



Comparison of staging by MRI and histopathology in women with endometrial carcinoma

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INTRODUCTION

Endometrial cancer is the **6th** most common cancer among women

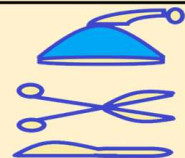


Classified according to histological type and grade

MRI is the imaging modality of choice for pre-operative staging



Risk Stratification is based on the histological type/grade and the MRI stage



Low risk disease is managed by surgical resection

Lymphadenectomy with adjuvant radiotherapy is reserved for high risk disease



OBJECTIVE

To compare staging by MRI and histopathology in women with endometrial carcinoma

METHODOLOGY

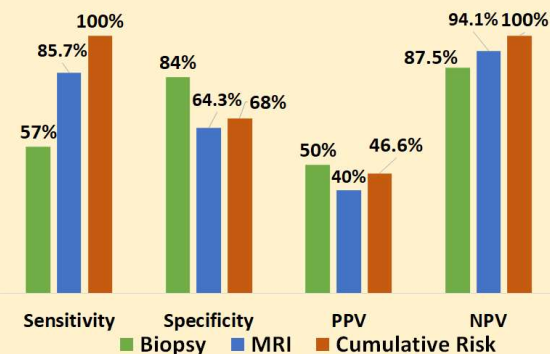
A Retrospective study including **32** cases of endometrial cancer diagnosed on biopsy

PRIMARY OUTCOME: Diagnostic value of preoperative MRI in risk stratification and staging was compared with the surgical specimen histopathology
SECONDARY OUTCOME: To assess the role of both MRI and preoperative biopsy in preoperative risk assignment

DATA ANALYSIS

PPV, NPV, Sensitivity and Specificity of Preoperative Biopsy, MRI and both Biopsy and MRI combined in detecting low-risk and high-risk disease were calculated using SPSS version 23

RESULTS



CONCLUSION

Although MRI is useful in preoperative staging and risk assessment of endometrial carcinoma but as the sensitivity and PPV for high risk group detection were low other modalities may need to be considered in adjunct for the decision of lymphadenectomy.