1. Record Nr. UNINA990000092530403321

Autore	Vahlen, Theodor
Titolo	Abstrakte geometrie : untersuchungen uber die grundlagen der Euklidiscken und nicht Euklidischen geometrie / von Theodore Bahlen
Pubbl/distr/stampa	Leipzig : G. Hirzel, 1940
Descrizione fisica	X, 224 p. : ill. ; 28 cm
Collana	Deutsche mathematik ; 2
Disciplina	516
Locazione	FINAG
Collocazione	23 20 C 15
Lingua di pubblicazione	Italiano
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Livello bibliografico	Monografia

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Titolo	Current and Future Advances in Male Infertility : A Compendium for Clinicians and Researchers / / edited by Ashok Agarwal, Ramadan Saleh, Florence Boitrelle, Rupin Shah
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024
ISBN	3-031-62648-6
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Section I: Declining Male reproductive Health -- Clinical implications of

WHO 6th edition on semen analysis -- Endocrine disrupting chemicals (EDCs) and male Infertility -- Lifestyle modifications and male Infertility -- Impact of testicular/non-testicular cancer on male fertility -- Section II: Sperm Chromatin Integrity and Fertility -- Impact of sperm DNA fragmentation (SDF) on natural and assisted conception -- Section III: Male Oxidative Stress Infertility (MOSI) -- Pathophysiology of seminal oxidative stress -- Management of male oxidative stress infertility (MOSI) -- Section IV: Genetics and Epigenomic of Male Infertility -- Advances in genetics of male infertility -- Epigenetic alterations in male infertility -- Section V: Varicocele Revisited -- New insights into the patho-physiology of varicocele in male infertility -- Clinical dilemmas and controversies in varicocele management -- Section VI: Management of Male Accessory Gland Infection (MAGI) -- Challenges in the diagnosis and treatment of MAGI -- Section VII: Sexual Dysfunction in Male Infertility -- Epidemiologic features and management of sexual dysfunctions in infertile men -- Section VIII: Current Challenges and Future Perspectives of Male Infertility -- Hypogonadism in infertile men: a clinical minefield -- Challenges in the management of non-obstructive azoospermia (NOA) -- Alternative approaches to treatment of male infertility -- A comprehensive guide to sperm optimization prior to ART -- Role of artificial intelligence in the management of male infertility -- New frontiers of research and therapy in male infertility.

Sommario/riassunto

Infertility is an important health problem affecting around 15% of couples worldwide, with profound psycho-social consequences and impairment of patients' quality of life. It has been shown that the male factor is solely and partially implicated in 20-50% of the cases of infertility. Male infertility is a complex issue that can be related to a variety of congenital or acquired factors that lead to a decline in the quantity and/or the quality of semen. Over the recent years, there have been major advances in basic understanding of the factors that regulate male fertility, the diagnostic tests for assessment of male fertility potential, and the therapeutic options for the management of male subfertility/infertility. However, despite advances in technologies and diagnostic methods in the field of andrology, there remains a significant subset of these subfertile men who are classified as having unexplained or idiopathic male infertility. In addition, there are ongoing debates and controversies on the clinical management of infertile men under certain conditions like varicocele, genital tract inflammation/infection or non-obstructive azoospermia. This book discusses advances in cellular, molecular, and genetic aspects of spermatogenesis and sperm evaluation in the context of clinical scenarios. It also addresses clinical dilemmas and controversies through a discussion of the basic science underlying these conditions. The authors form an impressive international collaboration to provide a unique perspective that specializes in all key areas of andrology. Current and Future Advances in Male Infertility provides insights into strategies to reduce the burden of male gonadotoxins, to enhance men's fecundity and to help optimize the care of infertile men. It aims to bridge the gap between researchers and clinicians by integrating basic science and clinical application.