

DIAGNOSTIC ASPECTS OF MRI IN NASOPHARYNGEAL LESIONS

Thesis

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By

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To...

MY FAMILY

Nivene

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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

