

BIG-nummer

89051205601

ROGO van opleiding

Noordwest

Datum van eerste inschrijving als orthopeed in BIG register

01-10-1999

Datum van laatste herregistratie, indien van toepassing

01-10-2020

Datum van promotie en titel proefschrift, indien van toepassing

Gene therapy of Osteosarcoma, Preclinical studies with Adenoviral vectors and adenoviral oncolysis (promotor; Prof. dr. P.I.J.M. Wuisman, copromotoren; Prof. dr. V.W. van Beusechem, Prof. dr. W.R. Gerritsen) VU University Amsterdam, The Netherlands 15-12-2006.

Specifieke orthopedische aandachtsgebieden, ook wel genoemd differentiaties

Kinderorthopedie, voet- en enkelorthopedie.

Lid van NOV ja/nee, bij nee een toelichting geven

Ja

Lid van andere wetenschappelijke verenigingen en beroepsorganisaties, ook buitenlandse

- European Pediatric orthopedic Society (EPOS)
- European Foot and Ankle Society (EFAS)
- Dutch Orthopedic Association (NOV)
- Northern Pediatric Orthopedic Registrar Association (N-PORA)
- Orthopedics Overseas committee (scientific committee of the Dutch Orthopedic Association)
- Dutch Foot and Ankle Society (scientific committee of the Dutch Orthopedic Association)
- Dutch Orthopedic Traumatology committee (scientific committee of the Dutch Orthopedic Association)
- Association of Dutch Female Medical doctors (VNVA)
- Dutch pediatric orthopedics committee “werkgroep kinder orthopedie” (WKO)

Datum van aanstelling als orthopedisch chirurg bij de te visiteren instelling

11-06-2011

Fulltime/parttime percentage bij de te visiteren instelling

100%

Werkzaam in andere instelling, functie, fulltime/parttime percentage

Nee

Functies in medische staf en/of ziekenhuis commissies, omschrijf functie en eventuele commissie

- Orthopedisch chirurg (kinderorthopedie/voet- en enkelorthopedie);
- Afdelingshoofd Orthopedie;
- Medisch directeur Centrum voor Bewegen.

2023-present Head of the medical department of orthopedic surgery MUMC+

2022-present Medical Director Movement Center (Centrum voor Bewegen; CBEW), MUMC+

2022-present IV-Board MUMC+

2018-present TRF leader of the subdivision pediatric orthopedics

2019-present Board member of the gait laboratory MUMC+/Maastricht University: the Human Performance Laboratory (HPL).

Idem maar dan teruggerekend over de afgelopen vijf jaren

- IFMS commissie;
- TRIPOD commissie;
- Platform voor het kind;
- Medisch planner (rooster).

2022-2023 Visiegroep positionering UMC's; de Nederlandse Federatie van Universitair Medische Centra (NFU)

2023-2024 Keuzetafel portfolio MUMC+

2023 Keuzetafel begroting MUMC+

2015-2022 Function of department medical planning. Responsibility for the complex planning process at three different locations (MUMC+, extern outpatient clinic and the Annadal clinic) and the personnel involved in our department

2020-2022 Member of executive committee of the orthopedic department which regulates and coordinates the Clinical and educational aspects in our department.

2020 Patient safety and quality of care; participation in TRIPOD committee and the IFMS committee.

2019-2023 President of the 'werkgroep kinderorthopedie' (WKO) of the 'Nederlandse Orthopaedische Vereniging'. (Dutch pediatric orthopedics)

2015-2019 Secretary of the 'werkgroep kinderorthopedie' (WKO) of the 'Nederlandse Orthopaedische Vereniging'. (Dutch pediatric orthopedics)

2011-2014 Manager 'sport en bewegen' Program in the MUMC+. Initiating and coordination the program including hiring personnel, scheduling theater programs, organizing after treatment and evaluation of this process.

Idem maar dan actueel voor wetenschappelijke verenigingen

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Idem maar dan actueel voor andere organisatie in de gezondheidszorg

- Abstract committee EPOS;
- Abstract committee EFORT.

Toe te voegen een overzicht van wetenschappelijke publicaties over de afgelopen vijf jaren tenzij een dergelijk overzicht in het (wetenschappelijk) jaarverslag van de vakgroep wordt vermeld

1. van Kouswijk HW, Yazid H, Schoones JW, **Witlox MA**, Nelissen RGHH, de Witte PB. Current and Emerging Applications of Artificial Intelligence in Medical Imaging for Paediatric Hip Disorders-A Scoping Review. *Children* (Basel). 2025 May 16;12(5):645
2. Florence Vandenberghe, Laura C.W. Peeters, Jessica S.J.J. Steijns, Bert van Rietbergen, Jacobus J. Arts, Marloes J.M. Peters, Guus G.H. van den Akker, Heleen M. Staal, Daan R.M.G. Ophelders, Tim G.A.M. Wolfs, Tim J.M. Welting, Marjolein M.J. Caron, **Adhiambo M.A. Witlox**. Abnormal Growth Plate Development in an Ovine Model of Chorioamnionitis. *Under review*
3. Frederike E.C.M. Mulder, Hilde W. Van Kouswijk, M. **Adhiambo Witlox**, Nina M.C. Mathijssen, Pieter Bas De Witte. An overview and quality assessment of European national guidelines for screening and treatment of developmental dysplasia of the hip. *Under review*
4. Frederike E.C.M. Mulder, Rachel Senden, Heleen Staal, Robin de Bot, Rik G.J. Marcellis, Florens Q.M.P. van Douveren, Marieke C. van der Steen, Jaap J. Tolk, Kenneth Meijer, M. **Adhiambo Witlox**. Gait deviations following slipped capital femoral epiphysis treated with in situ fixation compared to matched healthy controls using 3D gait analysis. *Under review*
5. van Stralen RA, Roelen MCR, Moerman S, Witbreuk MMEH, **Witlox MA**, Ten Ham A, Eygendaal D, Reijman M, Tolk JJ GUIDANCE study: guided growth of the proximal femur to prevent further hip migration in patients with cerebral palsy-study protocol for a multicentre randomised controlled trial. *BMJ Open*. 2024 Dec 11;14
6. Senden R, Marcellis R, Willems P, **Witlox M**, Meijer K. Normative 3D gait data of healthy adults walking at three different speeds on an instrumented treadmill in virtual reality. *Data Brief*. 2024 Feb 2
7. Moll I, Marcellis RGJ, Fleuren SM, Coenen MLP, Senden RHJ, Willems PJB, Speth LAWM, **Witlox MA**, Meijer K, Vermeulen RJ. Functional electrical stimulation during walking in children with unilateral spastic cerebral palsy: A randomized cross-over trial. *Dev Med Child Neurol*. 2024 May;66(5):598-609
8. de Bot R, Stevens J, Smeets T, **Witlox A**, Beertema W, Hendrickx R, Meijer K, Schotanus M. Gait and dynamic pedobarographic analyses in hallux rigidus patients treated with Keller's arthroplasty, arthrodesis or cheilectomy 22 years after surgery. *PeerJ*. 2023 Nov 20;11:e16296. doi: 10.7717/peerj.16296. eCollection 2023.
9. Hermus JPS, Stam P, van Kuijk SMJ, **Witlox MA**, van Rhijn LW, Arts JJC, Poeze M. Does anxiety influence outcome measurements in ankle replacement patients? *Foot Ankle Surg*. 2024 Apr;30(3):231-238.
10. de Bot R, Stevens J, Smeets T, **Witlox A**, Beertema W, Hendrickx R, Meijer K, Schotanus M. Gait and dynamic pedobarographic analyses in hallux rigidus patients treated with

Keller's arthroplasty, arthrodesis or cheilectomy 22 years after surgery. *PeerJ*. 2023 Nov 20;11:e16296

11. Theunissen WWES, Van der Steen MC, Van Veen MR, Van Douveren FQMP, **Witlox MA**, Tolk JJ. Strategies to optimize the information provision for parents of children with developmental dysplasia of the hip. *Bone Jt Open*. 2023 Jul 5;4(7)
12. Hermus JPS, van Kuijk SM, **Witlox MA**, Poeze M, van Rhijn LW, Arts JJ. Alignment of CCI total ankle replacements in relation to midterm functional outcome and complication incidence. *J Foot Ankle Res*. 2023 Jun 9;16(1):34.
13. Mulder FECM, **Witlox MA**, Dirksen CD, de Witte PB, de Vos-Jakobs S, Ham AMT, Witbreuk MMEH, Sakkers R, Drongelen MMMHPF, Robben SGF; TRAM-Trial Consortium; Mathijssen NMC. Active monitoring versus an abduction device for treatment of infants with centered dysplastic hips: study protocol for a randomized controlled trial (TRAM-Trial). *BMC Pediatr*. 2023 Apr 29;23(1):203
14. Paulussen EMB, Mulder FECM, Mathijssen NMC, **Witlox MA**. Active monitoring versus immediate abduction as treatment of stable developmental dysplasia of the hip: a systematic review of the literature. *BMJ Open*. 2022 Sep 19
15. Senden R, Marcellis R, Meijer K, Willems P, Lenssen T, Staal H, Janssen Y, Groen V, Vermeulen RJ, **Witlox M**. Dataset of 3D gait analysis in typically developing children walking at three different speeds on an instrumented treadmill in virtual reality. *Data Brief*. 2023 Apr 12;48:109142
16. Oerlemans LNT, Peeters CMM, Munnik-Hagewoud R, Nijholt IM, **Witlox A**, Verheyen CCPM. Foot orthoses for flexible flatfeet in children and adults: a systematic review and meta-analysis of patient-reported outcomes. *BMC Musculoskelet Disord*. 2023 Jan 7;24(1):16.
17. Theunissen W, van der Steen MC, van Veen MR, van Douveren F, **Witlox MA**, Tolk JJ. Parental experiences of children with developmental dysplasia of the hip: a qualitative study. *BMJ Open*. 2022 Sep 23;12(9):e062585
18. Senden R, Marcellis R, Meijer K, Willems P, Lenssen T, Staal H, Janssen Y, Groen V, Vermeulen RJ, **Witlox M**. Comparison of sagittal plane gait characteristics between the overground and treadmill approach for gait analysis in typically developing children. *PeerJ*. 2022 Jul 22;10

19. van Bergen CJA, de Witte PB, Willeboordse F, de Geest BL, Foreman-van Drongelen MMMHP, Burger BJ, den Hartog YM, van Linge JH, Pereboom RM, Robben SGF, **Witlox MA**, Witbreuk MMEH. Treatment of centered developmental dysplasia of the hip under the age of 1 year: an evidence-based clinical practice guideline - Part 1.EFORT Open Rev. 2022 Jul 5
20. de Witte PB, van Bergen CJA, de Geest BL, Willeboordse F, van Linge JH, den Hartog YM, Margret M H P Foreman-van Drongelen M, Pereboom RM, Robben SGF, Burger BJ, **Witlox MA**, Witbreuk MMEH. Treatment of decentered developmental dysplasia of the hip under the age of 1 year: an evidence based clinical practice guideline - Part 2.EFORT Open Rev. 2022 Aug 4
21. Hermus JP, Voeselek JA, van Gansewinkel EHE, **Witlox MA**, Poeze M, Arts JJ. Complications following total ankle arthroplasty: A systematic literature review and meta-analysis. Foot Ankle Surg. 2022 Jul 14
22. Stevens J, de Bot RTAL, Hermus JPS, Schotanus MGM, Meijer K, **Witlox AM**. Gait analysis of foot compensation in symptomatic Hallux Rigidus patients. Foot Ankle Surg. 2022 Jun 10
23. Jansen NJ, Dockx RBM, **Witlox AM**, Straetmans S, Staal HM. Windswept Deformity a Disease or a Symptom? A systematic review on the etiologies and Hypotheses of Simultaneous Genu Valgum and Varum in Children. Children 2022 may 10
24. Steinbusch MMF, van den Akker GGH, Cremers A, **Witlox AMA**, Staal HM, Peffers MJ, van Rhijn LW, Caron MMJ, Welting TJM. Adaptation of the protein translational apparatus during ATDC5 chondrogenic differentiation. Noncoding RNA Res. 2022 Feb 20
25. Moll I, Marcellis RGJ, Coenen MLP, Fleuren SM, Willems PJB, Speth LAWM, **Witlox MA**, Meijer K, Vermeulen RJ. A randomized crossover study of functional electrical stimulation during walking in spastic cerebral palsy: the FES on participation (FESPa) trial. BMC Pediatr. 2022 Jan 13
26. de Bot RTAL, Veldman HD, Eurlings R, Stevens J, Hermus JPS, **Witlox AM**. Metallic hemi arthroplasty or arthrodesis of the first metatarsophalangeal joint as treatment for hallux rigidus: A systematic review and meta-analysis. Foot Ankle Surg. 2022 Feb;28(2):139-152. doi: 10.1016/j.fas.2021.03.004. Epub 2021 Mar 11.
27. Hermus JPS, van Kuijk SMJ, Spekenbrink-Spooren A, **Witlox MA**, Poeze M, van Rhijn LW, Arts JJC. Risk factors for total ankle arthroplasty failure: A Dutch Arthroplasty Register study.Foot Ankle Surg. 2021 Dec 9
28. Aukema SM, de Geus CM, Robben SGF, van Kaam KJAF, Staal HM, **Witlox AM**, de la Haye NAJ, Klaassens M, Coumans A, Stegmann APA, Paley D, Stumpel CTRM. Tibia hemimelia in a patient with CHARGE syndrome: A rare but recurrent phenomenon. Am J Med Genet A. 2022 Mar;188
29. Theunissen WWES, van der Steen M, van Douveren FQMP, **Witlox AMA**, Tolk JJ. Timing of Repeat Ultrasound Examination in Treatment of Stable Developmental Dysplasia of the Hip.J Pediatr Orthop. 2021 Apr 2 -
30. Cansel AJM, Stevens J, Bijlens W, **Witlox AM**, Meijer K.Hallux rigidus affects lower limb kinematics assessed with the Gait Profile Score. Gait Posture. 2021 Dec 25

31. Caron MMJ, van Rietbergen B, Castermans TMR, Haartmans MJJ, van Rhijn LW, Welting TJM, **Witlox AMA**. Evaluation of Impaired Growth Plate Development of Long Bones in Skeletally Immature Mice by Anti-Rheumatic Agents. J Orthop Res. 2020 Aug 2.
32. Stevens J, de Bot RTAL, **Witlox AM**, Borghans R, Smeets T, Beertema W, Hendrickx RP, Schotanus MGM. Long-term Effects of Cheilectomy, Keller's Arthroplasty, and Arthrodesis for Symptomatic Hallux Rigidus on Patient-Reported and Radiologic Outcome. Foot Ankle Int. 2020 Jul;41
33. de Bot RTAL, Veldman HD, **Witlox AM**, van Rhijn LW, Hiligsmann M. Hip protectors are cost-effective in the prevention of hip fractures in patients with high fracture risk Osteoporosis international 2020

NTVO/NTVT – Overige

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