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Diagnostic accuracy of Doppler ultrasound for diagnosis of endometrial carcinoma in postmenopausal bleeding women

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Aim: The aim of the study is to determine the diagnostic accuracy of transabdominal ultrasound for diagnosis of endometrial carcinoma in postmenopausal bleeding women taking histopathology as gold standard. The study was conducted in Department of Radiology, Services Hospital, Lahore.

Method: A total of 345 cases fulfilling the inclusion/exclusion criteria were enrolled from Obstetrics & Gynecology Department, SIMS, Lahore. Doppler ultrasound was performed. Endometrial thickness and uterine artery resistive index was recorded. Patients having endometrial thickness >5 mm and uterine artery resistive index <0.7 were labeled as endometrial carcinoma. Endometrial biopsy of these patients was carried out.

Conclusion: Use of Doppler ultrasonography in the diagnosis of endometrial carcinoma in patients with post-menopausal bleeding is useful with good sensitivity, specificity, PPV and NPV.

Biography

Naseera Khanum is FCPS from Pakistan in Diagnostic Radiology under College of Physicians and Surgeons, Pakistan. She is currently working as a Breast Imaging Fellow in Shaukat Khanum Memorial Cancer Hospital, Pakistan.

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