Ultrasound Markers in Evaluation of Hernias

Authors: Aniruddha Kulkarni

Abstract: In very few cases of external hernias we require imaging modalities as on most occasions clinical examination tests are good enough. Ultrasound will help in chronic abdominal or groin pain, equivocal clinical results & complicated hernias. Ultrasound is useful in assessment of cause of raised intrabdominal pressure. In certain cases will comment about etiology, complications and chronicity of lesion. Screening of rest of abdominal organs too is important advantage being real time modality. Cost effectiveness, no radiation allows modality be used repeatedly in indicated cases. Sonography is better accepted by patients too as it is cost effective. Best advanced tissue harmonic equipment and increasing expertise making it popular. Ultrasound can define surgical anatomy, rent size, contents, etiological/recurrence factors in great detail and with authority hence accidental findings in a planned surgical procedure can be easily avoided. Clinical dynamic valselva and reducibility test can better documented by real time ultrasound study. In case of recurrence, Sonography will help in assessing the hernia details better as being dynamic real time investigation. Ultrasound signs in case of internal hernias are well comparable with CT findings.

Keywords: laparoscopic repair, Hernia, CT findings, chronic pain

Conference Title: ICR 2014 : International Conference on Radiology

Conference Location: Bangkok, Thailand

Conference Dates: December 24-25, 2014