

6th Global Gastroenterologists Meeting

August 11-12, 2016 Birmingham, UK

Trans-abdominal sonography of the small & large intestines

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Trans-abdominal sonography of the small & large intestines can reveal many diseases like bacterial & viral entero-colitis, an ulcer, whether it is superficial, deep with risk of impending perforation, perforated, sealed perforation, chronic ulcer & post-healing fibrosis & structure. polyps & diverticulum, benign intra-mural tumours, intra-mural haematoma, intestinal ascariasis, foreign body, necrotizing entero-colitis, tuberculosis, intussusception, inflammatory bowel disease, ulcerative colitis, Crohn's disease, complications of an inflammatory bowel disease – perforation, structure. 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 with enlargement of the involved segment. 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.

Biography

Vikas Leelavati Balasaheb Jadhav has completed Postgraduation in Radiology in 1994. He has a 19 Years of experience in the field of Gastro-Intestinal Tract Ultrasound & Diagnostic as well Therapeutic Interventional Sonography. He has four Indian Patents & an International Patent published on his name in the field of Gastro-Intestinal Tract Sonography & the Radiology, since 2008. He has delivered many Guest Lectures in Indian as well International Conferences in nearly 20 countries as an Invited Guest Faculty, since 2000. He is a Consultant Radiologist & the Specialist in Unconventional Gastro-Intestinal Tract Ultrasound & Diagnostic as well Therapeutic Interventional Sonologist in Pune, India.

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