

TRANS ABDOMINAL SONOGRAPHY OF THE SMALL & LARGE INTESTINES

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Trans Abdominal Sonography of the Small & Large Intestines can reveal following diseases. Bacterial & Viral Entero-Colitis. An Ulcer, whether it is superficial, deep with risk of impending perforation, Perforated, Sealed perforation, Chronic Ulcer & Post-Healing fibrosis & stricture. Polyps Diverticulum. Benign intra-mural tumour, Intra-mural haematoma, Intestinal Ascariasis. Foreign Body, Necrotizing Entero-Colitis, Tuberculosis, Intussusception, Inflammatory Bowel Disease, Ulcerative Colitis, Cronhs Disease. Complications of an Inflammatory Bowel Disease – Perforation, Stricture. Neoplastic lesion is usually a segment involvement, & shows irregularly thickened, hypoechoic & aperistaltic wall with loss of normal layering pattern. It is usually a solitary stricture & has eccentric irregular luminal narrowing. It shows loss of normal Gut Signature. Enlargement of the involved segment seen. Shouldering effect at the ends of stricture is most common feature. Primary arising from wall itself & secondary are invasion from adjacent malignancy or distant metastasis. All these cases are compared & proved with gold standards like surgery & endoscopy.

Some extra efforts taken during all routine or emergent ultrasonography examinations can be an effective non-invasive method to diagnose primarily hitherto unsuspected benign & malignant Gastro-Intestinal Tract lesions, so should be the investigation of choice.