



A RARE CASE OF TESTICULAR TUMOR IN A FEMALE PSEUDOHERMAPHRODITISM ,AT VULVAR REGION

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ABSTRACT

BACKGROUND A benign mature cystic teratoma of the testis is a type of germ cell tumor that originates in the testicular tissue. Like its ovarian counterpart, it consists of well-differentiated tissues from all three germ layers: ectoderm, mesoderm, and endoderm. Teratomas can contain various mature tissues, such as skin, hair, teeth, or glandular tissue

KEYWORDS : cystic teratoma, testicular tissue, germ layers

INTRODUCTION

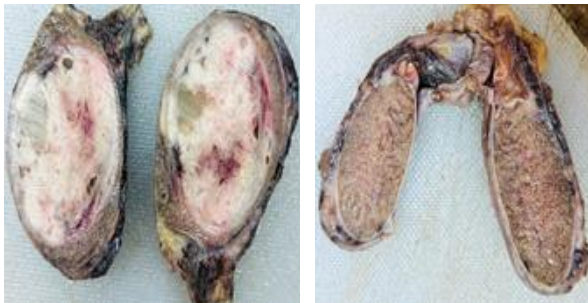
Female pseudo hermaphroditism is a condition where a genetic female has virilized external genitalia, such as a large clitoris and fused urogenital or labioscrotal folds. The incidence of female pseudohermaphroditism is about 1 in 16,000 live births.

Case presentation:

A case of 31 year old female patient presented in our hospital with complaint of bilateral vulvar swelling since birth. Tissue was sent in the pathology department.

Gross:

Received specimen in 2 pieces, external surface of both is congested. Largest measuring 7.5x 4.5 x2.5cm , on cutting cut surface shows multiple tiny cystic space and grey white area measuring 5x 5 x3cm, part of normal testis seen measuring 2x1cm, few cystic areas filled with solid mucinous material. Smaller one measuring 7x2.5x2.5cm, on cutting cut surface shows normal testis like appearance.

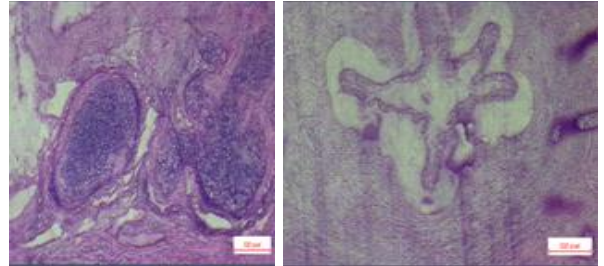


Microscopy :-

Section from larger testis -section shows variegated area comprises of mature chondroid tissue with few cystic areas, cyst lined by pseudostratified ciliated columnar epithelium with fibrocollagenous tissue seen. Another section shows seminiferous tubules with normal spermatogenesis. Histological features are suggestive of - Benign Mature Cystic Teratoma. Section from smaller testis - shows normal histology of testes.

CONCLUSION

This is a rare condition and presence of testis at abnormal site can lead to complication, such as seminoma and other tumor so early detection is required.



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