

INDEX OF CONTENTS

	Page
I. Introduction and aim of the work	1
II. Review of literature	
1. Anatomy of the breast	3
2. Pathology of different breast lesions	8
3. MR physical principles and pulse sequences	26
4. Contrast agent	36
5. Choice of technical factors for MR imaging of the breast	38
6. Diagnostic criteria of malignant breast neoplasms and their differential diagnosis on MR imaging.	42
7. Role of contrast-enhanced MR imaging in the work-up of patients with suspected or proved malignant breast neoplasm.	50
III. Patients and methods.	57
IV. Results.	60
V. Case presentation.	67
VI. Discussion.	83
VII. Summary and Conclusion.	88
VIII. References.	91
IX. Arabic Summary.	102