



Universiteit
Leiden
The Netherlands

Acute abdominal pain : considerations on diagnosis and management

Toorenvliet, B.R.

Citation

Toorenvliet, B. R. (2011, November 16). *Acute abdominal pain : considerations on diagnosis and management*. Retrieved from <https://hdl.handle.net/1887/18091>

Version: Corrected Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/18091>

Note: To cite this publication please use the final published version (if applicable).

Acute Abdominal Pain

Considerations on Diagnosis and Management

Production by: Gildeprint Drukkerijen - Enschede, the Netherlands



ISBN: 978-94-6108-223-7

Cover by lekkerinvorm.nl

Acute Abdominal Pain

Considerations on Diagnosis and Management

Proefschrift

ter verkrijging van
de graad van Doctor aan de Universiteit Leiden,
op gezag van de Rector Magnificus Prof.mr. P.F. van der Heijden,
volgens besluit van het College voor Promoties
te verdedigen op woensdag 16 november 2011
klokke 15.00

door

Boudewijn Toorenvliet

geboren te Rotterdam in 1973

Promotiecommissie

Promotor: Prof. Dr. J.F. Hamming

Co-promotor: Dr. P.J. Breslau

Overige leden: Prof. Dr. J.H. van Bockel
Prof. Dr. R.A.E.M. Tollenaar
Prof. Dr. J.F. Lange (Erasmus Universiteit)

The production and distribution of this thesis was financially supported by:
Biomet Nederland BV, Johnson & Johnson Medical BV, Medline International Netherlands BV, Covidien Nederland BV, Baxter BV, Emdamed BV, Erbe Nederland BV, Ikazia Ziekenhuis (Rotterdam), HagaZiekenhuis (Den Haag), KCI Medical BV, Medeco BV, Nycomed BV, Olympus Nederland BV, and Philips Healthcare - Ultrasound.

Aan mijn ouders

Voor Maciel, Bastiaan, Emma en Duco

Contents

Chapter 1	Introduction Outline of the thesis	9
Chapter 2	Standard outpatient re-evaluation for patients not admitted to the hospital after emergency department evaluation for acute abdominal pain <i>World Journal of Surgery 2010; 34(3):480-6</i>	21
Chapter 3	Routine ultrasound and limited computed tomography for the diagnosis of acute appendicitis <i>World Journal of Surgery 2010; 34(10):2278-85</i>	37
Chapter 4	Clinical differentiation between acute appendicitis and acute mesenteric lymphadenitis in children <i>European Journal of Pediatric Surgery 2011; 21(2):120-3</i>	57
Chapter 5	Ultrasound examination of the appendix in children with suspected appendicitis: the additional value of secondary signs <i>European Radiology 2009; 19(2):455-61</i>	71
Chapter 6	Colonic diverticulitis: a prospective analysis of diagnostic accuracy and clinical decision-making <i>Colorectal Disease 2010; 12(3):179-86</i>	87
Chapter 7	Laparoscopic peritoneal lavage for perforated colonic diverticulitis: a systematic review <i>Colorectal Disease 2010; 12(9):862-7</i>	105

Chapter 8	Summary and conclusions	121
	About the DIBAB study	130
	Future perspectives	132
Chapter 9	Nederlandse samenvatting	137
	Curriculum Vitae	151