**TABLE OF CONTENTS**

**INTRODUCTION: Capsule endoscopy—state of the art**

**CHAPTER 1: How Capsule Endoscopy works in the real life: technical and practical issues**

1.1 Preparation and prokinetics

1.2 Sensitivity and specificity of the suspected blood identification system in video capsule enteroscopy

1.3 Complications, limitations, and failures of capsule endoscopy: a review of 733 cases

1.4 Use of the Given Patency System for the screening of patients at high risk for capsule retention

**CHAPTER 2: Major clinical indications**

2.1 Capsule endoscopy in 2007: indications, risks and limitations

2.2 The role of capsule endoscopy in the obscure GI bleeding: Outcome of patients with obscure gastrointestinal bleeding after capsule endoscopy: report of 100 consecutive cases

2.3 Imaging of the small bowel in Crohn's disease: a review of old and new techniques

2.4 Video Capsule Enteroscopy in the Diagnosis of Celiac Disease: A Multicenter Study

**CHAPTER 3: Emerging indications**

3.1 Small bowel neoplasms in patients undergoing video capsule endoscopy: a multicentre european study

3.2 Capsule enteroscopy in small bowel transplantation

3.3 Portal hypertensive enteropathy
CHAPTER 4: Capsule Endoscopy: a look into the future  190

4.1 The accuracy of PillCam ESO capsule endoscopy versus conventional upper endoscopy for the diagnosis of esophageal varices: a prospective three-center pilot study  191

4.2 Capsule endoscopy: toward third generation?  201

SUMMARY IN ENGLISH  204

SUMMARY IN DUTCH  208

SUMMARY IN ITALIAN  210

CURRICULUM VITAE  214

ACKNOWLEDGMENTS  215

The text of the thesis (.pdf version), and color in figures are available in the attached CD-rom.