

Curriculum Vitae

Personal data

Name: Georg Heinrich Kluge
Date of birth / place: 17 november 1964, Gelnhausen / Germany
Marital status: living together, 1 son (25 years old)
GMC reference number: 4077378

Training

2017 Fellowship Pain management, Erasmus Medical Centre Rotterdam, The Netherlands
2002 European Diploma Intensive Care (EDIC)
2000 - 2001 Fellowship Intensive Care Medicine, Free University (VUMC) Amsterdam, The Netherlands
2000 Diploma of the European Academy of Anesthesiology (DEAA)
1994 - 1999 Training in Anesthesiology, exam Federal Medical Council, Germany
1984 - 1991 Medical School, Julius-Maximilians-Universität, Würzburg / Germany, state exam
1974 - 1983 A-level, Franziskanergymnasium Kreuzburg, Grosskrotzenburg / Germany

Ph.D. Thesis

1994 "The prophylaxis of postlumbal puncture headache with Diclofenac", a randomised placebo controlled double blind study on 398 patients, Prof. Dr. med. G. Sprotte, Julius-Maximilians-Universität Würzburg, Germany

Working experience

since 1/2024 Execution of all Sweet procedures (ganglion trigeminale block) in trigeminal neuralgia, ganglion pterygopalatinum blocks in Cluster headache patients and atlanto-axial joint blocks within DC Klinieken Nederland
since 1/2020 Consultant pain specialist, DC Klinieken Alkmaar (0,2 WTE)
since 10/2019 Consultant intensivist Bovenij ziekenhuis Amsterdam, NL (0,5 WTE), six bed mixed ICU
since 7/2018 Consultant pain specialist, Annatomie, Medisch Centrum Amstelveen (0,1-0,3 WTE)
6/19 - 7/2020 Consultant pain specialist, Nij Smellinghe Hospital Drachten, NL (0,5 WTE)
6 - 9/2019 Consultant intensivist (0,2 WTE), Jeroen Bosch Hospital s'Hertogenbosch, NL, 18 bed mixed ICU
3 - 10/2018 Consultant intensivist MC Slotervaart Amsterdam, NL (0,2 WTE), ten bed ICU and regional neurosurgical centre in teaching hospital
10/16-2/2018 Consultant intensivist RKZ Beverwijk, NL (0,2 WTE), ten bed ICU and six bed burn unit
7/16 - 5/2019 Consultant anesthesiologist-intensivist Beatrixziekenhuis Gorinchem, NL (0,8 WTE), six bed ICU. Professionalisation of ICU department for implementation of new Dutch ICU guideline mid 2018. Since 1/2018 also as pain specialist.
5 - 6/2016 Consultant anesthesiologist Havenziekenhuis Rotterdam, NL (0,6 WTE)
5 - 6/2016 Consultant intensivist MC Slotervaart Amsterdam, NL (0,4 WTE)
6/15 - 4/2016 Consultant anesthesiologist Havenziekenhuis Rotterdam, NL (0,3 WTE)
3/15 - 4/2016 Consultant intensivist Rivierenlandziekenhuis Tiel, NL (0,7 WTE), six bed ICU. Professionalisation of ICU department for quality audit on behalf of the NVIC (Dutch Society of IC) dd 17/11/2015
5/03 - 3/2015 Head of Department Intensive Care, Slotervaart Ziekenhuis Amsterdam, NL. Ten bed ICU and regional neurosurgical centre in teaching hospital. Professionalisation of ICU for quality audit on behalf of the NVIC (Dutch Society of IC) on 10 march 2015
2001 – 2003 Consultant intensivist, 26-bed mixed ICU, Free University (VUMC) Amsterdam, NL
2000 – 2001 Fellow Intensive Care, Free University (VUMC) Amsterdam, NL
1999 – 2000 Consultant anaesthesiologist, University Hospital Essen, Germany
1997 – 1999 Senior Registrar Anaesthesiology and Intensive Care, University Hospital Essen, Germany
1994 – 1997 Registrar Anaesthesiology, Intensive Care and Pain therapy, Evangelisches Krankenhaus Düsseldorf, Germany

02 - 03/1994 Senior House Officer General Medicine, Monklands District General Hospital, Scotland
 1993 Senior House Officer General Medicine, Diakonissenkrankenhaus Frankfurt, Germany
 08 - 09/1992 Junior House Officer General Medicine, The Ayr Hospital, Scotland
 02 - 07/1992 Junior House Officer General Medicine, Monklands District General Hospital, Scotland
 1-4/1991 Practical year student Internal Medicine, Kantonsspital Wolhusen, Switzerland
 9-12/1990 Practical year student Anaesthesiology, University Hospital Würzburg, Germany
 5-8/1990 Practical year student Surgery, Kantonsspital Stans, Switzerland
 9/1988 Co-assistant General Hospital Tava-í, Paraguay
 8/1988 Co-assistant Obstetrics, Hospital Reina Sofia de la Cruz Roja, Asunción, Paraguay

Locum positions

Consultant Pain Specialist

3-8/2024 DC Klinieken Voorschoten, regional headache centre (4h/week)
 6 – 9/2022 DC Klinieken Almere, regional headache centre (1 day/week)

Consultant Intensivist

2/2021 (3 wk) Dr. Horacio Oduber Hospital, Aruba
 4/2020 (3 wk) Dr. Horacio Oduber Hospital, Aruba
 1/2019 (3 wk) Dr. Horacio Oduber Hospital, Aruba
 2014 - 2019 ViaMedica in Jeroen Bosch Ziekenhuis, MC Alkmaar, Groene Hart Ziekenhuis Gouda, Ziekenhuisgroep Twente Almelo, (1-2 on-calls/month)
 2018 (2,5 wk) Dr. Horacio Oduber Hospital, Aruba
 12/15-1/2018 MC Slotervaart (1-2 on-calls/month)
 10/16-8/2017 Spaarneziekenhuis Haarlem Zuid (1-2 on-calls/month)
 8 - 10/2016 Spaarneziekenhuis Haarlem Zuid (0,3 WTE)
 11 - 12/2015 Zuiderzeeziekenhuis Lelystad (1-2 on-calls/month)
 8 - 9/2015 Brandwondencentrum RKZ Beverwijk (0,3 WTE)
 6 - 7/2015 Havenziekenhuis Rotterdam (0,3 WTE)
 2014 (2,5 wk) Dr. Horacio Oduber Hospital, Aruba
 2013 (3 wk) Dr. Horacio Oduber Hospital, Aruba

Consultant Anesthesiologist

5/2023 Analgosedation Hartkliniek Lelystad
 5/16 - 9/2017 Havenziekenhuis Rotterdam (1-2 on-calls/month nd)
 9 - 10/2016 Medisch Centrum Haaglanden (1 on-call/month)
 2/2016 Waterlandziekenhuis Purmerend (2 on-calls/month)
 11 - 12/2015 Rivierenlandziekenhuis Tiel (1-2 on-calls/month)
 9/15-12/2016 Stichting Parnassia, Den Haag (1-4 on-calls/month)
 5 - 9/2015 Medisch Centrum Leeuwarden (1 dienst/maand)
 8/2015 (1 wk) St. James University Hospital Leeds NHS trust, UK
 4/2015 (1 wk) St. James University Hospital Leeds NHS trust, UK
 1 - 2/2015 St. James University Hospital Leeds NHS trust, UK
 1998 (2 wk) Locum Senior House Officer Anaesthesia, Bedford NHS trust, UK

Emergency Medicine

1994 - 2000 Emergency physician in the counties Viersen, Düsseldorf, Langenfeld, Lauterbach, Essen and Marburg / Germany. On average five 24 hour on-call shifts / month, in total > 2000 acute patients (about 15% trauma patients)
 1999/2000 Emergency physician Berry Klinik, St. Moritz, Switzerland (7wk)
 12/1999 Emergency physician High speed test course Nardó, Puglia, Italy (2wk)

Executive activities

since 2024 Member resuscitation commission BovenIJ Ziekenhuis Amsterdam
 sinds 2023 Chair sedation commission DC Klinieken Nederland
 2003 - 2015 Head Department Intensive Care, Slotervaart Ziekenhuis Amsterdam
 2008 - 2012 Quality visits on Dutch IC units on behalf of the NVIC (Dutch Society of IC)

- 2009 Member of Think tank "Organization of ICU care in the Netherlands", National Health Inspection, Ministry of Health, The Netherlands
- 2003 - 2005 Member of commission "EDIC training exam" on behalf of the NVIC
- 1998 - 2000 Spokesman Anaesthesiology residents, University Hospital Essen

Courses and meetings (not including yearly congresses and symposia)

- 7/22-12/2024 Practical training in head/neck pain interventions (Sweet procedures, ggl. pterygopalatinum & atlantoaxiaal oint blocks) under dr. O. Rohof, DC-klinieken Almere
- 3-7/2023 Implementation of stressor groups in accordance with John E. Sarno's mind-body concept, together with Mark Becking, Psychologist, DC-klinieken Alkmaar
- 05/2023 (1d) Interpretation van spine MRI's, Radiology department, Bovenijziekenhuis Amsterdam
- 2/2021 (3d) Lower Limb MSK & Peripheral Neuromodulation Virtual Course, Gulf Pain school
- 1/2021 (3d) Upper Limb MSK & Peripheral Neuromodulation Virtual Course, Gulf Pain school
- 9/2018 (1d) Ultrasound Guided Chronic Pain Interventions, SUA Workshop, Royal College of Physicians, London
- 12/2017 (2d) Course and diploma radiation protection for medical specialists, Boerhaave Institute, NL
- 6/2017 (2d) Hands on cadaver workshop for interventional spinal procedures, University Leeds, UK
- 4/2017 (2d) Introductory course pain management, Erasmus Medisch Centrum, Rotterdam, NL
- 2/2017 (1d) Certificate EMSB (Emergency Management of Severe Burns), Hilversum, NL
- 9/15 - 4/2016 Performing 250 TTE's, department of Cardiology, Rivierenlandziekenhuis Tiel, NL
- 03/2015 (1d) Course "Echo guided neuraxial nerve blocks", DARA, Nijmegen, NL
- 2014 Performing 20 TTE's, department of Cardiology, Slotervaart Ziekenhuis Amsterdam, NL
- 2014 (1d) Course "Echo guided regional anaesthesia", Dutch Association of Regional Anesthesia (DARA), Nijmegen, NL
- 2013 (1d) Course "Thoracic echography", Infomed London, UK
- 2012 (1d) Course "Transthoracic echocardiografie", Infomed London, UK
- 2012 (3d) "Eusim Simulation Instructor course", EuSim, Kobenhavn, Denmark
- 2001 (2d) Course and Certificate ATLS, Tilburg, NL
- 3-9/2000 Performing 50 TEE's, departmet of cardiology, University Hospital Essen, Germany
- 3-9/2000 (40h) Course "TEE in anaesthesiology", Friedrich-Wilhelms-Universität Münster, Germany
- 1996 (80h) Course Pain therapy I en II, University Hospital Bergmannsheil, Bochum, Germany
- 1993 - 2000 Performing 30 bronchoscopies, Diakonissenkrankenhaus Frankfurt / University Hospital Essen, Germany
- 1993 (40h) Course Bronchoscopy, German association of General Medicine (DGAI)
- 1993 Performing 150 abdominal echographies, Diakonissenkrankenhaus Frankfurt / University Hospital Essen, Germany
- 1993 (40h) Course Abdominal echography, German association of General Medicine (DGAI)
- 1993 (80h) Course and Certificate Emergency Medicine, Federal Medical Council (Ärzttekammer Hessen), Germany

Teaching activities

- Since 2020 Lecturer in Acute Medicine for junior doctors, Bovenlj ziekenhuis, Amsterdam (5h / jaar)
- Sinds 2020 Lecturer for ICU nurses, Bovenlj ziekenhuis, Amsterdam (5h / jaar)
- Since 2016 Lecturer in Emergency Medicine, Foundation Arkin, Amsterdam (3h/year)
- July 2020 3-day online course "Ventilation in the ICU", Afghanistan Medical Council
- 2010 - 1/2015 Implementation and organisation of 3-monthly 4-day introductory course "Acute medicine" for beginning residents, Slotervaart Hospital Amsterdam, NL
- 2009 - 1/2015 Implementation and organisation of 3-monthly 3-day introductory course "Intensive Care Medicine" for beginning ICU residents, Slotervaart Hospital Amsterdam, NL
- 2003 - 1/2015 Organisation of 14 Mini-Symposia for IC-nurses and residents, Slotervaart Hospital Amsterdam, NL
- 2002 - 2009 Instructor FCCS (Fundamental Critical Care Support), on behalf of the NVIC (Dutch Society of IC)
- 2002 - 2005 Lecturer, Training center for nurses (OCV), Amsterdam, NL
- 2002 - 2003 Organisation of weekly resuscitation training for IC doctors and nurses, VUMC Amsterdam, NL
- 2002 - 2003 Lecturer respiratory physiology for Anesthesiology registrars, VUMC Amsterdam, NL
- 1997 - 2000 Lecturer Advanced Life Support for medical students, University Hospital Essen,

Germany

1999 – 2000 Organisation of weekly lectures anesthesiology and physiology for Anesthesiology registrars, University Hospital Essen, Germany

Invited speaker

- 20-11-2017 Management of anesthesia in chronic pain patients, Department of Anesthesia, Erasmus Medisch Centrum, Rotterdam, NL
- 22-05-2014 'Management of massive bleeding' 14. Intensive Care Mini Symposium Slotervaart Hospital Amsterdam, NL: "The bleeding patient"
- 02-10-2012 "Fluid resuscitation with synthetical colloids – state of the art", 2nd Frontiers regional evening IC, OLVG Hospital Amsterdam, NL
- 25-11-2010 "Echography guided puncture of central lines on the ICU" 11. Intensive Care Mini Symposium Slotervaart Hospital Amsterdam, NL: "Complications on the ICU"
- 11-11-2010 "Optimalisation of CPR" Symposium Physician assistants Invest, Amsterdam, NL
- 2&5-02-2010 "Prophylaxis of line sepsis" Amsterdam Symposium for ICU nurses, NL
- 05-11-2008 "Cristalloids or colloids in sepsis?" 8. Intensive Care Mini Symposium Slotervaart Hospital Amsterdam, NL: "Filling – overfilling"
- 29-05-2008 "Fluids in plasma exchange: Cristalloids or colloids?" Yearly congres Dutch society of blood transfusion, Ede, NL
- 16-04-2007 "Complications after SAB" 5. Intensive Care Mini Symposium Slotervaart Hospital Amsterdam, NL: "Neurological complications on the ICU"
- 09-11-2006 "The role of immunonutrition, glutamine, vitamins en trace elements" 4. Intensive Care Mini Symposium Slotervaart Hospital Amsterdam, NL: "Nutrition"
- 16-11-2005 "Sepsis: epidemiology, pathogenesis and treatment" 2. Intensive Care Mini Symposium Slotervaart Hospital Amsterdam, NL: "Sepsis"

Military service

- 1983-1984 Paramedical soldier, Marburg / Germany

Reviewer

- Netherlands Journal of Medicine
- Intensive Care Medicine

Hobby's

- Race cycling, hiking, skiing
- Pop, Jazz, Classical music; concert, opera and ballet visits

Languages

- German (native)
- Dutch, English, Spanish fluently at a professional level
- French fluently
- Acquaintance with the Italian language

References: on request

Publications

Assink-de Jong E, van Oers JA, Beishuizen A et al. Efficacy and safety of procalcitonin guidance in reducing the duration of antibiotic treatment in critically ill patients, *Lancet Infectious Diseases* 2016, Published Online February 29, 2016 [http://dx.doi.org/10.1016/S1473-3099\(16\)00053-0](http://dx.doi.org/10.1016/S1473-3099(16)00053-0)

Kluge GH, Mulder JW, Brandjes DPM. Training in acute medicine in a peripheral teaching hospital in the Netherlands, *Netherlands Journal of Medicine* 2016;74(2):98-100

Sakr Y, Ferrer R, Reinhart K, Beale R, Rhodes A, Moreno R, Timsit JF, Brochard L, Thompson T, Rezende E, Chiche JD; on behalf of the IC-GLOSSARI investigators and the trials group of the European Society of Intensive Care (ESICM). The Intensive Care Global Study on Severe Acute Respiratory Infection (IC-GLOSSARI): A multicenter, international, 14-day inception cohort study, *Intensive Care Med* 2016 Feb 15 [Epub ahead of print]

Sakr Y, Alhussami I, Nanchal R, Wunderink RG, Pellis T, Wittebole X, Martin-Loeches I, François B, Leone M, Vincent JL, Intensive Care Over Nations Investigators. Being Overweight Is Associated With Greater Survival in ICU Patients: Results From the Intensive Care Over Nations Audit. *Crit Care Med* 2015, 43(12):2623-2632

Kluge GH, Vogelaar J, Boon ES. Response to Girbes et al.: Investigating associations between ICU level and quality of care in the Netherlands: reporting only SMRs is not the whole story. *Intensive Care Med* 2015 Aug;41(8):1511-2. doi: 10.1007/s00134-015-3939-2. Epub 2015 Jun 24.

Kluge GH, Brinkman S, van Berkel G, van der Hoeven J, Jacobs C, Snel Y, Vogelaar J, de Keizer NF, Boon ES. ICU level of care and outcome in the Netherlands. A cohort study of 115.909 patients. *Intensive Care Med* 2015 Feb;41(2):304-11. doi: 10.1007/s00134-014-3620-1. Epub 2015 Jan 20.

Oostdijk EA, de Smet AM, Bonten MJ; Dutch SOD-SDD trialists group. Effects of decontamination of the digestive tract and oropharynx in intensive care unit patients on 1-year survival. *Am J Respir Crit Care Med*. 2013 Jul 1;188(1):117-20

Oostdijk EA, de Wit GA, Bakker M, de Smet AM, Bonten MJ; Dutch SOD-SDD trialists group. Selective decontamination of the digestive tract and selective oropharyngeal decontamination in intensive care unit patients: a cost-effectiveness analysis. *BMJ Open*. 2013 Mar 5;3(3).

Oostdijk EA, de Smet AM, Kesecioglu J, Bonten MJ; Dutch SOD-SDD Trialists Group. Decontamination of cephalosporin-resistant Enterobacteriaceae during selective digestive tract decontamination in intensive care units. *J Antimicrob Chemother*. 2012 Sep;67(9):2250-3.

Kluge GH, Brewster E, Kuipers S. Waardig sterven, godsdienstvrijheid en het recht van de oudste zoon. *Medisch Contact* 2012;67(13):748-9

Melsen WG, de Smet AM, Dennesen PJ, **Kluge GH**, te Velde LF, van Iterson M, van der Werf TS, van der Meer NJ, Bindels AJ, Bosch FH, de Vries JW, Harinck HI, Joore JC, Kalkman CJ, Wesselink RM, Pickkers P, Kluytmans JA, Bonten MJ; Dutch SOD-SDD Trialists' Group. Selective decontamination of the oral and digestive tract in surgical versus non-surgical patients in intensive care in a cluster-randomized trial. *Br J Surg*. 2012 Feb;99(2):232-7.

Oostdijk EA, de Smet AM, Kesecioglu J, Bonten MJ; Dutch SOD-SDD Trialists Group. The role of intestinal colonization with gram-negative bacteria as a source for intensive care unit-acquired bacteremia. *Crit Care Med*. 2011 May;39(5):961-6.

Kluge GH, Barnas MGW, Beute J, Boon ES, Cimic N, van Braam Houckgeest F, Demmendaal KL, de Jong RM, Hart H, Pieters RC, Winsser LJA, Soesan M. Letter: Nieuwsbrieven dd 22-03, 29-04 en 18-05-2010 (NJCC 2010;14:222-5) en 04-06-2010. *Neth J Crit Care* 2010;14:347-8.

Jongerden IP, de Smet AM, Kluytmans JA, te Velde LF, Dennesen PJ, Wesselink RM, Bouw MP, Spanjersberg R, Bogaers-Hofman D, van der Meer NJ, de Vries JW, Kaasjager K, van Iterson M, **Kluge GH**, van der Werf TS, Harinck HI, Bindels AJ, Pickkers P, Bonten MJ. Physicians' and nurses' opinions on selective decontamination of the digestive tract and selective oropharyngeal decontamination: a survey. *Crit Care* 2010;14(4):R132.

Kluge GH, Barnas MGW, Beute J, Boon ES, Bonta PI, van Braam Houckgeest F, Demmendaal KL, Hoeksema M, de Jong RM, Pieters RC, Reidinga AC, de Rijk SHE, Winsser LJA, Soesan M. Ingezonden brief in reactie op "Zij aan zij". *Medisch Contact* 2009; 64(20):906

Kluge GH, Barnas MGW, van Braam-Houckgeest F, Demmendaal KL, Hoeksema M, de Jong RM, Pieters RC, Winsser LJA, Soesan M. Groter is niet beter. *Medisch Contact* 2009; 64 (3):114-8

de Smet AM, Kluytmans JA, Cooper BS, Mascini EM, Benus RF, van der Werf TS, van der Hoeven JG, Pickkers P, Bogaers-Hofman D, van der Meer NJ, Bernardis AT, Kuijper EJ, Joore JC, Leverstein-van Hall MA, Bindels AJ, Jansz AR, Wesselink RM, de Jongh BM, Dennesen PJ, van Asselt GJ, te Velde LF, Frenay IH, Kaasjager K, Bosch FH, van Iterson M, Thijssen SF, **Kluge GH**, Pauw W, de Vries JW, Kaan JA, Arends JP, Aarts LP, Sturm PD, Harinck HI, Voss A, Uijtendaal EV, Blok HE, Thieme Groen ES, Pouw ME, Kalkman CJ, Bonten MJ. Decontamination of the digestive tract and oropharynx in ICU patients. *N Engl J Med*. 2009;360(1):20-31.

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