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Management of undescended testes

Cryptorchidism is a common congenital anomaly of newborns that may resolve, persist or first appear in later childhood. It affects 4% to 5% of full-term and in 9% to 30% of premature males at birth. The testis can be found in any position along its usual line of descent; however, approximately 80% will be located in the inguinal region, just outside the inguinal canal. Approximately 20% of undescended testes are nonpalpable and in 20% to 50% of children with nonpalpable testis, the testis is absent. Laparoscopy has been established as the most reliable diagnostic modality for the management of impalpable testes. In experienced hands, laparoscopy is capable of providing nearly 100% accuracy in the diagnosis of the intra-abdominal testis with minimal morbidity. It clearly demonstrates the anatomy and provides visual information upon which a definitive decision can be made. Both internal rings can be inspected; the location and size of the testes, their blood supply and the nature, course and termination of the vas and epididymis can be determined. All of these anatomical landmarks individually or collectively have bearing on the operative management of the impalpable testes. In this presentation we will discuss the phenomena of absent testes in the light of recent discovery of a subgroup of testes that failed to descend from it is embryological subrenal position and likely to be labelled as an absent testis unless one is aware of the complexity of testicular development and descent.

Biography

Amin El-Gohary completed his MBChB in 1972 and his Diploma in General Surgery in 1975 at Cairo University, Egypt. He became a fellow of The Royal College of Surgeons in UK: Edinburgh in 1979, London in 1980, and Glasgow in 1997. Prof. Dr. Amin worked initially in Egypt, and then moved to Kuwait, then to UK, before coming to UAE in 1983. In the same year, he became the Chief and Head of the Department of Pediatric Surgery of a large government hospital. Additionally, he held post as a Medical Director for the same hospital starting 1989. He also held post as the Clinical Dean of Gulf Medical College, Ajman for 3 years. Prof. Dr. Amin is well known in Abu Dhabi for his extensive interest and involvement in scientific activities. He is the President of the Pediatric Surgical Association of UAE. He was awarded the Shield of the College of Pakistan in 1996 and the Medal of International Recognition in pediatric urology from the Russian Association of Andrology in 2010. He was given a Silver Medal from the Royal College of Surgeons – Ireland in 1978 and an Honorary Fellowship from the Royal College of Surgeons – Glasgow in 1997. In 2001, he became a Visiting Professor at Munster University, Germany.

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