

محرر  
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# ROLE OF COMPUTED TOMOGRAPHY IN DIAGNOSIS OF PLEURAL LESIONS

Essay

Submitted in Partial Fulfillment of

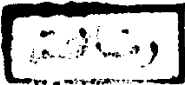
Master Degree

In Radiodiagnosis

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## **Introduction and Aim of the Work**

The pleura is a delicate structure that can be easily involved in many diseases. Pleural pathology may be primary pleural disorder or secondary to a disease in the adjacent lung, mediastinum, chest wall, diaphragm and abdomen. Also, it is one of the favourable sites of metastatic deposition from other malignant tumours elsewhere in the body, (Godwin, 1984).

C.T. is an ideal method for assessment of pleural lesions, (Muller, 1993).

C.T. is useful in the differentiation of pleural from parenchymal lung diseases, (Godwin, 1984). It provides information about the extent of the disease and invasion of the chest wall and other surrounding structures, (Williford et al., 1983). It is particularly helpful in differentiation of malignant from benign conditions, (Kawashima et al., 1990).

C.T. guided biopsy also plays a valuable role in certain cases with diagnostic difficulty i.e. localized pleural effusion, empyema, localized masses or tumours of the pleura, (Lewis et al., 1992).

The aim of this work is to evaluate the role of C.T in the diagnosis of different pleural lesions.



## Chapter I

# *Anatomy of the Pleura*

