Filgrastim.
