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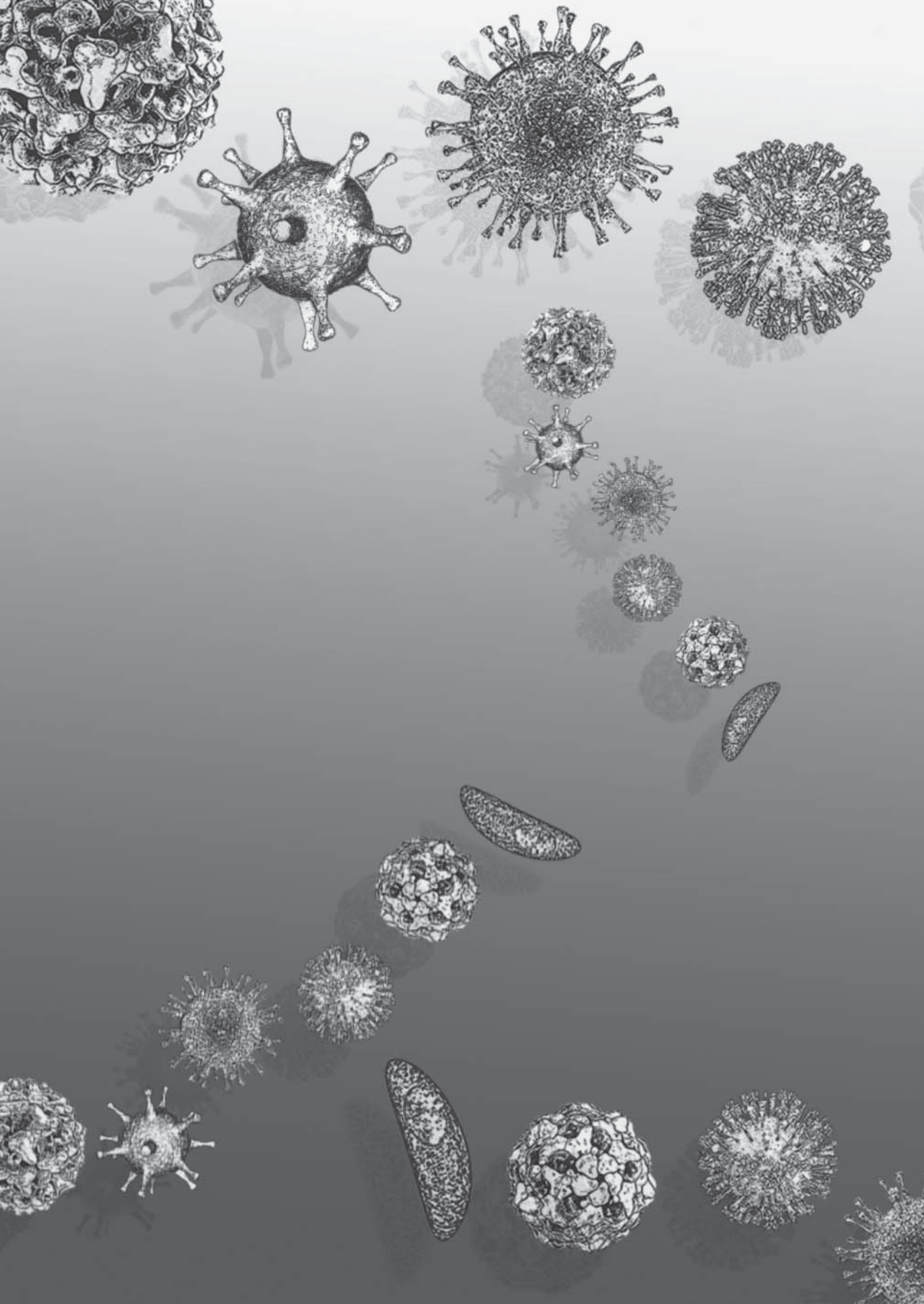


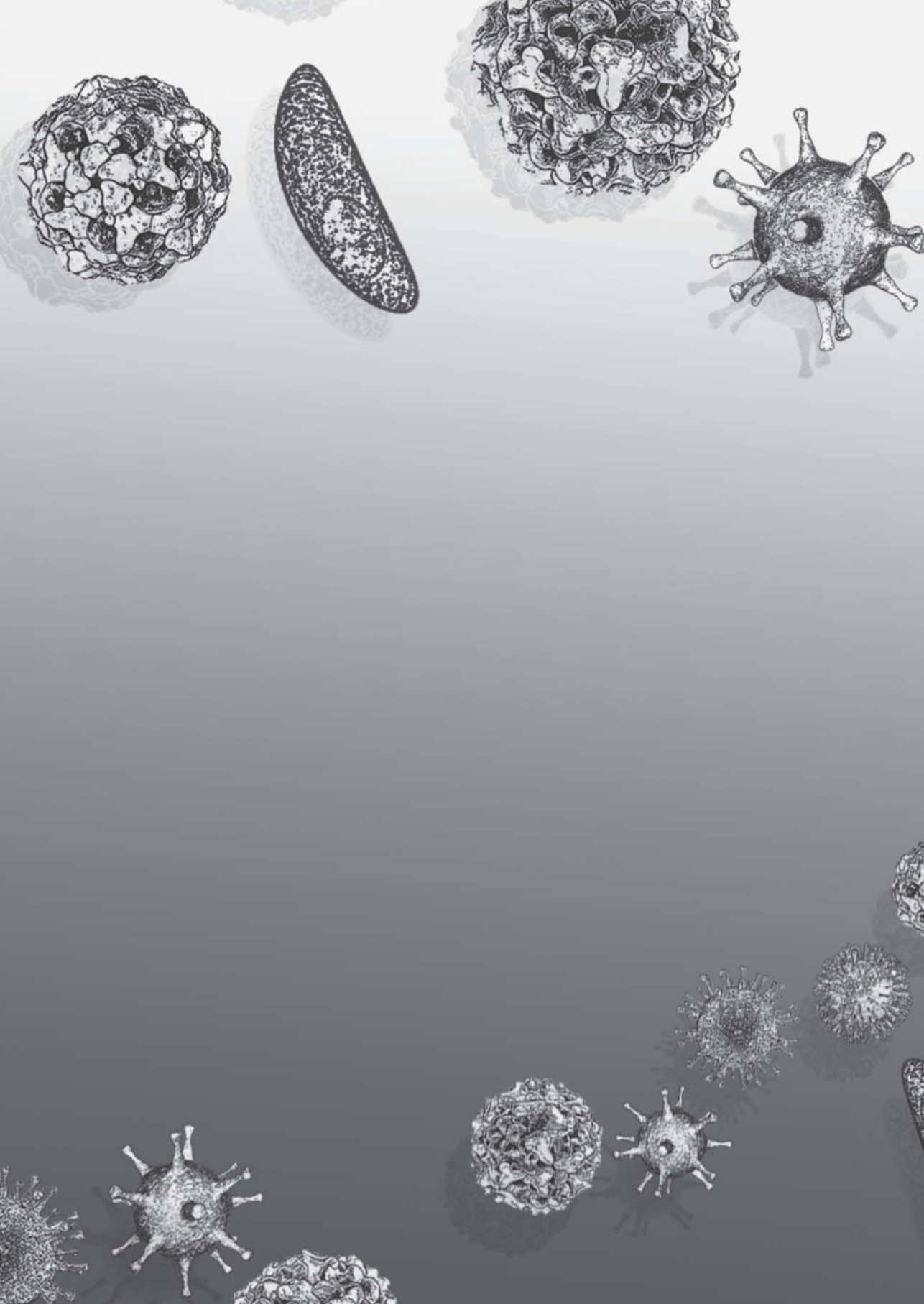
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**A**

## **LIST OF ABBREVIATIONS**

4Ch	Four chamber view
BSID	Bayley Scale of Infant and Toddler Development
CI	Confidence interval
CK-MB	Creatine kinase – muscle brain
CMV	Cytomegalovirus
CNS	Central nervous system
CRS	Congenital rubella syndrome
CSF	Cerebrospinal fluid
cUS	Cerebral ultrasound
DBS	Dried blood spots
ECG	Electrocardiogram
EF	Ejection fraction
EPNEN	European non-polio enterovirus network
EV	Enterovirus
FUO	Fever of unknown origin
GLS	Global longitudinal strain
HF	Heart frequency
HSV	Herpes simplex virus
HPeV	Human parechovirus
IQR	Interquartile range
LSV	Lenticulostriate vasculopathy
MRI	Magnetic resonance imaging
NT-proBNP	N-terminal pro-brain natriuretic peptide
NICU	Neonatal intensive care unit
OR	Odds ratio
PCR	Polymerase chain reaction
PICU	Paediatric intensive care unit
SD	Standard deviation
SEC	Subependymal cysts
SGA	Small for gestational age
SNHL	Sensorineural hearing loss
ToRCH	<i>Toxoplasma gondii</i> , other, rubella virus, cytomegalovirus and herpes simplex virus
TTTS	Twin-to-twin transfusion syndrome
WBC	White blood cells
WHO	World Health Organization
%SF	Left ventricular shortening fraction



**B**

## **CO-AUTHOR AFFILIATIONS**

**A. Derk Jan Ten Harkel**, Department of Pediatric Cardiology, Leiden University Medical Center, Leiden, The Netherlands.

**Aloys (Louis) C.M. Kroes**, Department of Medical Microbiology, Leiden University Medical Center, Leiden, The Netherlands.

**Ann C. Vossen**, Department of Medical Microbiology, Leiden University Medical Center, Leiden, The Netherlands.

**Annemieke J.M. Middeldorp**, Department of Obstetrics and Gynecology, Leiden University Medical Center, Leiden, The Netherlands.

**Arjan B. te Pas**, Department of Pediatrics, Division of Neonatology, Leiden University Medical Center, Leiden, The Netherlands.

**Arno A.W. Roest**, Department of Pediatric Cardiology, Leiden University Medical Center, Leiden, The Netherlands.

**Arwen J. Sprij**, Department of Pediatrics, HAGA hospital, Juliana Children's Hospital, The Hague, The Netherlands.

**Enrico Lopriore**, Department of Pediatrics, Division of Neonatology, Leiden University Medical Center, Leiden, The Netherlands.

**Erika P.M. van Elzakker**, Department of Medical Microbiology, HAGA hospital, The Hague, The Netherlands.

**Frank Brus**, Department of Pediatrics, HAGA hospital, Juliana Children's Hospital, The Hague, The Netherlands.

**Frans J. Walther**, Department of Pediatrics, Division of Neonatology, Leiden University Medical Center, Leiden, The Netherlands and Department of Pediatrics, Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center, United States of America.

**Herma C. Holscher**, Department of Radiology, HAGA hospital, Juliana Children's Hospital, The Hague, The Netherlands.

**Jeanine M.M. van Klink**, Department of Medical Psychology, Leiden University Medical Center, Leiden, The Netherlands.

**Katja C. Wolthers**, Department of Medical Microbiology, Amsterdam University Medical Centers, Amsterdam, The Netherlands.

**Luc H.P.M. Filippini**, Department of Pediatrics, HAGA hospital, Juliana Children's Hospital, The Hague, The Netherlands.

**Monique G.A. van den Beuken**, Department of Pediatrics, HAGA hospital, Juliana Children's Hospital, The Hague, The Netherlands and Department of Pediatrics, Van Weel-Bethesda Hospital, Dirksland, The Netherlands.

**Monique Rijken**, Department of Pediatrics, Division of Neonatology, Leiden University Medical Center, Leiden, The Netherlands.

**Sanne van de Weiden**, Department of Pediatrics, Division of Neonatology, Leiden University Medical Center, Leiden, The Netherlands.

**Sylke J. Steggerda**, Department of Pediatrics, Division of Neonatology, Leiden University Medical Center, Leiden, The Netherlands.

C

## **LIST OF PUBLICATIONS**

## PEER-REVIEWED JOURNALS

De Jong EP, De Haan TR, Kroes AC, Beersma MF, Oepkes D, Walther FJ. Parvovirus B19 infection in pregnancy. *J Clin Virol* 2006;36(1):1-7.

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Wolfert SI, De Jong EP, Vossen AC, Zwaveling J, Te Pas AB, Walther FJ, Lopriore E. Diagnostic and therapeutic management for suspected neonatal herpes simplex virus infection. *J Clin Virol* 2011;51(1):8-11.

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De Jong EP, Holscher HC, Steggerda SJ, Van Klink JMM, Van Elzakker EPM, Lopriore E, Walther FJ, Brus F. Cerebral imaging and neurodevelopmental outcome after entero- and human parechovirus sepsis in young infants. *Eur J Pediatr* 2017;176(12):1595-602.

De Jong EP, Van den Beuken MGA, Van Elzakker EPM, Walther KC, Sprij AJ, Lopriore E, Walther FJ, Brus F. Epidemiology of Sepsis-like Illness in Young Infants: Major Role of Enterovirus and Human Parechovirus. *Pediatr Infect Dis J* 2017 Feb;37(2):113-118.

De Jong EP, Filippini LHPM, Ten Harkel ADJ, Roest AAW, Van Elzakker EPM, Sprij AJ, Lopriore E, Walther FJ, Brus F. No signs of myocardial involvement in young infants with Enterovirus or Human Parechovirus induced sepsis-like illness at a medium care paediatric unit. Submitted.

## **INTERNATIONAL CONGRESSES; ORAL PRESENTATIONS AND POSTER PRESENTATIONS**

7th congress of the European Academy of Paediatric Societies (EAPS), Paris, France. 2018. Poster presentation. Cerebral imaging and neurodevelopmental outcome after Entero- and Human Parechovirus sepsis in young infants.

4th congress of the European Academy of Paediatric Societies (EAPS), Istanbul, Turkey. 2012. Short oral presentation and poster presentation. Difference between enterovirus and human parechovirus infections in young children with sepsis-like illness.

European Society for Paediatric infectious diseases congress (ESPID), The Hague, The Netherlands, 2011. E-poster presentation. Enterovirus and Human Parechovirus infections are a major cause of fever of unknown origin in young children.

## **NATIONAL AND REGIONAL CONGRESSES; ORAL PRESENTATIONS AND POSTER PRESENTATIONS**

Regional symposium (2012): Presentation. 'Same, same, but different', A remarkable cause of pneumatosis intestinalis in a young infant.

Local symposium HAGA Hospital (2012): Presentation; Epidemiology and clinical resentation of Entero- en Human Parechovirus infections in children at the emergency department.

National congress: Dutch Paediatric Congress (NVK) (2011): Presentation; Enterovirus and Human Parechovirus: frequent cause of fever of unknown origin in young infants.

Regional symposium (2010): Entero- en Human Parechovirus infections; Epidemiology and clinical presentation.

National congress: Dutch Paediatric Congress (NVK) (2009): Posterpresentation; Is routine TORCH screening warranted in neonates with lenticulostriate vasculopathy?

**D**

**CURRICULUM VITAE  
PORTFOLIO**

## **CURRICULUM VITAE**

Eveline was born on August 29th 1983 in The Hague and grew up in Maassluis. After graduating from secondary school in 2001, she studied medicine at Leiden University. Her interest in congenital viral infections arose during her scientific internship on congenital Parvovirus B19 infections under supervision of Prof. dr. F.J. Walther and Dr. T. de Haan. She thereafter lived in Nagasaki, Japan, for four months for an extra scientific internship on congenital Human Herpesvirus 6 infection. After returning home, another viral research topic became of interest; 'ToRCH'-infections, under supervision of Prof. dr. F.J. Walther and Prof. dr. E. Lopriore. She combined these research activities with her medical training, which she finished in 2008, and her paediatric residency thereafter at Juliana Children's Hospital in The Hague (2008–2012). There she started investigating entero- and human parechovirus infections in young infants, under the supervision of Dr. F. Brus, Prof. dr. F.J. Walther and Prof dr. E. Lopriore, and later combined this with her medical specialist training at Leiden University Medical Center and Reinier de Graaf Hospital (2013–2017).

The studies on 'ToRCH' and entero- and human parechovirus are included in this thesis.

Since completing her medical specialist training, Eveline worked as a general paediatrician at the Groene Hart Hospital, Gouda, and currently works at Amsterdam University Medical Centers.

## PORTFOLIO

Name PhD student:	E.P. Berman-de Jong
Promotores:	Prof. dr. F.J. Walther, Prof. dr. E. Lopriore
Co-promotor:	Dr. F. Brus
Department:	Pediatrics, Leiden University Medical Center Pediatrics, Juliana Children’s Hospital
Current position:	General pediatrician, Amsterdam University Medical Centers, Amsterdam

### Education and medical specialist training

2013 – 2017:	Medical specialist training in Pediatrics, Leiden University Medical Centre, Leiden, and Reinier de Graaf Hospital, Delft
2001 – 2008:	Medical Degree, Leiden University Medical Centre

### Work - clinical

Current position:	General pediatrician, Amsterdam University Medical Centers, Amsterdam
2017 – 2018:	General pediatrician, Groene Hart Hospital, Gouda
2013 – 2017:	Medical specialist training (AIOS), pediatrics
2008 – 2012:	Registrar (ANIOS) pediatrics, Juliana Children’s Hospital, The Hague

### PhD and medical specialist courses and training

2017:	Masterclass: collaboration and communication
2017:	Masterclass: value based healthcare
2016:	Clinical teaching course
2016:	Scientific course on child abuse (WOKK)
2015:	Generic Instructor Course (GIC)
2015:	Epilepsy in pediatrics
2015:	Asthma in pediatrics
2014:	Advanced Pediatric Life Support (APLS)
2011:	Advanced statistics: Regression analysis
2011:	Basic Methods and Reasoning in Biostatistics
2011:	Good clinical practice (equivalent to BROK-course)

### Teaching activities

2016 –	APLS-instructor, Foundation for Pediatric Emergency Medicine (SSHK), Riel
2017:	Module ‘sepsis’ at regional training for pediatricians (Leiden region)
2017:	Development of teaching program for pediatric-cardiology nurses, subject: pediatric resuscitation
2017:	Development of intern curriculum, subject: ‘the acutely ill child’
2016 – 2017:	Development of APLS training program for nurses and doctors at the pediatric wards of the LUMC
2016:	Training for pediatric nurses
2016:	Tutor for medical student on their critical appraisal of a topic (CAT)
2014 – 2015:	Tutor for general practitioners specialist training on ‘the acutely ill child’
2014:	Medical student workgroup teacher
2012:	Mentor to two medical student’s research projects



**E**

**DANKWOORD**

Tijdens het schrijven van dit dankwoord, zal ik onbedoeld mensen vergeten, dus eerst een algemeen woord aan iedereen die heeft bijgedragen; veel dank voor jouw input, steun en aandacht. Maar van deze unieke gelegenheid wil ik ook gebruikmaken voor specifieke bedankjes.

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Op naar de volgende uitdagingen!