

MALE REPRODUCTION AND DYSFUNCTION

PGY1 AND PGY2 OBJECTIVES

MEDICAL EXPERT

<i>Basic Science Knowledge</i>	<p>Able to describe anatomy of the scrotum, testes, paratesticular and cord structures</p> <p>Has understanding and able to describe male reproductive physiology (male reproductive axis, the testes, epididymis, ductus deferens, and spermatozoa)</p> <p>Able to classify the causative conditions involved in male infertility (primary or secondary; pretesticular, testicular and post-testicular)</p> <p>Be able to describe the predisposing, epidemiological and patho-physiological factors that may be involved in infertility.</p> <p>Be familiar with definitions and causes of abnormal results of: seminal fluid characteristics (including: volume, concentration of sperm, pH, motility, and aggregation; sperm morphology; sperm antibodies; and findings of centrifuged samples)</p> <p>Be able to describe how to collect an appropriate semen sample and be familiar with normal results.</p>
<i>Clinical Knowledge</i>	<p>Be able to take an appropriate history of the infertile male</p> <p>Perform a complete physical examination with specific reference to clues of endocrinopathy, and a careful examination of the genitalia.</p> <p>Be able to order and interpret the appropriate diagnostic tests for the evaluation of the infertile male (semen analysis, hormonal studies, imaging studies, vasography, and testicular biopsy)</p> <p>Be able to present a logical sequential management plan for the infertile male</p> <p>Be aware of recommendations of alternate family planning in non-correctable cases.</p> <p>Able to describe symptoms and signs of hydrocele, spermatocele, and testicular torsion</p> <p>Able describe the diagnosis and management of above scrotal diseases</p>
<i>Recognition and Management of Emergencies</i>	<p>Able to diagnose and devise management plan for a patient with suspected torsion of the testicle or acute inflammation of the scrotum</p>
<i>Technical and Procedural Skills</i>	<p>Acquire the skills necessary to fully investigate these patients, including: performing vasography, testis biopsy, urethrography, and cystoscopy.</p> <p>Be aware of the varied surgical approaches for ligating varicoceles.</p> <p>Begin to acquire the skills of TUR of ejaculatory ducts, vasovasostomy, and vasoepididymostomy (PGY 1, 2)</p> <p>Begin acquiring the skills for simple orchidectomy, inguinal orchidectomy, detorsion and fixation of testicles</p> <p>Enhance the skills necessary to perform of TUR of ejaculatory ducts, techniques of vasovasostomy, and vasoepididymostomy (PGY 5)</p>
