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Non-obstructive Azoospermia: Management update

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Non-Obstructive Azoospermia (NOA), one of the most complicated challenges faced by most fertility professionals worldwide, with an estimate of 15% among all patients presenting to a fertility clinic and in 1% of the general population. Though the progress has been rendered slow in the past decades, yet recently scientific research started progressing and have paved the way to higher level of understanding and offered more diverse tools that help in the management of patients inflicted with NOA. Such emerging advances included the various forms of medical management and hormonal manipulations, in addition to the more complex surgical sperm retrieval. Learning objectives of the presentation include: Clinic evaluation of the azoospermic patient, the clinical differentiation between obstructive azoospermia and non-obstructive azoospermia, genetic evaluation of NOA patients, role of hormonal manipulations in the management of NOA, updates on the various forms of sperm retrieval techniques, including the microsurgical procedures.

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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