

## Pediatric physical therapists with PhD

| Name and e-mail address  | Year | Title thesis   | Place research   | Topic  |
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| <b>prof. dr. Paul Helders (emeritus)</b><br><i>retired</i><br><a href="mailto:p.j.m.helders@me.com">p.j.m.helders@me.com</a> | 1989 | The effects of a sensory stimulation/range-finding program on the development of very low birth weight infants | Child Development and Exercise Center of Wilhelmina Children's Hospital/University Medical Center Utrecht  |  |
| <b>prof. dr. Bouwien Smit-Engelsman</b><br><a href="mailto:bouwiensmits@hotmail.com">bouwiensmits@hotmail.com</a>            | 1995 | Theory-based diagnosis of fine motor coordination development and deficiencies using handwriting tasks         | KU Leuven, Belgium, Netherlands, South Africa  | Intervention studies in the field, fine motor control in the lab, test development at home, in schools, in hospitals;<br>Underlying motor control processes in TD children and children with brain damage;<br>Intervention development and measurement tools for children with poor motor control and coordination disorders |
| <b>prof. dr. Ria Nijhuis-van den Sanden</b><br><a href="mailto:r.nijhuis@iq.umcn.nl">r.nijhuis@iq.umcn.nl</a>                | 2003 | The Turning point: localizing the motor performance deficit in Turner syndrome                                 | Radboud University Nijmegen Medical Centre: 1. Department of Rehabilitation, Pediatric Physical Therapy and 2. Scientific Institute for Quality of Health Care | <a href="http://www.researchgate.net/profile/Maria-Nijhuis-van-der-Sanden/">www. Researchgate.net/profile/Maria Nijhuis-van der Sanden/</a>  |
| <b>dr. Laila de Groot</b><br><i>retired</i><br><a href="mailto:lailadegroot@chello.nl">lailadegroot@chello.nl</a>            | 1993 | Posture and motility in pre-term infants, a clinical approach  | Erasmus University Neonatology VU University Medical Center  | Study Generation R Project   |

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| <b>dr. Janjaap van der Net</b><br><a href="mailto:j.vandernet@umcutrecht.nl">j.vandernet@umcutrecht.nl</a> | 1995 | Functional aspects of rheumatoid diseases in childhood                                | Child Development and Exercise Center of Wilhelmina Children's Hospital/University Medical Center Utrecht  | Interventions pediatric rheumatology, hemophilia and childhood development in a broad context   |
| <b>dr. Raoul Engelbert</b><br><a href="mailto:r.h.h.engelbert@hva.nl">r.h.h.engelbert@hva.nl</a>           | 1996 | Osteogenesis Imperfecta in childhood; clinical and functional characteristics         | Academy of Applied Science, Amsterdam, as lector and manager of the department physical therapy; Department Rehabilitation of AMC (as senior staff)  | Hypermobility<br>Osteogenesis Imperfecta<br>Idiopathic toe-walking<br>Transition van physical therapy care between academic medical centre and private practice |
| <b>dr. Vincent Gulmans</b><br><a href="mailto:v.gulmans@ncfs.nl">v.gulmans@ncfs.nl</a>                     | 1996 | Exercise in children with Cystic Fibrosis; evaluation parameters and training effects | No pediatric physical therapy research<br>Research coordinator Dutch Cystic Fibrosis Foundation  | Epidemiological research in Cystic Fibrosis   |
| <b>dr. Marie-Jeanne Wolf</b><br><a href="mailto:m.j.wolf@amc.uva.nl">m.j.wolf@amc.uva.nl</a>               | 1997 | Neurodevelopmental outcome in high-risk Zimbabwean neonates                           | Since 2010 no research anymore   |   |
| <b>dr. Peter Lauteslager</b><br><a href="mailto:Lauteslager.maas@chello.nl">Lauteslager.maas@chello.nl</a> | 2000 | Kinderen met het syndroom van Down, motorische ontwikkeling en behandeling            |  |   |
| <b>dr. Jan Custers</b><br><a href="mailto:jan.custers@hu.nl">jan.custers@hu.nl</a>                         | 2001 | Pediatric Evaluation of Disability Inventory, the Dutch adaptation                    | <u>At the moment:</u> University of Applied Science Utrecht, Centre of Human Movement studies.<br><u>PhD thesis:</u> Child Development Center of Wilhelmina Children's Hospital in University Medical Center Utrecht | Functional activities measurement in pediatrics<br>Exercise tolerance (metabolic diseases)  |

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| <b>dr. Marja Schoenmakers</b><br><a href="mailto:m.a.g.c.schoenmakers@umcutrecht.nl">m.a.g.c.schoenmakers@umcutrecht.nl</a>  | 2003 | Functional aspects of spina bifida in childhood   | Child Development and Exercise Center of Wilhelmina Children's Hospital/University Medical Center Utrecht  | Involved in research concerning physical fitness in children with Spina Bifida and Neuromuscular disorders  |
| <b>dr. Ron van Empelen</b><br><a href="mailto:r.van.empelen@planet.nl">r.van.empelen@planet.nl</a><br><a href="mailto:r.vanempelen@umcutrecht.nl">r.vanempelen@umcutrecht.nl</a> | 2005 | Impact of epilepsy surgery in childhood; motor function, health related quality of life and self perceived competence | Child Development and Exercise Center of Wilhelmina Children's Hospital/University Medical Center Utrecht  | Follow-up epilepsy surgery and stem cell transplantation  |
| <b>dr. Leo van Vlimmeren</b><br><a href="mailto:l.vanvlimmeren@reval.umcn.nl">l.vanvlimmeren@reval.umcn.nl</a>   | 2007 | Asymmetry in infancy  | Radboud University Nijmegen Medical Centre: 1. Department of Rehabilitation, Pediatric Physical Therapy and 2. Scientific Institute for Quality of Health Care                   | Asymmetry in infancy, skull deformation; Prader Willi syndrome; Rare diseases   |
| <b>dr. Olaf Verschuren</b><br><a href="mailto:o.verschuren@dehoogstraat.nl">o.verschuren@dehoogstraat.nl</a>   | 2007 | Physical fitness in children and adolescents with cerebral palsy  | Rudolf Magnus Institute of Neuroscience and Center of Excellence for Rehabilitation Medicine, University Medical Center Utrecht and Rehabilitation Center De Hoogstraat, Utrecht | Pediatric rehabilitation<br>Children and adolescents with Cerebral Palsy<br>Exercise testing and training   |
| <b>dr. Petra van Schie</b><br><a href="mailto:pem.vanschie@vumc.nl">pem.vanschie@vumc.nl</a>   | 2008 | Motor outcome in high risk children: prediction and evaluation  | VU University Medical Center, Department of Rehabilitation Medicine, Amsterdam University Hospital, in cooperation with pediatric rehabilitation centers                         | Cerebral palsy; especially motor development and assessments (PERRIN CP 5-9 study) and interventions (Selective dorsal rhizotomy, intrathecal baclofen, Racerunner, physical fitness training)<br>Prematurity and full term asphyxia (motor development/outcome and assessments), |

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|  |      |   |   | and intervention (Infant Behaviour Assessment and Intervention Program; IBAIP; ToP programme)  |
| <b>dr. Eugene Rameckers</b><br><a href="mailto:eea.rameckers@hetnet.nl">eea.rameckers@hetnet.nl</a>                        | 2009 | Manual force regulation in children with spastic hemiplegia.  | University Centre Maastricht, Centre of expertise Adelante Rehabilitation Science and Physical Therapy  | Upper limb strength training in children with Cerebral Palsy<br>Intensive upper limb therapy in children with Cerebral Palsy   |
| <b>dr. Annelies Hartman</b><br><a href="mailto:j.hartman@erasmusmc.nl">j.hartman@erasmusmc.nl</a>                          | 2009 | Motor performance following chemotherapy for childhood cancer   | Erasmus MC, pediatric oncology  | Continuing studies on the effect of chemotherapy on motor development in children; Research on mobility, strength and daily fitness in adults who have been treated for cancer in their childhood                  |
| <b>dr. Lianne van der Giessen</b><br><a href="mailto:l.vandergiessen@erasmusmc.nl">l.vandergiessen@erasmusmc.nl</a>        | 2009 | Optimization and assessment of airway clearance in children with Cystic Fibrosis  | Erasmus MC Sophia   | Cystic Fibrosis  |
| <b>dr. Karen Koldewijn</b><br><a href="mailto:k.koldewijn@amc.uva.nl">k.koldewijn@amc.uva.nl</a>                           | 2009 | Supporting resilience in very preterm infants.<br>The effect of the IBAIP in very preterm infants and their parents                                 | University of Amsterdam; Academic Medical Centre Amsterdam<br>Department of rehabilitation  | Follow-up studies at 3.5 and 5 years on the effect of a neurobehavioral intervention for very preterm infants after discharge from hospital and an additional intervention program (STIPP, ToP, ToP <sup>+</sup> ) |
| <b>dr. Monique van der Cammen-van Zijp</b><br><a href="mailto:m.vandercammen@erasmusmc.nl">m.vandercammen@erasmusmc.nl</a> | 2010 | In a gentle breeze; pulmonary morbidity in children with anatomical congenital anomalies; long-term effects on exercise capacity and motor function | Erasmus Medical Centre-Sophia Children's Hospital in Rotterdam<br>Department of Intensive Care and Pediatric Surgery and the Department of Rehabilitation Medicine and Physical Therapy | Exercise capacity in children after neonatal extracorporeal membrane oxygenation and in children with major anatomical congenital anomalies;<br>The effect of e-coaching and physical therapy.                     |

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| <b>dr. Inge-Lot van Haastert</b><br><a href="mailto:i.vanhaastert@umcutrecht.nl">i.vanhaastert@umcutrecht.nl</a>   | 2011 | Early neuromotor development of high risk infants   | University Medical Center Utrecht, location Wilhelmina Children's Hospital, Division Mother and Child, Department of Neonatology   | Outpatient follow-up clinic<br>General development, particularly gross motor development   |
| <b>dr. Peter Bekkering</b><br><a href="mailto:w.p.bekkering@lumc.nl">w.p.bekkering@lumc.nl</a><br><a href="mailto:w.p.bekkering@uva.amc.nl">w.p.bekkering@uva.amc.nl</a>                         | 2011 | Quality of life, functional ability and physical activity in children and adolescents after lower extremity bone tumour surgery                                 | Leiden University Medical Center / Willem-Alexander Children's Hospital<br>University of Amsterdam; Academic Medical Centre Amsterdam / Emma Children's Hospital   | Pediatric oncology with accent on malign bone tumors   |
| <b>dr. Anjo Janssen</b><br><a href="mailto:a.janssen@reval.umcn.nl">a.janssen@reval.umcn.nl</a>  | 2012 | Longitudinal motor performance in very preterm infants  | Radboud University Medical Centre, Nijmegen<br>University Hospital   | Quality of movement<br>Follow-up of ECMO and preterm infants   |
| <b>dr. Jacqueline Nuysink</b><br><a href="mailto:jacqueline.nuysink@hu.nl">jacqueline.nuysink@hu.nl</a>  | 2012 | Asymmetry and infants born preterm  | Child Development and Exercise Center of Wilhelmina Children's Hospital/University Medical Center Utrecht , in cooperation with Master Physiotherapy Program, Centre of Human Movement Studies, HU<br>University of Applied Sciences | Development of norm values AIMS-NL<br>Asymmetry in Preterm born Infants study (API) with long term follow-up (15 months and 2,5 year)<br>Validity study on the Symptomatic Asymmetry DD-screening instrument |
| Dr. Anneloes Overvelde<br><a href="mailto:anneloes.overvelde@radboudumc.nl">anneloes.overvelde@radboudumc.nl</a><br><a href="mailto:anneloesovervelde@gmail.com">anneloesovervelde@gmail.com</a> | 2013 | Which practice makes perfect?<br>Experimental studies on the acquisition of movement sequences to identify the best learning condition in good and poor writers | Scientific Institute for Quality of Healthcare (IQ healthcare), Radboud university medical center, Nijmegen  | Motor learning in children , especially in children with poor handwriting  |

## Physical therapists with PhD in the field of PPT (but no *pediatric* physical therapists)

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|---|------|--|---|---|
| <b>dr. Annette van der Putten</b><br>(physiotherapist)<br><a href="mailto:a.a.j.van.der.putten@rug.nl">a.a.j.van.der.putten@rug.nl</a>  | 2005 | Moving to Independency?<br>Evaluation of the 'Mobility Opportunities Via Education' curriculum with children with profound intellectual and multiple disabilities. | Research Centre on Profound and Multiple Disabilities University of Groningen, Dep Special Needs Education and Child Care                     | Motor Activation and Development in children, adolescents and adults with profound intellectual and multiple disabilities; Research at special schools, day care centers; Interdisciplinary focused |
| <b>dr. Erik Hulzebosch</b><br>(physiotherapist & medical physiologist)<br><a href="mailto:h.hulzebosch@umcutrecht.nl">h.hulzebosch@umcutrecht.nl</a>  | 2006 | Preoperative respiratory physical therapy in cardiac surgery   | Child Development and Exercise Center of Wilhelmina Children's Hospital/University Medical Center Utrecht                                     | Children with congenital heart and lung diseases<br>Exercise physiology and Physical fitness  |
| dr. Marike van der Leeden<br>(pediatric physiotherapist)<br><a href="mailto:m.vd.leeden@reade.nl">m.vd.leeden@reade.nl</a>  | 2009 | Foot impairments and related disability in patients with rheumatoid arthritis  | Reade (center for Rheumatology and Rehabilitation) and VU University Medical Center (department of Rehabilitation Medicine)                   | (PPT, but no research in PPT, though in adults)<br>Knee osteoarthritis and foot impairments in rheumatoid arthritis: clinical and epidemiological aspects   |
| <b>dr. Janke de Groot</b><br>(physiotherapist and rehabilitation scientist)<br><a href="mailto:j.f.degroot-16@umcutrecht.nl">j.f.degroot-16@umcutrecht.nl</a><br><a href="mailto:janke.degroot@hu.nl">janke.degroot@hu.nl</a> | 2010 | Physical Fitness, ambulation en physical activity in ambulatory children with Spina Bifida   | HU University of Applied Sciences & Child Development and Exercise Center of Wilhelmina Children's Hospital/University Medical Center Utrecht | Physical activity & physical fitness in children with chronic childhood conditions  |
| <b>dr. Otto Lelieveld</b><br>(physiotherapist)<br><a href="mailto:o.t.h.m.lelieveld@umcg.nl">o.t.h.m.lelieveld@umcg.nl</a>  | 2010 | Physical activity and physical fitness in juvenile idiopathic arthritis  | University Medical Center Groningen; Beatrix Children's Hospital and Center for Rehabilitation  | Children with congenital heart and lung diseases<br>Exercise physiology and Physical fitness  |

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| <b>dr. Dirk-Wouter Smits</b><br>(physiotherapist, pedagogue)<br><a href="mailto:d.smits@dehoogstraat.nl">d.smits@dehoogstraat.nl</a>                | 2011 | Daily activities of school-age children with cerebral palsy: development and learning                        |   |                           |
| <b>dr. Annemieke Houwink</b><br>(physiotherapist, movement scientist)<br><a href="mailto:annemiekehouwink@gmail.com">annemiekehouwink@gmail.com</a> | 2012 | Assessment of upper-limb capacity and performance in unilateral spastic paresis: Handing in new perspectives | Radboud University Nijmegen Medical Centre<br>University Medical Centre | Upper-limb rehabilitation |