SWISS MEDICAL NETWORK



PD Dr. med. et phil. Eva Koetsier, LL.M

Specialista in Anestesiologia, membro FMH

Lingue

IT,NL,EN,DE,FR

Profilo

Posizione attuale:

- Privatdozent (PD), Facoltà di Scienze Biomediche, Università della Svizzera italiana (USI)
- Medico accreditato, Clinica Ars Medica, Gravesano
- Fondatore e Direttore Medico, Clinica TI-DOLORE, Mendrisio
- Direttore di tesi di Master e di tesi di Dottorato per studenti del Master in Medicina, Facoltà di Scienze Biomediche
- Co-direttore di tesi di Dottorato (PhD), Università di Maastricht, Paesi Bassi
- Membro del comitato – Circolo Medico Mendrisio
- Consulente per riviste scientifiche – "Reviewer"

Certificazioni:

- **2021** Privatdozent (PD), Facoltà di Scienze Biomediche, Università della Svizzera italiana, Lugano
- **2020** Dottorato di Ricerca (PhD) in Medicina del Dolore Interventistica, Facoltà di Salute, Medicina e Scienze della Vita, Università di Maastricht, Paesi Bassi
- **2013** Specialista in Terapia del Dolore (Fellowship, Amsterdam UMC/OLVG, Amsterdam, Paesi Bassi; riconosciuto dalla Società Svizzera di Terapia del Dolore Interventistica – SSIPM)
- **2011** Specialista in Anestesiologia, Amsterdam UMC, Paesi Bassi
- **2005** Laurea in Medicina, Università di Amsterdam, Paesi Bassi
- **2001** Master in Giurisprudenza (Master of Laws, LL.M.) con specializzazione in Diritto Sanitario, Università di Amsterdam, Paesi Bassi

Formazione

Preuniversity training

- **1989-1995** High School Gymnasium (Barlaeus), Amsterdam, The Netherlands

University training

- **1996-2001** Law, University of Amsterdam, The Netherlands (specialization in Health Law, propedeuse, cum laude
- **1999-2005** Medicine, University of Amsterdam
- **2006-2011** Diploma of Specialist in Anesthesia, VU University Medical Center/ Amsterdam University Medical Center (UMC), Amsterdam, the Netherlands
- **2017-2020** PhD program, Maastricht University, Maastricht, The Netherlands

Research training

- Research laboratory, Fac. Health, Medicine and Life Sciences, Maastricht University, Maastricht, The Netherlands (director: Prof. dr. E.A.J. Joosten)
- Research laboratory, Department of Anesthesiology and Pain Management, Maastricht University Medical Center+, Maastricht, The Netherlands (director: Prof. dr. J.H.M. van Zundert)
- Research laboratory, Department of Anesthesiology and Pain Management, VU University Medical Center, Amsterdam UMC, Amsterdam, The Netherlands (director: Prof. dr. S. Loer)

Certificates for teaching skills

- **2022** Teaching in the clinic, Facoltà di scienze biomediche, Università della Svizzera italiana, Lugano, Switzerland
- **2021** Teaching in the classroom, Facoltà di scienze biomediche, Università della Svizzera italiana, Lugano, Switzerland
- **2020** Teach the Teacher, Facoltà di scienze biomediche, Università della Svizzera italiana, Lugano, Switzerland
- **2019** Certificate Persuasive Speaking, Barcelona, Spain
- **2011** Teach the Teacher, Amsterdam UMC, the Netherlands

Clinical research certificates

- **2019** GCP Sponsor-Investigator level (Lugano, CH)
- **2015** GCP Investigator level (Lugano, CH), repeated in 2019

Esperienze professionali

- **2001-2003**: Legal Officer at, Department of labour law, Boekel De Nerée, a leading corporate law firm, Amsterdam, the Netherlands
- **2010-2014**: member the Juridical Committee of the National Anesthesia Association of the Netherlands
- **2010-2016**: columnist in the anesthesia journal of the National Anesthesia Association of the Netherlands
- **2005-2006**: resident, Department of Cardiology, BovenIJ Hospital, Amsterdam, The Netherlands
- **2006-2007**: resident, Department of Anaesthesiology and Intensive care, VU University Medical Center, Amsterdam, The Netherlands
- **2007-2008**: resident, Department of Anaesthesiology, Lucas Andreas Ziekenhuis, Amsterdam, the Netherlands
- **2008-2011**: resident, Department of Anaesthesiology and Intensive care, VU University Medical Center, Amsterdam, The Netherlands
- **2011-2013**: Capoclinica, Department of Anaesthesiology, OLVG, Amsterdam, The Netherlands
- **2012-2013**: Fellowship in Pain Medicine, Department of Anaesthesiology, OLVG / Amsterdam UMC, Amsterdam, the Netherlands
- **2013-2019**: Capoclinica, Pain Management Center, Neurocenter of Southern Switzerland and Division of Anesthesiology, Department of Acute Medicine, Regional Hospital of Lugano, Switzerland

- **2019-2025**: Caposervizio, Pain Management Center, Neurocenter of Southern Switzerland and Division of Anesthesiology, Department of Acute Medicine, Regional Hospital of Lugano, Switzerland
- **from 2021** Privat Dozent (PD), Faculty of Biomedical Sciences, Università della Svizzera Italiana, Lugano, Switzerland
- **2022-2025** Head of Research, Pain Management Center, Neurocenter of Southern Switzerland

Pubblicazioni

Original works and systematic reviews

1. Dossi Roberto, Tasciotti Edoardo, Sander van Kuijik, Paolo Maino, Vladimir Reyes, Andrea Saporito, **Koetsier Eva.** Is the PECS Block Non-inferior to Paravertebral Block in Postoperative Pain Management in Breast Surgery? A Multicentre, Randomized, Double-blind Trial. Journal of Breast Cancer accepted Jul 10, 2025.
2. Maurice Theunissen, Pietro Scarone, Sander M. van Kuijk, Anouk Y. Smeets, Paolo Maino, Madelon L. Peters, **Eva Koetsier.** The Italian version of the Surgical Fear Questionnaire: validation of its measurement properties. Minerva Anestesiologica 2024. 90(12):1065-1073.
3. Kuenzle A, van Kuijk SMJ, **Koetsier E**. Lumbar Facet Joint Radiofrequency Ablation with a 3-Tined Cannula, a Technical Report and Observational Study. Pain Res Manag. 2024 Dec 20;2024:8871568.
4. Cescon C, Landolfi G, Bonomi N, Derboni M, Giuffrida V, Rizzoli AE, Maino P, **Koetsier E**, Barbero M. Automated Pain Spots Recognition Algorithm Provided by a Web Service-Based Platform: Instrument Validation Study. JMIR Mhealth Uhealth. 2024 Aug 27;12:e53119.
5. **Koetsier E**, Sacco R, Maino P, Disanto G, Renard J, Digesu A, Gobbi C, Zecca C. Efficacy and safety of the implantable, magnetic resonance imaging-compatible StimRouter neuromodulation system in the treatment of refractory lower urinary tract symptoms in multiple sclerosis patients. Eur J Neurol. 2024 Feb;31(2):e16146.
6. Riegger M, Lee H, van Kuijk SMJ, Gyenes G, Hirsch J, Candrian C, Cianfoni A, **Koetsier E**. Intradiscal Glucocorticoid Injection in Discogenic Back Pain and Influence on Modic Changes, a Systematic Review and Meta-analysis of RCTs. Pain Physician. 2023 Sep;26(5):E449-E465.
7. Barbero M, Cescon C, Schneebeli A, Falla D, Landolfi G, Derboni M, Giuffrida V, Rizzoli A, Maino P, **Koetsier E**. Reliability of the pen-on-paper pain drawing analysis using different scanning procedures. Journal of Pain and Symptom Management. 2024 Feb;67(2):e129-e136.
8. Kuenzle A, van Kuijk SMJ, **Koetsier E**. Efficacy of Cervical Facet Joint Radiofrequency Ablation with a Multi-Tined Cannula, a Technical Note and Observational Study. Pain Physician. 2023;26:E353-E361.
9. Di Caterino F, **Koetsier E**, Hirsch JA, Isalberti M, San Millan D, Marchi F, La Barbera L, Pileggi M, Cianfoni A. Middle column Stent-screw Assisted Internal Fixation (SAIF): a modified minimally-invasive approach to rescue vertebral middle column re-fractures. J Neurointerv Surg. 2023 Jan 2:jnis-2022-019752.
10. Scarone P, Van Santbrink W, **Koetsier E**, Smeets A, Van Santbrink H, Peters ML. The effect of perioperative psychological interventions on persistent pain, disability, and quality of life in patients undergoing spinal fusion: a systematic review. Eur Spine J. 2023;32:271-288.

11. **Koetsier E**, Vacchi E, Maino P, Dukanac J, Melli G, van Kuijk SMJ. Dorsal Root Ganglion Stimulation in Chronic Painful Polyneuropathy: A Potential Modulator for Small Nerve Fiber Regeneration. Neuromodulation. 2022:S1094-7159(22)01252-1

12. **Koetsier E**, S.M.J. van Kuijk, P. Maino, J. Dukanac, L. Scascighini, A. Cianfoni, P. Scarone, D.E. Kuhlen, M.W. Hollmann, J.W. Kallewaard. Efficacy of the Gelstix nucleus augmentation device for the treatment of chronic discogenic low back pain: protocol for a randomised, sham-controlled, double-blind, multicentre trial. BMJ Open. 2022;12:e053772.

13. A. Cianfoni, P. Scarone, M. Isalberti, **Koetsier E.**, J. Hirsch, P. Marco. Minimally invasive SAIF technique corrects kyphosis in osteoporotic vertebral fractures with severe collapse: a pilot "vertebra plana" series. Am J Neuroradiol. 2022;43:776-783.

14. Sacco R, Braga A, Disanto G, Digesu GA, Maino P, **Koetsier E**, Caccia G, Serati M, Renard J, Gobbi C, Zecca C. Effectiveness of percutaneous posterior tibial nerve stimulation for the management of bowel dysfunction in multiple sclerosis patients. Mult Scler J. 2021;27:1577-1584.

15. Scarone P, Smeets A, van Kuijk SMJ, van Santbrink H, Peters M, **Koetsier E**. A Randomized Controlled TRIal of Cognitive BEhavioral Therapy for High CAtastrophizing Patients undergoing Lumbar Fusion Surgery: the TRIBECA study. BMC Muscoloskeletal Disorders. 2020;21:810.

16. **Koetsier E**, van Kuijk SMJ, Melli G, Dukanac J, Barbero M, van Zundert J, Joosten EA, Maino P. Dorsal Root Ganglion Stimulation for the Management of Intractable Painful Polyneuropathy: A Prospective Pilot Study. Neuromodulation. 2021;24:685-694. Part of my PhD program.

17. **Koetsier E**, Franken G, Debets J, van Kuijk SMJ, Linderoth B, Joosten EA, Maino P. Dorsal Root Ganglion Stimulation in Experimental Painful Diabetic Polyneuropathy: Delayed Wash-out of Pain Relief after Low-Frequency (1Hz) Stimulation. Neuromodulation. 2020;2:177-184. Part of my PhD program.

18. **Koetsier E**, Franken G, Debets J, Heijmans L, van Kuijk SMJ, Linderoth B, Joosten EA, Maino P. Mechanism of Dorsal Root Ganglion Stimulation for Pain Relief in Painful Diabetic Polyneuropathy is Not Dependent on GABA Release in the Dorsal Horn of the Spinal Cord. CNS Neuroscience & Therapeutics. 2020;26:136-143. Part of my PhD program.

19. Maino P, van Kuijk SMJ, **Koetsier E**. Refill Port Identification of Intrathecal Drug Delivery System Devices with a Raised Fill Port, Pain Pract. 2019;19:418-425.

20. **Koetsier E**, Franken G, Debets J, van Kuijk SMJ, Perez RSGM, Linderoth B, Joosten EA, Maino P. Effectiveness of Dorsal Root Ganglion Stimulation and Dorsal Column Spinal Cord Stimulation in a Model of Experimental Painful Diabetic Polyneuropathy. CNS Neuroscience & Therapeutics. 2019;25:367-374. Part of my PhD program.

21. Maino P, van Kuijk SMJ, Perez RSGM, **Koetsier E**. Refill Procedures of Intrathecal Drug Delivery Systems with a Recessed Fill Port on the Pump Surface: a Prospective Comparison Study of Ultrasound-Guided vs. Blind Refill Technique. Neuromodulation. 2019;22:799-804.

22. Maino P, Presilla S, Colli Franzone PA, van Kuijk SMJ, Perez RSGM, **Koetsier E**. Radiation Dose Exposure for Lumbar Transforaminal Epidural Steroid Injections and Facet Joint Blocks under CT versus Fluoroscopic Guidance. Pain Pract, 2018;18: 798-804.

23. Maino P, van Kuijk SMJ, Perez RSGM, **Koetsier E**. Ease of Fill Port Access During the Ultrasound-Guided vs. the Blind Refill Technique of Intrathecal Drug Delivery Systems with a Raised Septum, a Prospective Comparison Study. Neuromodulation. 2018;21:641-647.

24. Maino P, Perez RSGM, **Koetsier E**. Intrathecal Pump Refills, Pocket Fills, and Symptoms of Drug Overdose: A Prospective, Observational Study Comparing the Injected Drug Volume vs. the Drug Volume Effectively Measured Inside the Pump. Neuromodulation. 2017;20:733-739.
25. Maino P, **Koetsier E**, Perez RSGM. The Accuracy of Template-Guided Refill Technique of Intrathecal Pumps Controlled by Fluoroscopy: An Observational Study. Neuromodulation. 2015;18:428-432.
26. **Koetsier E**, Boer Ch, Loer, SA, Complaints and incident reports related to anaesthesia service are foremost attributed to nontechnical skills. European Journal of Anaesthesiology 2011;28:29-33. Impact factor/maximum ranking 2019:2.893/ 7/31.
27. Baldeschi L, MacAndie K, **Koetsier E**, Blank LE, Wieringa WM, The influence of previous orbital irradiation on the outcome of rehabilitative decomplression surgery in graves orbitopathy. Am J Ophtalmol. 2008; 145: 534-540.

Case reports – letters

1. Hackethal S, Maino P, **Koetsier E**, Manconi M. Spinal cord stimulation in severe pharmacoresistant restless legs syndrome-two case reports. Front Neurol. 2023 Nov 30;14:1219881.
2. **Koetsier E**, Melli G. Response to: "Letter to the Editor Regarding: 'Dorsal Root Ganglion Stimulation in Chronic Painful Polyneuropathy: A Potential Modulator for Small Nerve Fiber Regeneration'". Neuromodulation. 2024 Jun;27(4):802-803.
3. Maino P, **Koetsier E**. Reply to Letter to the Editor Regarding Sonographic Assistance for Intrathecal Drugs Delivery System Refill. Pain Pract. 2019;19:677.
4. **Koetsier E**, Maino P. Commentary on: Safe Use of Epidural Corticosteroid Injections: Recommendations of the WIP Benelux Work Group, by Van Boxem et al., Pain Practice 2019;19:344.
5. Croci DM, **Koetsier E**, Maino P, Reinert M. Cervical radiculopathy caused by Vertebral Artery Loop: Is a focused fluoroscopic-guided cervical epidural steroid injection a possible treatment modality? Pain Practice. 2020;20:787-791.
6. Maino P, **Koetsier E**, Kaelin-Lang A, Gobbi C, Perez RSGM. Efficacious Dorsal Root Ganglion Stimulation for Painful Small Fiber Neuropathy: A Case Report. Pain Physician, 2017;20:E459-E463.
7. **Koetsier E**, Kallewaard JW, Maino P. Commentary on: Does provocative discography cause clinically important injury to the lumbar intervertebral disc? A 10-year matched cohort study, by Cueller et al. Spine J. 2017;17:610-611.
8. **Koetsier E**, Maino P, Perez RSGM. Fentanyl Overdose Caused by Malfunction of SynchroMed II Intrathecal Pump: Two Case Reports. Reg Anesth Pain Med. 2014;39:434-437.

Narrative Reviews

1. Barbero M, Schneebelia A, **Koetsier E**, Maino P. Myofascial pain syndrome and trigger points: evaluation and treatment in patients with musculoskeletal pain. Curr Opin Support Palliat Care. 2019;13:270-276.

Book of PhD thesis

(ebook visible at: https://www.globalacademicpress.com/ebooks/eva_koetsier/)

Appartenenze

- Swiss Society of Interventional Pain Medicine
- Ordine dei Medici Canton Ticino
- Swiss Pain Society
- Business Professional Women Ticino
- Circolo Medico Mendrisio e Lugano
- The Society of *Women Innovators* in *Pain Management*
- International Association for the Study of Pain

Accreditamento

Clinica Ars Medica

Ars Medica Manno

Centromedico

Chiasso

Locarno

Specialità

Anestesiologia

Terapia del dolore

Contatto

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Scaricare vCard

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