

**Common Indications** QUIZ

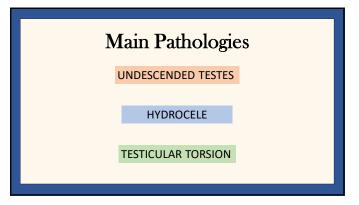
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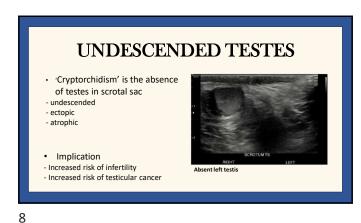
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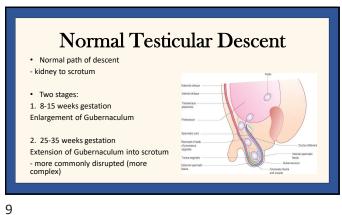
**Common Indications** Hemi scrotum pain Trauma Unable to palpate testis Palpable lump in groin/scrotum **Scrotal swelling** 

Role of Ultrasound What we assess Scanning tips - Testes location - High frequency linear - Size and echotexture transducer - Vascularity - Warm gel to prevent - Mobility cremaster reflex

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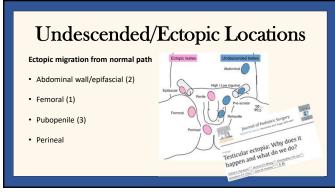






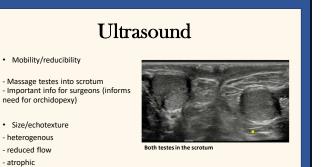
**Abnormal Testicular Descent** Abnormal descent - incomplete migration along path - ectopic migration from path Failure at 8-15/40 - remain intraabdominal Failure at 25-35/40 - localized between deep inguinal ring and scrotum Ectopic location

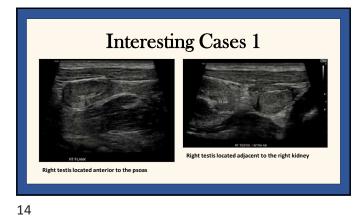
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Locating the Testes · Incomplete migration - Follow path of descent (kidney to - Good search of inguinal canal · Ectopic location - second set of eyes - state limitations Right testis in inguinal canal

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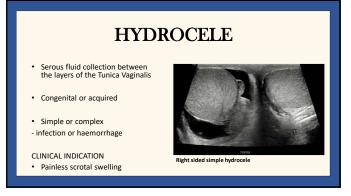




- heterogenous

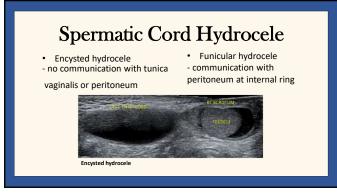
- reduced flow

- atrophic



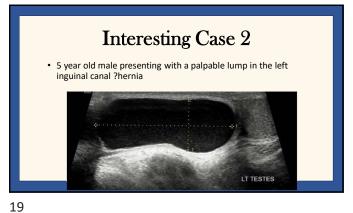
Types Non-communicating - imbalance between production and absorption of serous fluid Communicating - 'spermatic cord' hydrocele - Patent processus vaginalis - Free flow of fluid from peritoneum

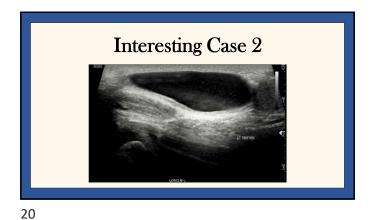
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Role of Ultrasound · Volume of fluid • Communication with tunica vaginalis/peritoneum • Mobile echoes · Size and echotexture of testes Vascularity Large left sided hydrocele

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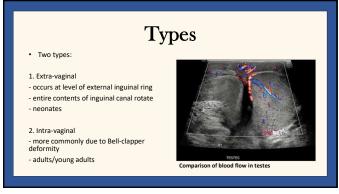






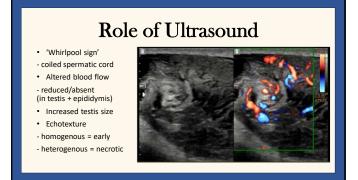
## **TESTICULAR TORSION** · Twisting of spermatic cord · Reduced or absent blood flow • Common cause: Bell-clapper - high attachment of tunica vaginalis Absent blood flow in the right testis

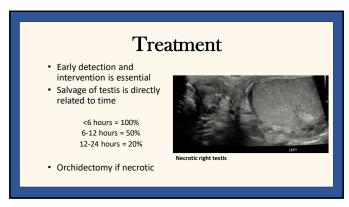
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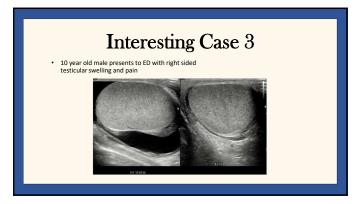


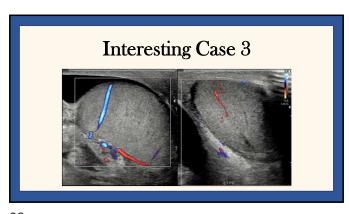
**Clinical Presentation**  Majority spontaneous or due to minor trauma Sudden onset of severe pain · Nausea/vomiting · Absence of fever/urethral discharge • Symptoms may be intermittent - torsion/de-torsion

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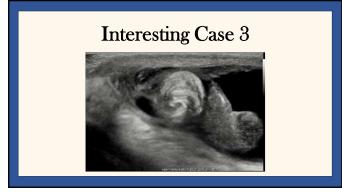


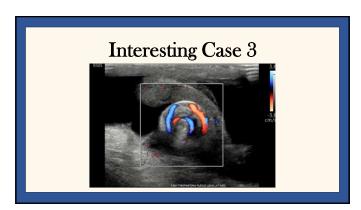






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