Record Nr. UNINA9910253886203321 Autore Hamada Alaa **Titolo** Varicocele and Male Infertility: Current Concepts, Controversies and Consensus / / by Alaa Hamada, Sandro C. Esteves, Ashok Agarwal Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2016 **ISBN** 3-319-24936-3 Edizione [1st ed. 2016.] Descrizione fisica 1 online resource (112 p.) Collana SpringerBriefs in Reproductive Biology, , 2194-4253 Disciplina 616.67 Soggetti Reproductive health Urology Blood-vessels - Surgery Reproductive Medicine Vascular Surgery Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references. Nota di contenuto Definitions and Epidemiology -- Origin and Pathophysiology. - Association Between Varicocele and Infertility -- Varicocele Classification -- Treatment Modalities. - Subclinical Varicocele --Varicocele in Adolescents -- Effect of Varicocele Treatment --Varicocele and Azoospermia -- Cost-effectiveness of Varicocele Treatment -- Guidelines and Best Practice Statements for the Evaluation and Management of Infertile Adult and Adolescent Males with Varicocele. . Sommario/riassunto This SpringerBrief analyzes varicocele from a novel approach, and provides the reader with a comprehensive view of its scientific and clinical significance. The Brief covers all the important aspects of varicocele related to infertility, from epidemiology to assisted reproduction techniques, contemplating pathophysiology, semen analysis, specialized sperm function tests, and clinical management including all available treatment options form three distinct perspectives, i.e., current concepts, consensus and controversies. Each topic is addressed using the same template, offering the best

information from all angles to readers. This SpringerBrief is aimed at

both clinicians and scientists involved in the study and care of male and female fertility, and is written by a team of three internationally recognized authors with expertise in andrology and male infertility. The text is the first of its kind, and presents an invaluable tool both for the basic scientists with an interest in reproductive medicine and for clinicians working in the field of infertility.