

**Color duplex ultrasonography
Examination of intra scrotal
Pathological lesions**

Protocol of thesis

Submitted parietal fulfillment

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Summary

Ultrasonography should be used selectively as an accurate tool rapid and safe tool that can be used in the diagnosis of patients with scrotal disease.

Ultrasound also help to diagnose intra scrotal fluid collection like hydrocele and assess whether its complicated by secondary infection or its hemorrhagic in origin

The addition of CFD permits an assessment of the vascularity in and around the lesion as in certain disease where the, gray –scale findings are absent or non specific ,may contribute to the correct diagnosis.

Color duplex sonography is sensitive tool for diagnosing epididymo-orchitis to detect its complication like epididymal or testicular abscess and its accurate method for differencing inflammation from torsion so, its advised as primary imaging method for every case of acute scrotal pain.