

DOUBLE CONTRAST BARIUM ENEMA IN DIAGNOSIS OF COLONIC LESIONS

THESIS

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DEDICATION

To My Daughter NOHA

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INTRODUCTION
AND
AIM OF THE WORK

INTRODUCTION AND AIM OF THE WORK

The colon is one of the organs that lends itself well to a precise and reliable radiological procedure.

Several approaches to radiological examination of the colon is available such as conventional single contrast, barium enema, double contrast barium enema and C.T. of the colon. Considerable information about the colon is often obtainable from the plain films of the abdomen. More precise methods for evaluating the state of the colon and for discovering lesions within it employ the use of contrast agent. The conventional barium enema examination of the colon is one of the most frequent examination performed in our country.

A modification of the method of examination of the colon using air insufflation after the barium has coated the colonic mucosa, this modified method has become the reliable and sensitive method for diagnosing colonic lesions, especially the small and sessile, ones, as the mucosa can be very well visualised.

The aim of this work is to study the value of double contrast barium enema examination and its sensitivity in the diagnosis of colonic lesions.

**BASIC ANATOMY
AND
RADIOLOGICAL ANATOMY
OF COLON**

