DIAGNOSTIC ASPECTS OF MRI IN NASOPHARYNGEAL LESIONS

Thesis

Submitted in Partial Fulfilment for

the Master Degree of

RADIODIAGNOSIS

Ву

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ACKNOWLEDGEMENT

I would like to express my deepest gratitude and extreme appreciation to my *Professor Dr. Zeinab Abdallah*, Professor of Radiodiagnosis, Ain Shams University, for her thorough concern, generous cooperation and valuable remarks which helped in the refinement of this work.

I am particularly thankful to *Professor Dr. Nawal Zakaria*, Professor and Head of Radiodiagnosis Department, Ain Shams University, for her help.

Furthermore, I appreciate the encouragement and help of all my Professors of Radiodiagnosis, and all my colleagues.



To...

MY FAMILY

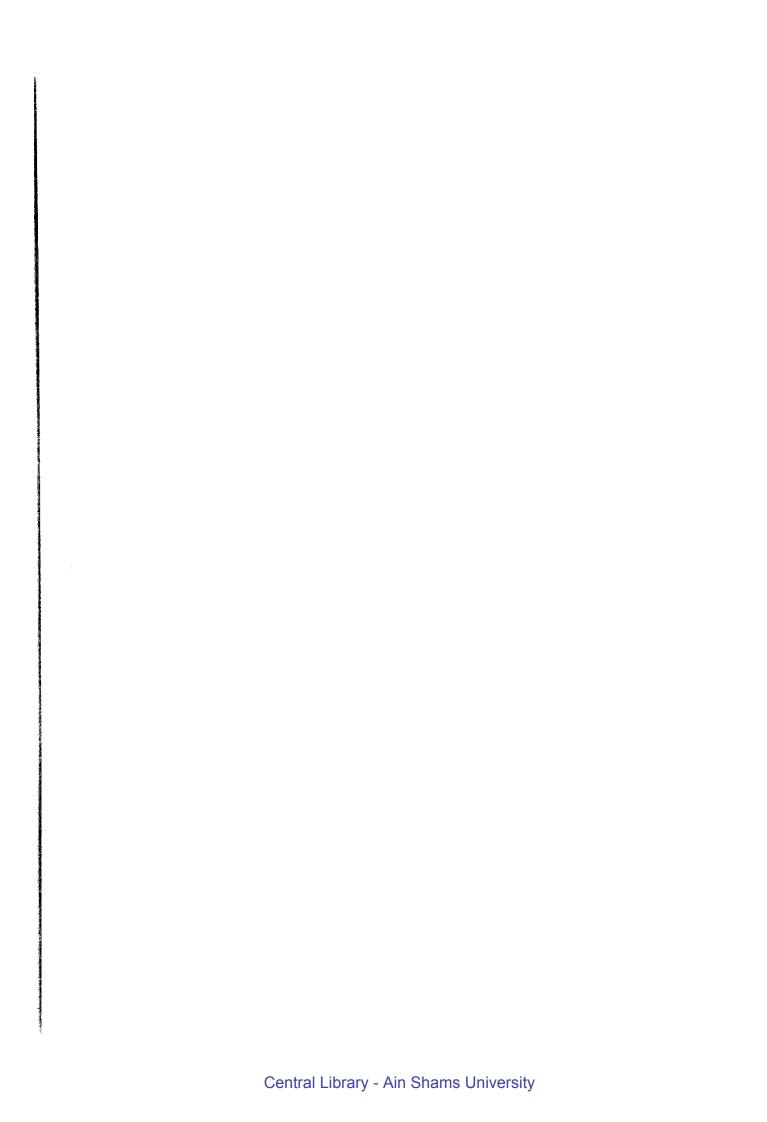
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CONTENTS

	<u>Page</u>
Introduction and Aim of the Work	1
Physics	2-13
Basic and MR anatomy of the nasopharynx	14-31
Pathology	32-66
MRI examination of the nasopharynx	66-72
MRI appearance of pathology in the nasopharynx	73-92
Summary and Conclusion	93-96
References	97-104
Arabic Summary	



INTRODUCTION AND AIM OF THE WORK



INTRODUCTION AND AIM OF WORK

Imaging the upper aerodigestive tract including the nasopharynx has always challenged radiologists. The inherent soft-tissue interfaces in this region; air, bone, muscle and fat, have provided good natural radiographic contrast allowing advances in understanding the anatomy and pathology through gradual improvements in imaging technology.

The aim of this study is to emphasize that Magnetic Resonance Imaging has become an important tool for many lesions in the nasopharynx because the pathology here may arise in or affect the brain and its surrounding structures; MRI being well suited to the task of imaging this region because of its capacity to resolve subtle pathology by its great soft-tissue contrast resolution and its multiplanar imaging capabilities.



CHAPTER (1) PHYSICS

