

Contents

	Page
Introduction and Aim of the Essay	1
Historical background of the anorectal research	4
<u>I- Surgical anatomy of the anorectum</u>	
Anatomy of the anal canal.....	5
Anatomy of the rectum.....	11
<u>II- Surgical physiology of the anorectum</u>	
Physiology of defecation.....	21
Physiology of the continence.....	27
<u>III- Diagnosis of the benign anorectal disorders</u>	33
<u>IV- Investigations of the benign anorectal disorders</u>	
{A} Investigations for the anatomical function	35
{B} Investigations for the physiological function.....	40
{C} Investigations for integrated physiological function.....	49
{D} Investigations for colonic motility and intestinal transit function...	51
{E} Investigations for continence	51
{F} Investigations evacuation function	52
<u>V- Management of benign anorectal diseases</u>	
Hemorrhoids	53
Fissure in ano.....	71
Constipation	80
Rectal prolapse	90
Anal incontinence	101
V1 - Summary	113
VI1 -References	116
VII- VII1-Arabic summary.....	138