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A Rare case of bilateral Scrotal swelling – Paratesticular leiomyoma

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The paratesticular region consists of the spermatic cord epididymis vestigial remnants and tunica vaginalis. The vast majority of paratesticular lesions are benign like cystic lesion of the epididymis. (cyst, spermatocytes), Scrotal fluid collection (hydroceles pyoceles) inflammatory lesion (acute and chronic epididymitis), or hernias.

Leiomyoma of the urinary and male genital tract is extremely rare. It is benign soft tissue tumor that can arise from almost Any site within the genitourinary tract containing smooth muscles. A 68 years old gentlemen presented slow growing bilateral Scrotal swelling of 2 years' duration. Clinical examination revealed firm non tender mass palpable separately from testis around 5×4cm in size in right scrotum and around 4×3cm mass in left scrotum. Leiomyoma are benign often bulky tumour that are derived embryologically from mesenchymal cells. Leiomyoma are usually well circumscribed and are surrounded by a gray white fibrous capsule. Cut surface

shows bulges and exhibits whorled pattern. Histologically the tumour consists of smooth muscles cells arranged in interlacing bundles with varying mixture of fibrous often hyalinised connecting tissue.

References

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Biography

Mrinal Singh Chandrasen has completed his MBBS at the age of 25 years from Pt. Ravi Shankar Shukla University, Raipur, India. He is presently pursuing M.D pathology in SSIMS medical college India. He is member of IAPM.

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