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Altri autori (Persone)	NascimentoRenato Vilas BoasHenrique
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Nota di contenuto	Intro -- INFERTILITY: GENETIC FACTORS, TREATMENT RISKS AND BENEFITS, SOCIAL AND PSYCHOLOGICAL CONSEQUENCES -- INFERTILITY: GENETIC FACTORS, TREATMENT RISKS AND BENEFITS, SOCIAL AND PSYCHOLOGICAL CONSEQUENCES -- Library of Congress Cataloging-in-Publication Data -- Contents -- Preface -- Chapter 1: Infertility: The Traditional Chinese Medicine Approach to Fertility Management, Menstrual Health, Fertility Awareness and Emotional Well-being -- Abstract -- Introduction -- Part 1: -- Meta-analyses of the Effect of Traditional Chinese Herbal Medicine versus Western Medicine in the Management of Infertility -- Meta-analysis of RCTs -- Meta-analysis of Cohort Studies -- Part 2: TCM Pattern Diagnosis and the Menstrual Cycle -- Discussion -- Conclusion -- Parts 3 and 4: -- Interviews with Women Seeking Holistic Therapies Including Traditional Chinese Medicine to Overcome Infertility -- Prologue -- Part 3: Listen to your Body -- Story 1: A Fertile Menstrual Cycle -- Menstrual Cycle -- Trying to Conceive -- My TCM Experience -- Coping Emotionally -- The Difference between TCM and Western Practitioners -- Story 2: Overcoming Recurrent Miscarriages -- My TCM Experience -- Coping with the Emotions -- Raising Awareness -- Story 3: Overcoming Conception Problems -- Success -- Trying to Conceive -- Turning Point - Believe in Oneself -- Trying Alternative Therapies -- My TCM

Experience -- Finding out I Was Pregnant -- Doctors' Influence and Responsibility -- My Second Pregnancy with Twins -- Story 4: Overcoming Secondary Infertility -- My First Two Children -- Trying to Conceive for the Third Time -- My Experience with Naturopathy -- Miscarriage -- IVF or Not? -- The Idea of Traditional Chinese Medicine -- My TCM Experience -- Menstrual Changes -- Diet Influences Basal Body Temperature, Fertility and General Well-being -- One Step Forward, Two Steps Back.

My Experience with TCM Herbal Therapy -- Part 4: Unexplained Infertility Explained -- Story 5: Temperature Charts -- Unexplained Infertility -- Unexplained Explained -- Regulating the Menstrual Cycle with TCM -- Complementing of IVF Treatment with TCM -- Story 6: Low Temperature and Oligomenorrhea -- Unexplained Infertility -- Treating Oligomenorrhea and low BBT with TCM -- Story 7: High Temperature and Recurrent Miscarriages -- Story 8: Intestinal Candida -- Unexplained Infertility -- Holistic Approach to Infertility through TCM -- Story 9: Candida and Temperature -- Unexplained Infertility -- Unexplained Explained -- Story 10: Inflammation and Food Intolerance -- Acknowledgments -- References -- Chapter 2: Adverse Outcomes of Assisted Reproduction Techniques -- Abstract -- Introduction -- Ovarian Hyperstimulation Syndrome -- Diagnosis -- Treatment and Prevention -- Ectopic Pregnancy -- Diagnosis -- Human Chorionic Gonadotropin -- Transvaginal Ultrasound -- Treatment -- Medical Treatment -- Surgical Treatment -- Expectant Management -- Multiple Pregnancy -- Perinatal Outcomes -- Children Conceived by ART -- Birth Defects -- Chromosomal Abnormalities -- Epigenetic Inheritance -- Growth and Physical Health -- Neurological Development -- Psychosocial and Familiar Development -- References -- Chapter 3: The Impact of Follicular Fluid Components and Embryo-endometrial Cross-talk on the Oocyte Quality or Embryo Viability: Search for New Biomarkers -- Abstract -- Introduction -- Assisted Reproductive Technologies - On the Search of "Positive" and "Negative" Predictive Markers -- What is the Role of Genetic Alterations in Infertility? -- p53 - A New Player in Reproduction Regulation -- The Role of LIF in Embryo Implantation -- The Role of IL-11 in Endometrial Decidualisation -- The Oocyte - Another Key Player in the Success of Implantation. Oxidative Stress in Follicular Fluid (FF) - A Field for Search of Valid Biomarkers? -- Infertility in Endometriosis Patients -- Role of NK Cells in Endometriosis and Infertility in General -- Conclusion -- Acknowledgment -- References -- Chapter 4: The Potential Effect of Clinician-Induced (Iatrogenic) Damage Incurred During Fertility Treatment Upon Gamete Competence and Embryonic Viability -- 1Nuffield Department of Obstetrics and Gynaecology, Women's Centre, John Radcliffe Hospital, Headington, Oxford, UK -- Abstract -- Introduction -- Embryo Culture -- Sperm Processing in ART -- Density-Gradient Centrifugation (DGC) -- and Swim-up (SUP) Protocols -- Cryopreservation -- and Fertility Preservation -- The Effects of Freeze-Thawing upon Sperm -- Embryo Cryopreservation -- Cryopreservation and Vitrification of Oocytes -- Conclusion and Future Perspectives -- References -- Chapter 5: Genetic Factors of Male Infertility -- Abstract -- Introduction -- X-Chromosome Abnormalities and Infertility -- Meiotic Drive and Sexually Antagonistic Genes -- Chromosomal Aneuploidies -- Klinefelter Syndrome -- Y-Chromosome Microdeletions -- Other Structural Anomalies -- Other Sex Chromosome Aneuploidies -- Kallmann Syndrome -- Congenital Bilateral Absence of the Vas Deferens (CBAVD) -- Androgen Insensitivity Syndromes -- Complete Androgen Insensitivity -- Partial Androgen Insensitivity -- Minimal Androgen Insensitivity -- Defects in

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Sommario/riassunto

Infertility affects about 15% of couples in western societies. In addition to isolation, infertility challenges women's sense of identity, expectations of their life trajectory and their perceived value in society. This book presents current research on the genetic factors, treatment risk and benefits, and social and psychological consequences of infertility. Topics include the traditional Chinese medicine approach to fertility management; adverse outcomes of assisted reproduction techniques; the impact of follicular fluid components and embryo-endometrial cross-talk on the oocyte quality or embryo viability; iatrogenic damage incurred during fertility treatment upon gamete competence and embryonic viability; genetic factors of male infertility; animal models for studying female infertility; and treatment of endometriosis associated with infertility.
