

Full name **Eva Koetsier**

Titles **PD, MD, PhD, MLaw**

Date of birth November 15, 1976

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Neurocenter of Southern
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Switzerland

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ABOUT ME

Following a master university degree in Law and a in Medicine, in 2001 and 2005 respectively, I obtained the specialization degree in Anesthesiology in 2011 at the VU University Medical Center of Amsterdam. During this period, I worked as a Legal Consultant in a prominent Law Firm in Amsterdam, as a Columnist regarding legal cases of anaesthesiologists and as a Member of the Legal Committee of the National Anesthesia Association in the Netherlands. In 2012, I completed a one-year clinical fellowship in Pain Management at the OLVG of Amsterdam. Since 2013, I moved to Switzerland (Tessin). I am Senior Consultant (Leitender Arzt) at the Pain Management Center of the Neurocenter of Southern Switzerland and the Anesthesiology Service of the Ospedale Regionale di Lugano, and Head of Research at the Pain Management Center of the Neurocenter of Southern Switzerland. Besides an intense clinical commitment, I nurture a great passion for clinical research. In September 2020, I completed my PhD traject at the Maastricht University and I obtained the role of Privat Dozent at the Università' of Svizzera Italiana in June 2021. My research interest is mainly focused on minimal invasive (spinal) interventions and neuromodulation. I am married to Jelle Jansen, with who I run our agriturismo in Luino, Italy and we have two sons: Zico (2005) and Mika (2010).

POSITIONS AND APPOINTMENTS

Since 06/2021 **Privat Dozent (PD)**
Faculty of Biomedical Sciences, Università della Svizzera
Italiana, Lugano, Switzerland

Since 07/2019 **Senior Consultant (Caposervizio)**
Pain Management Center, Neurocenter of Southern
Switzerland and Division of Anesthaesiology,
Department of Acute Medicine Regional Hospital of
Lugano, Switzerland

03/2017 – 09/2020 **PhD researcher**

Maastricht University, Faculty of Health
Medicine and Life Sciences, Maastricht, The Netherlands

- Since 06/2017 **Co-Owner agriturismo**
Agriturismo Voeuja
Luino, Italy, <https://voeuja.it/>
- 02/2013 – 06/2019 **Consultant**
Pain Management Center, Neurocenter of Southern
Switzerland, EOC
Division of Anesthesiology, Department of Acute Medicine
Regional Hospital of Lugano, Switzerland
- 01/2012 – 01/2013 **Fellow Interventional Pain Management**
Department of Anaesthesiology, OLVG /Amsterdam UMC
Amsterdam, the Netherlands
- 11/2011 – 01/2013 **Consultant**
Department of Anaesthesiology
Onze Lieve Vrouwe Gasthuis, Amsterdam, The
Netherlands
- 10/2011 – 11/2011 **Consultant**
Department of Anaesthesiology
Rode Kruis Ziekenhuis, Beverwijk, The Netherlands
- 06/2010 – 09/2016 **Columnist**
Journal of the Dutch Association of Anaesthesiology
Regular column about juridical cases regarding
anesthesiologists
- 01/2010 – 01/2013 **Member of the Juridical Committee of the Dutch
Association of Anaesthesiology**
- 07/2008 – 09/2011 **Senior Resident**
Department of Anaesthesiology and Intensive care, Prof.
S. Loer and Prof.Dr. A. Girbes, VU University Medical
Center, Amsterdam, The Netherlands

- 07/2007 – 06/2008 **Resident**
 Department of Anaesthesiology, Lucas Andreas
 Ziekenhuis, Amsterdam, the Netherlands
- 07/2006 – 06/2007 **Resident**
 Department of Anaesthesiology, Prof. S. Loer, VU
 University Medical Center, Amsterdam, The Netherlands
- 07/2005 – 06/2006 **Resident**
 Department of Cardiology, BovenIJ Hospital,
 Amsterdam, The Netherlands
- 09/2001 – 09/2003 **Legal Consultant**
 Department of labour law, Boekel De Nerée
 Amsterdam, The Netherlands

EDUCATION

Formal training

- 03/2017 – 09/2020 **PhD in Pain Medicine**
Title of thesis: Dorsal Root Ganglion Stimulation for Pain
 Relief in Painful Polyneuropathy: Efficacy and
 Mechanism of Action. September 11, 2020, Maastricht.
- Fac. Health, Medicine and Life Sciences,
 Maastricht University, Maastricht,
 The Netherlands (director: Prof. dr. E.A.J. Joosten)
 - Department of Anesthesiology and Pain Management,
 Maastricht University Medical Center+, Maastricht,
 The Netherlands (director: Prof. dr. J.H.M. van
 Zundert)
- 01//2012 – 01/2013 **Pain Physician**
 Department of Anaesthesiology, OLVG / UMC,
 Amsterdam, The Netherlands
- 07/2006 – 09/2011 **Anaesthesiologist**
 Resident in training in Anaesthesiology

Department of Anaesthesiology and Intensive care, VU
University Medical Center, Amsterdam, The Netherlands

09/1999 – 06/2005 **Degree in Medicine (MD – Medical Doctor)**
University of Amsterdam, The Netherlands

09/1996 – 09/2001 **Degree in Law (MLaw – Master of Law)**
University of Amsterdam, The Netherlands

// **09/1995 – 09/1996 Travelling + Working in Australia and New Zealand** //

09/ 1989 – 09/1995 **High School Gymnasium**
10 disciplines, linguistics + scientific
Amsterdam, The Netherlands

09/ 1983 – 09/1989 **Primary school**
Monnickendam, The Netherlands

Courses

- 28/04/2021 **Systematic Review and Meta-analysis**
CTU-EOC, Bellinzona, Switzerland (Trainer: Prof. Dr.
med. G. Treglia)
5 SIWF FMH credits, 4.5 SwAPP credits
- 12/2020 **Teach the Teacher**
Facoltà di scienze biomediche, Università della Svizzera
italiana, Lugano, Switzerland
34-hours course
- 10/2019 **GCP Sponsor-Investigator Level**
CTU-EOC and external referees, Bellinzona, Switzerland
7 SIWF FMH credits, 6 SwAPP credits
- 10/2019 **GCP Investigator Level**
CTU-EOC and external referees, Bellinzona, Switzerland
7 SIWF FMH credits, 6 SwAPP credits
- 10/2019 **Swiss Pain Congress**
Montreux, Switzerland

		12 CME credits
06/2019	Euroanaesthesia 2019	
	Vienna, Austria	
	22 CME credits	
05/2019	Certificate Persuasive Speaking	
	Barcelona, Spain	
	2-days course	
11/2018 – 05/2019	Exploring advancements in neuromodulation	
	Abbott Neuromodulation Education	
	Dusseldorf, Germany, and Barcelona, Spain	
	3 x 3-days course	
09/2018	L'assicurazione Invalidita' e il SMR per i medici assistenti	
	Centre de formation AI, Bellinzona, Switzerland	
	SIWF/FMH/ISFM: 6 credits, SIM: 6 credits	
06/2018	Euroanaesthesia 2018	
	Copenhagen, Denmark	
	17 CME credits	
06/2018	Perfezione e aggiornamento in medicina intensiva	
	Lugano, Switzerland	
	5.5 CME credits	
05/2018	National Examination in Radioprotection	
	Corso di radioprotezione tipo B	
	Centro professionale sociosanitario di Locarno-Lugano, Switzerland (4 days)	
05/2018	9th World Congress of the World Institute of Pain	
	Dublin, Ireland	
	23 CME credits	
11/2017	Swiss Pain Congress	
	Swiss Society for Interventional Pain Management	
	Montreux, Switzerland	
	12 CME credits	
09/2017	36th Annual ESRA Congress	
	Lugano, Switzerland	
	21 CME credits	
09/2017	10th Congress of the European Pain Federation, EFIC	
	Copenhagen, Denmark	
	18 CME credits	

- 06/2017 **Euroanaesthesia 2017**
Geneva, Switzerland
18 CME credits
- 03/2017 **Utilizzo dell'ecografia nell'anestesia perimidollare:
indicazioni e limiti**
AMACTI, Lugano, Switzerland
2 SSAR credits
- 11/2016 **Swiss Pain Congress**
Swiss Society for Interventional Pain Management
Montreux, Switzerland
12 CME credits
- 09/2016 **35rd Annual ESRA Congress**
Maastricht, The Netherlands
21 CME credits
- 06/2016 **ESNR 7th Advanced Course of HQ in Interventional Spine
Neuroradiology**
Geneva, Switzerland
21 CME credits
- 05/2016 **Euroanaesthesia 2016**
London, United Kingdom
17 CME credits
- 12/2015 **GCP Module 1 Investigator Level**
CTU-EOC, Bellinzona, Switzerland
8 SIWF FMH credits
- 11/2015 **Swiss Pain Congress**
Swiss Society for Interventional Pain Management
Montreux, Switzerland
12 CME credits
- 09/2015 **9th Congress of the European Pain Federation, EFIC**
Vienna, Austria
23 CME credits
- 05/2015 **Euroanaesthesia 2015**
Berlin, Germany
18 CME credits
- 06/2015 **GCP Module 1 Investigator Level**
CTU-EOC, Bellinzona, Switzerland
8 SIWF FMH credits

- 09/2014 **33rd Annual ESRA Congress**
 Seville, Spain
 21 CME credits
- 05/2014 **7th World Congress of the World Institute of Pain**
 Maastricht, The Netherlands
 18 CME credits
- 02/2013 - 12/2020 **Continuous education in Anaesthesiology**
*Division of Anesthesiology, Department of Acute Medicine,
 Regional Hospital of Lugano, Switzerland*
 108 SSAR - SGAR credits
AMACTI
 64 SSAR - SGAR credits
- 10/2013 **8th Congress of the European Pain Federation, EFIC**
 Florence, Italy
 19 CME credits
- 06/2013 **Intrathecal Drug Delivery – Course III**
 Barcelona, Spain
 9 CME credits
- 11/2012 **Pain days**
 Arnhem, The Netherlands
 5 CME credits
- 05/2012 **Comprehensive review course for FIPP exam**
 London, United Kingdom
 32 CME credits
- 05/2012 **Evidence and Guidelines Symposium on Interventional Pain
 Procedures**
 World Institute of Pain
 London, United Kingdom
 10 CME credits
- 01/2012 **National Examination in Radioprotection**
 Leiden Universital Medical Center,
 The Netherlands (5 days)
- 06/2011 **Access to the airway; special intubation techniques**
 Dutch Association of Anaesthesiology
 Maastricht, The Netherlands (11 hours)
- 04/2011 **Simulation based Airway Management Training in Intensive
 Care**

- VU University Medical Center, Amsterdam, The Netherlands
Amsterdam, The Netherlands
- 11/2010 **Bronchoscopy for Intensivist**
VU University Medical Center, Amsterdam, The Netherlands
Amsterdam, The Netherlands
2-days course
- 06/2010 **Teach the Teacher**
VU University Medical Center, Amsterdam, The Netherlands
Amsterdam, The Netherlands
4-days course
- 04/2007 **ATLS Provider Course**
Dutch Association of Advanced Trauma Life Support
Riel, The Netherlands
15 credits Dutch Association of Anaesthesiology

LANGUAGES

Mother tongue

Dutch

Other languages

English

Reading skills: Excellent; Writing skills: Excellent;
Verbal skills: Excellent

Italian

Reading skills: Excellent; Writing skills: Excellent;
Verbal skills: Excellent, level B2 certificate on 06/12/2012

German

Reading skills: Excellent; Writing skills: Good;
Verbal skills: Good

French

Reading skills: Good; Writing skills: Intermediate;
Verbal skills: Intermediate

COUNSELLING FOR SCIENTIFIC JOURNALS - REVIEWER

- Journal of Pain Research
- European Radiology
- Neuromodulation, Technology at the Neural Interface
- Pain Management
- Brain Sciences
- Pain Practice
- Scientific Reports
- Postgraduate Medicine
- Medicine
- Clinical Case Reports

<https://orcid.org/0000-0002-8786-0665>

<https://publons.com/researcher/ABG-1802-2020/>

THESIS PROMOTORSHIP AND SUPERVISION

PhD-trajectories

Co-promotorships, ongoing supervision at the University of Maastricht:

- Dr. med. P. Scarone, Senior Consultant, Department of Neurosurgery, Neurocenter of Southern Switzerland. Title: The Impact of Psychological Factors on Outcome in Spinal Surgery.
- Prof. Dr. med. A. Cianfoni, Head of the Service of Diagnostic and Interventional Radiology, Neurocenter of Southern Switzerland, EOC. Title: Minimally Invasive SAIF Vertebral Reconstruction Technique in Unstable Vertebral Compression Fractures.

Master Thesis trajectories

Co-promotorships, finished:

- F.P.A. Colli, Pain Management Center, Neurocenter of Southern Switzerland, EOC. Title: Radiation Dose Exposure for Lumbar Transforaminal Epidural Steroid Injections and

RESEARCH FUNDS

In the Role of Principal Investigator and Author of the Study Protocol (Investigator Initiated Trials)

- 2018 Unrestricted Grant ABREOC, competitive, foundation of the study 'PREferred Neurostimulation MODdalities to treat chronic intractable back pain, A 3x3 Crossover Study', 40'497 CHF
- 2015 Unrestricted Grant ABREOC, competitive, foundation of the study 'Dorsal Root Ganglion Stimulation for the Management of Painful Intractable Small Fibre Neuropathy. A Prospective Case Series', 40'777 CHF

In the Role of Sponsor Investigator and Author of the Study Protocol (Investigator Initiated Trials)

- 2018 Unrestricted Grant ABREOC, competitive, foundation of the study 'The Impact of Cognitive Behavioral Therapy (CBT) on Treatment Outcome after Lumbar Spinal Fusion Surgery in Patients with High Pain Catastrophizing: a Two-center Randomized Controlled Trial of CBT vs. Education', 60'301 CHF

In the Role of Co-Investigator

- 2018 Unrestricted Grant Boston Scientific AG (foundation of the study 'A Global Registry to Evaluate Long-Term

- Effectiveness of Neurostimulation Therapy for Pain
(RELIEF) Protocol A7007 Rif.CE 2757, 8'919 CHF
- 2018 Unrestricted grant St. Jude Medical AG to support research projects in the field of neuromodulation, 60'000 CHF
- 2017 Unrestricted Grant Boston Scientific AG, foundation of the study 'A Global Registry to Evaluate Long-Term Effectiveness of Neurostimulation Therapy for Pain (RELIEF) Protocol A7007 Rif.CE 2757, 11'655 CHF
- 2016 Unrestricted Grant Boston Scientific AG, foundation of the study 'A Global Registry to Evaluate Long-Term Effectiveness of Neurostimulation Therapy for Pain (RELIEF) Protocol A7007 Rif.CE 2757, 7'366 CHF
- 2015 Unrestricted Grant St.Jude Medical AG, to support research projects in the field of neuromodulation, 30'000 CHF)
- 2015 Unrestricted Grant Boston Scientific AG, foundation of the study 'A Global Registry to Evaluate Long-Term Effectiveness of Neurostimulation Therapy for Pain (RELIEF) Protocol A7007 Rif.CE 2757, 13'805 CHF
- 2014 Unrestricted Grant St.Jude Medical AG, to support research projects in the field of neuromodulation, 40'000 CHF

TEACHING

- Pain, an introduction, Lesson for residents of anesthesia of Ticino, Switzerland, 26.05.2021
- Presentation PhD thesis, Maastricht (NL) (2020), visible at:
<https://mediasite.maastrichtuniversity.nl/Mediasite/Play/8a296e8687944061a5a8b488499dfd541d>
- Presentation at the internal updating courses of the Neurology Department of the Regional Hospital of Lugano (2018)
- Speaker at the International PhD Program: Seminars in Biomedical Neurosciences, Neurocenter of Southern Switzerland (2018)
- Several presentations at the internal updating courses of the Neurosurgery Department of the Regional Hospital of Lugano (2019, 2018, 2017)
- Case-based learning weekly for Junior Doctors and Nurse Anaesthetist Regional Hospital of Lugano (2018-2020)
- Speaker at several Dutch Anesthesia congresses, Health Law for Anaesthiologist
- Poster presentations:
 - Maino P., Melli G., van Kuijk S.M.J., Dukanac J., Barbero M., **Koetsier E**, Dorsal Root Ganglion Stimulation for the Management of Intractable Painful Polyneuropathy: A Prospective Pilot Study, 10^a Giornata della Ricerca in Medicina Umana, Lugano, Switzerland, June 6, 2021.
 - Dukanac J., Maino P., van Kuijk S.M.J., **Koetsier E**. Refill Septum Identification Accuracy of Intrathecal Drug Delivery System Devices with a Raised Septum on Pump Surface, 41^o Congresso nazionale dell'Associazione Italiana per lo Studio del Dolore, Roma, June7-9, 2018.
 - Maino P., Joosten EA, **Koetsier E**. Spinal cord stimulation of the L5 dorsal root ganglion for the treatment of experimental painful diabetic polyneuropathy, 7^o Giornata della Ricerca, Lugano, Switzerland, March 10, 2017.
 - Maino P., **Koetsier E**, D. Kuhlen, V. Ross, Perez R.S.G.M. A Successful case of intradiscal hydrogel implantation for the treatment of chronic intractable discogenic pain: a Case Report. 35th Annual ESRA Congress, Maastricht, The Netherlands Sept7-10, 2016.
 - Maino P., **Koetsier E.**, Kaelin-Lang A., Gobbi C., Perez R.S.G.M. Efficacious Dorsal Root Ganglion Stimulation for Painful Small Fiber Neuropathy: a Case Report, Poster, 6^o Giornata della Ricerca, Lugano, Switzerland, 18-03-2016.
 - **E. Koetsier**, P Maino, R.S.G.M. Perez. Liquor sample confirms intrathecal fentanyl overdose caused by intrathecal pump malfunction, Poster, 9th Congress of the European Pain Federation (EFIC), PAIN IN EUROPE Vienna, Austria, Sept 2-5, 2015.

- P Maino, **E Koetsier**, C Gobbi, J Subbaroyan, A case study in targeted spinal cord stimulation (SCS) for small fiber neuropathy: the clinical utility of the dorsal root ganglion (DRG) as a neuromodulation target., poster, 18th Annual Meeting of the North American Neuromodulation Society, December 11-14 2014, Las Vegas, NV.
- **E. Koetsier**, V. Vano, P. Maino. From surgical plate electrode to dorsal root ganglion stimulation, 29 year of effective neuropathic pain relief with neuromodulation: a case report, Poster and Oral communication, 33rd Annual ESRA Congress, Sept 3-6, 2014.
- P. Maino, R.S.G.M. Perez, **E. Koetsier**, Accuracy of template-guided refill technique of intrathecal pumps controlled by fluoroscopy, Poster, World Pain Congress Maastricht The Netherlands May 7-10, 2014
- P. Maino, **E. Koetsier**, L. Codipietro, V. Ross, Dorsal root ganglions stimulation versus classic SCS for intractable neuropathic pain in difficult to target anatomical locations, Poster, 8th Congress of the European Pain Federation (EFIC), PAIN IN EUROPE Florence, Italy, October 9-12, 2013.
- P. Maino, **E. Koetsier**, L. Codipietro, Fluoroscopic guided localization of refill port of the intrathecal pump reservoir decreases risk of inadvertent soft tissue injection. 8th Congress of the European Federation of IASP Chapters (EFIC) – PAIN IN EUROPE Florence, Italy, October 9-12, 2013.
- P. Maino, **E. Koetsier**, Topical high-concentration capsaicin (8%) relieves persistent postsurgical pain (PPSP), poster presentation 8th Congress of the European Pain Federation (EFIC), Florence, Italy, October 9-12, 2013.

Hirsch Factor: 8

PhD Thesis Title of thesis: Dorsal Root Ganglion Stimulation for Pain Relief in Painful

Polyneuropathy: Efficacy and Mechanism of Action. **Book of thesis visible at:**

https://www.globalacademicpress.com/ebooks/eva_koetsier/4 September 11, 2020, Maastricht

Scientific works published in journals with editorial policy

Original works and systematic reviews

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

- 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.
- 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.
- 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.
- 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. 647
- **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.
- Baldeschi L, MacAndie K, **Koetsier E**, Blank LE, Wieringa WM, The influence of previous orbital irradiation on the outcome of rehabilitative decompression surgery in graves orbitopathy. *Am J Ophthalmol*. 2008; 145: 534-540.

Case reports - Letters

- Maino P, **Koetsier E**. Reply to Letter to the Editor Regarding Sonographic Assistance for Intrathecal Drugs Delivery System Refill. *Pain Pract*. 2019;19:677.
- **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
- 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.
- 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.
- **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.
- **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

- 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. .

In the role of Sponsor-Investigator:

- A Multicenter Prospective Randomized Controlled Trial Comparing Minimally Invasive SAIF Vertebral Reconstruction Technique versus Surgical Fixation in Unstable Osteoporotic Vertebral Compression Fracture, project in collaboration with the Department of Interventional and Diagnostic Neuroradiology, INSI, EOC Lugano, CH.
- The Impact of Cognitive Behavioral Therapy (CBT) on Treatment Outcome after Lumbar Spinal Fusion Surgery Patients with High Pain Catastrophizing: a Randomized Controlled Trial of CBT vs. Education plus Usual Care (two center study with the Zuyderland Hospital, NL, and Pain Management Center NSI, project in collaboration with the psychology department, Maastricht University, NL. <https://clinicaltrials.gov/>: NCT03969602

In the role of Principal Investigator

- An open label, randomized-controlled trial to assess efficacy and safety of HYALODISC combined with physical exercise program compared to standard care (Physical Exercise Program) in patients with low back pain due to Degenerative Disc Disease. <https://clinicaltrials.gov/>: NCT04757038
- Dorsal Root Ganglion Stimulation for the Management of Intractable Painful Polyneuropathy: A Prospective Case Series. <https://clinicaltrials.gov/>: NCT02435004
- A Randomized, Double-blind, Placebo-controlled, Multicenter Efficacy Study of the Gelstix™ Device to treat Chronic Discogenic Low Back Pain (two center study with the Rijnstate Hospital, The Netherlands, and Pain Management Center NSI. Project in collaboration with the neuroradiology department, EOC Lugano, CH. <https://clinicaltrials.gov/>: NCT02763956
- PREferred Neurostimulation MODdalities to treat chronic intractable back pain, A 3x3 Crossover Study. Project in collaboration with the Maastricht University. <https://clinicaltrials.gov/>: NCT04582721
- Development of the Italian version of Surgical Fear Questionnaire, a Cross-Cultural Adaptation and Assessment of Its Measurement Properties (project in collaboration with the Maastricht University, psychology department.
- Is PECS block equivalent to paravertebral block in preventing postoperative pain after breast surgery? A randomized, controlled, double-blind trial. project in collaboration with the anesthesiology department, PD Dr. med. Saporito, EOC Bellinzona. <https://clinicaltrials.gov/>: NCT02645474
- Interaction between intravenous magnesium sulfate and volatile anesthetics compared to propofol. A three-center prospective randomized single-blinded electrophysiological study.

Systematic reviews:

- A Does Intradiscal Glucocorticoid Injection Provide Relief in Lumbar Back Pain? A Systematic review and Meta-Analysis of RCT's. Project in collaboration with the ortopedic department, Dr. med. Martin Riegger, EOC Lugano, CH
- Effecti of Pre-operative Expectations on the Outcomes following Spinal Fusion Surgery, a Systematic review. Project in collaboration with the neurosurgical department, Dr. med. Pietro Scarone, EOC Lugano, CH

In the role of Co-Investigator

- Wireless, Implantable Tibial Nerve Stimulator System for the Treatment of Refractory Lower Urinary Tract Symptoms in Patients With Multiple Sclerosis (Stimrouter). Project in collaboration with the neurourology department, EOC Lugano, CH.
<https://clinicaltrials.gov/: NCT04567264>
- Neuromodulation RELIEF STUDY (A7007), a global registry to evaluate long-term effectiveness of neurostimulation therapy for pain. <https://clinicaltrials.gov/: NCT01719055>
- Intravenous Dexamethasone Administration in Patients Undergoing Total Shoulder Arthroplasty.
<https://clinicaltrials.gov/: NCT04507412>
- A Study to Compare Different Ways of Steroid Administration After Total Knee Implantation.
<https://clinicaltrials.gov/: NCT04432012>
- This is a Study to Verify if Tranexamic Acid Can Reduce the Anemia After a Femoral Shaft Fractures Surgery.
<https://clinicaltrials.gov/: NCT04803591>

MEMBERSHIPS

Associations/Societies

- International Association for the Study of Pain
- International Neuromodulation Society
- Swiss Society for Anaesthesiology and Resuscitation
- Swiss Society of Interventional Pain Medicine
- Ordine dei Medici Canton Ticino