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## Sonography of the Neoplastic Diseases in the Gastro-Intestinal Tract

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Sonography of the gastro-intestinal tract can reveal intra-mural tumours, intra-mural haematoma, lesions of Ampulla of Vater like benign & infiltrating mass lesions. 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 is seen. Shouldering effect at the ends of stricture is most common feature. Enlarged lymphnodes around may be seen. Primary arising from wall itself & secondary are invasion from peri-Ampullary 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:

Dr. Vikas Leelavati Balasaheb Jadhav has completed post graduation in radiology in 1994. He has a 24 Years of experience in the field of gastro-intestinal tract ultrasound & diagnostic as well therapeutic interventional sonography. He is the pioneer of gastro-intestinal tract sonography, especially gastro-duodenal sonography. He has delivered many guest lectures in Indian as well International Conferences in nearly 27 countries as an invited guest faculty, since March 2000. He is a consultant radiologist & the specialist in conventional as well unconventional gastro-intestinal tract ultrasound & diagnostic as well therapeutic interventional sonologist in Pune, India.