

Promotor

Prof. dr. Y. Vandenplas

Universitair Kinderziekenhuis Brussel
Vrije Universiteit Brussel

Copromotor

Prof. dr. A. Fyrmansyah

Department of Pediatrics
University of Indonesia, Jakarta
Indonesia

Leden van de examencommissie

Prof. dr. A. Staiano

Department of Pediatrics
University of Naples, Italy

Prof. dr. H.S.A. Heymans

Department of Pediatrics
Emma Children's Hospital
AMC, The Netherlands

Prof. dr. J. Ramet

Departement Pediatrie, UZA
Universiteit Antwerpen

Prof. dr. J. De Schepper

Kinderendocrinologie, UZ Brussel
Vrije Universiteit Brussel

Prof. dr. L. De Meirleir

Kinderneurologie, UZ Brussel
Vrije Universiteit Brussel

Prof. dr. G. Veereman-Wauters

Kindergastroënterologie, UZ Brussel
Vrije Universiteit Brussel

Prof. dr. H. Reynaert, voorzitter

Gastroënterologie, UZ Brussel
Vrije Universiteit Brussel



Vrije Universiteit Brussel

FACULTEIT GENEESKUNDE EN FARMACIE

Doctoraat in de Medische Wetenschappen

Academiejaar 2010-2011

UITNODIGING

Voor de openbare verdediging van het
doctoraatsproefschrift van

Badriul Hegar SYARIF

woensdag 27 april 2011

U wordt vriendelijk uitgenodigd op de openbare verdediging van het proefschrift van

Badriul Hegar SYARIF

'Epidemiology, Diagnosis, and Treatment of Gastro-esophageal Reflux, focusing on Indonesian Infants'

Op **woensdag 27 april 2011** om **15 uur** in auditorium **P. Brouwer** van de Faculteit Geneeskunde & Farmacie Laarbeeklaan 103, 1090 Brussel

Situering van het proefschrift

The topic of this thesis focuses on clinical aspects of physiologic gastro-esophageal reflux and reflux disease, and can be divided in two major parts.

One part focuses on GER-research. We provide an overview of "general knowledge" on GER(D) management when this work started (end 1990ies, early years 2000). Different aspects of the impact of esophageal pH monitoring are discussed, regarding acceptability and technical aspects of esophageal pH monitoring. Although thickened commercialized formula decreases regurgitation, the difference with cereal-thickened formula or even natural evolution is limited. The efficacy of domperidone and cisapride on infant regurgitation is similar; cisapride seems more effective regarding reflux according to pH monitoring results.

The other part focuses on the local Indonesian situation. The impact of regurgitation in Indonesian families does not differ substantially from publications in the developed world.

The perception of regurgitation and the actions taken by parents differs between populations and countries. We collected data on the prevalence and natural evolution of regurgitation in Indonesian infants. However, Indonesian health care providers need a better understanding of the symptoms, diagnosis and management of infant regurgitation, GER and GERD. The candidate has already started this project in collaboration with the Indonesian Society of Pediatrics.

Curriculum Vitae

Badriul Hegar Syarif, was born on September 21, 1958. In 1977, he entered the Medical school of the University of Indonesia. After graduation in 1982, he was medical doctor at the Primary Health Care in West Sumatera. During 1987-1992, he was appointed as resident in Pediatrics, Department of Child Health, University of Indonesia. In 1993-1994, he worked as general pediatrician at the General Hospital in Sukabumi, West Java. From 1995 until present, he has been a Staff Member in the Pediatric Gastro-Hepatology Division, Department of Child Health, University of Indonesia. In 1995, he was a fellow in pediatric gastroenterology at the Academic Medical Center, University of Amsterdam, The Netherlands. In 1997, he received a fellowship in Pediatric Gastrointestinal Motility at Free University of Brussels, Belgium. In 2002, he was appointed as Consultant in Pediatric Gastroenterology by the Indonesian Pediatric Society. He is currently the President of the Indonesian Pediatric Society, and he is a member of the scientific committee of the Indonesian Society for Digestive Endoscopy and of the Helicobacter pylori Study Group. He is Editor of the Indonesian Journal of Gastroenterology, Hepatology, and Digestive Endoscopy. He received the 'Sudjono Djuned Pusponegoro' award from the Indonesian Medical Association for published research work in 1999, 2000, 2002. He has 20 international publications (8 first author, 12 co-author) and 38 national publications (24 first author, 14 co-author). His research focuses on GER in infants older than 6 months with excessive regurgitation and GERD in malnourished children.