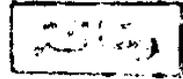


**MAGNETIC RESONANCE IMAGING  
OF UTERINE NEOPLASM**



**Essay**

*Submitted For The Partial Fulfilment Of  
The Master Degree In Radiodiagnosis*

Faculty of Medicine  
Ain Shams University



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**Introduction  
and  
Aim of The Work**



Magnetic resonance imaging is an important diagnostic tool in studying the uterine neoplasm. The clinical application of magnetic resonance has opened a new diagnostic field that holds great promise for gynaecology. It appears well suited for studying the female pelvis because it is non invasive, has soft tissue contrast resolution and has the capacity to produce multidirectional images.

MRI of uterine neoplasm display the pelvic anatomy and provides an excellent method for evaluating the uterine zonal anatomy and the appearance of uterus in response to different neoplastic conditions. (*Stark and Bradely, 1988; Haricak et al., 1991*).

The aim of this study is to show the ability of magnetic resonance imaging to demonstrate the different neoplastic conditions of the uterus and their relation to the surrounding pelvic structures. The work will includes:

- Basic anatomy and histology of the uterus
- MRI anatomy of the female pelvis
- Pathology & clinical picture of uterine neoplasm
- Technique of MRI examination of the female pelvis
- MRI manifestations of uterine neoplasm with illustrative cases
- Summary & conclusion
- Arabic summary
- References



**ANATOMY**

