

1. Record Nr.	UNINA9910300229503321
Titolo	Unexplained Infertility : Pathophysiology, Evaluation and Treatment // edited by Glenn L. Schattman, Sandro C. Esteves, Ashok Agarwal
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2015
ISBN	1-4939-2140-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (348 p.)
Disciplina	610 612.6 616.6 618.1
Soggetti	Reproductive medicine Gynecology Urology Reproductive Medicine Gynecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Part I: Definitions and Epidemiology -- Definitions and Relevance of Unexplained Infertility in Reproductive Medicine -- Definitions and Epidemiology of Unexplained Male Infertility -- Controversies Surrounding the 2010 World Health Organization Cutoff Values for Human Semen Characteristics and Its Impact on Unexplained Infertility -- Definitions and Epidemiology of Unexplained Female Infertility -- Part II: Pathophysiology: Male -- Sperm Biology from Production to Ejaculation -- Idiopathic Infertility: Survival and Function of Sperm in the Female Reproductive Tract -- Potential Male Etiologies of Unexplained Infertility -- Genetic Basis of Unexplained Male Infertility -- Role of the Immune System in Unexplained Male Infertility -- Oxidative Stress in Unexplained Male Infertility -- Role and Significance of Sperm Function in Men with Unexplained Infertility -- Role of Environmental Factors and Gonadotoxin Exposure in Unexplained Male Infertility -- Part III: Pathophysiology: Female -- Potential Female Etiologies of Unexplained Infertility -- Oxidative Stress in Unexplained

Female Infertility -- Role of Environmental Factors and Gonadotoxin Exposure in Unexplained Female Infertility -- Cervical Hostility and Vaginal pH in Females with Unexplained Infertility -- Role of Endometrial Receptivity in Unexplained Infertility -- Fallopian Tube Dysfunction in Unexplained Infertility -- Subtle Endometriosis and Unexplained Infertility -- Part IV: Evaluation -- Evaluation of Women with Unexplained Infertility -- Evaluation of Men with Unexplained Infertility -- Part V: Expectant, Medical and Surgical Treatment -- The Role of Expectant Management for Couples with Unexplained Infertility -- Treatment and Prognosis of Immunological Factors in Unexplained Male Infertility -- Medication Strategies for the Male with Unexplained Infertility -- Clomiphene Citrate for Women with Unexplained Infertility -- Aromatase Inhibitors in the Treatment of Unexplained Female Infertility -- Gonadotropins for Women with Unexplained Infertility -- Part VI: Assisted Reproductive Techniques and Future Perspectives -- Gonadotropin in Assisted Reproduction: An Evolution Perspective -- Intrauterine Insemination in Unexplained Female Infertility -- Role of In Vitro Fertilization in Unexplained Female Infertility -- Role of Assisted Reproduction Techniques in the Management of Unexplained Male Infertility -- Future Perspectives in the Diagnosis and Management of Unexplained Male Infertility.

Sommario/riassunto

Written and edited by leading, internationally recognized clinicians and scientists in reproductive medicine and related fields, this unique text is a practical and comprehensive review of the clinical and scientific significance of unexplained male and female infertility and its management. The book is divided into thematic sections to ensure the most useful presentation of topics, opening with definitions and epidemiology of unexplained infertility, including discussion of the WHO's cutoff values for human semen characteristics and its ramifications. Sections covering male and female reproductive pathophysiology follow respectively, covering biological, genetic and environmental causative factors, with a subsequent section on evaluative techniques for male and female patients. Expectant, medical and surgical treatment strategies comprise the fifth section of the book, where active interventions and outcomes of each treatment modality are carefully considered. The final section discusses assisted reproductive techniques to manage unexplained infertility, such as intrauterine insemination and in vitro fertilization, as well as future perspectives. Thoughtful and enlightening, *Unexplained Infertility: Pathophysiology, Evaluation and Treatment* will be an invaluable resource for all clinicians and scientists working in the fields of reproductive medicine and infertility.
