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Endocrinopathies and male infertility

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Male reproductive endocrinology has become a topic of great importance, aiming to manage the dramatic decline in male reproductive indices that took place over the last decades, negatively affecting male fertility, sexuality and general well-being. Endocrinopathies remain to be a common finding that is linked to male sub-fertility. And since stability of the endocrine system is a pre-requisite for a normal male reproductive function, a lot of research is focused on studying the reasons behind this unparalleled alteration, implementing better tools of investigation and offering new pharmaceutical products to manage this complex and sensitive problem that reached an incidence of more than 30% in patients visiting fertility clinics. The presentation will highlight on the importance of hormonal evaluation of the infertile male, interpreting the results based on the most up-to-date standards and references, discussing critical papers that pioneered hormonal manipulations in the context of male sub-fertility, identifying the subgroup of patients requiring treatment, becoming knowledgeable about the different pharmaceutical agents commercially available and finally, understanding the various hormonal manipulations and techniques used to boost spermatogenesis, improve fertility index and most importantly improve the male well-being.

Biography

Hussein Kandil is an Urologist specializing in male reproductive, men's health and sexual medicine, graduated from the Division of Urology at St. George Hospital University Medical Centre, in affiliation with University of Balamand, Lebanon. He has completed his Residency at the Division of Urology at Pontoise Regional Hospital and Lens Hospital in France and has obtained his Diploma in Urology in 2008. After completing his Residency in 2009, he joined the Division of Urology at the University of Illinois at Chicago for a Fellowship in Andrology, sub-specializing in Male Reproductive Medicine. In 2017, he has received Fellowship of the American College of Surgeons and received the title FACS. His area of interest lies in in microdissection testicular sperm extraction in the management of non-obstructive azoospermia and has special interest in male reproductive endocrine disorders. He has authored and published on amazon a public manual in English and Arabic, called '*The Male: Pearls of Hope in Male Infertility*', which is a manual that guides males through their journey of male infertility.

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