

Curriculum Vitae

PERSONAL DATA

surname: Kools
first name: Djaya Kurniawan Seputra Maria
date of birth: June 5th 1976
place of birth: Jakarta (Indonesia)
citizenship: Dutch
marital status: unmarried
children: 2 sons named Quentin and Justin



EDUCATION

Good clinical practice training

- December 18th 2016

Safe sedation training for moderate sedation

- Januari 17th 2016
- American society of anaesthesiologists

Part I of the European examination in neurosurgery

- September 25th 2010
- The European Association of Neurosurgical Societies (EANS)

Postgraduate certificate of radioprotection for the use of X-rays for medical imaging

- September 14th 2010
- Universiteit Gent (University of Ghent), Belgium

Certificate of acute medicine

- April 2nd 2009
- Universiteit Gent (University of Ghent), Belgium

Board certified as Neurosurgeon

- October 10th 2008
- Universitaire Instelling Antwerpen (University of Antwerp), Belgium

Postgraduate certificate of electrocardiography

- October 17th 2002
- Universitaire Instelling Antwerpen (University of Antwerp), Belgium
- "magna cum laude"

Doctor of medicine

- June 21st 2002
- Universitaire Instelling Antwerpen (University of Antwerp), Belgium
- "magna cum laude"

Bachelor of medicine

- July 9th 1998
- RijksUniversitair Centrum Antwerpen (University of Antwerp), Belgium
- "magna cum laude"

Secondary school

- June 15th 1994
- Gertrudislyceum Roosendaal, The Netherlands
- "cum laude"

PROFESSIONAL EXPERIENCE

Consultant neurosurgeon

- November 2011 until present
- Onze Lieve Vrouw Hospital, Moorselbaan 164, 9300 Aalst, Belgium

Consultant neurosurgeon

- October 2008 until October 2011
- General Hospital Sint-Maarten Duffel/Mechelen, Belgium

Residencies

- October 2007 until September 2008: University Hospital Antwerp (Antwerp, Belgium)
department of neurosurgery
supervisor: prof. dr. A. Maas
- October 2006 until September 2007: Sint Elisabeth Hospital (Tilburg, The Netherlands)
department of neurosurgery
supervisor: prof. dr. J. van Overbeeke
- October 2005 until September 2006: University Hospital Antwerp (Antwerp, Belgium)
department of neurosurgery
supervisors: prof. dr. J. Verlooy and prof. dr. D. De Ridder
- October 2004 until September 2005: General Hospital Sint-Maarten (Duffel, Belgium)
department of neurosurgery
supervisor: dr. V. Debois
- October 2003 until September 2004: General Hospital Jan Palfijn (Merksem, Belgium)
department of surgery
supervisor: dr. J. Verschave
- October 2002 until September 2003: General Hospital Sint-Maarten (Mechelen, Belgium)
department of neurology
supervisor: dr. L. Hens

PUBLICATIONS

Referred leg pain originating from the sacroiliac joint: 6-month outcomes from the prospective randomized controlled iMIA trial.

Dengler J, Sturesson B, Kools D, Prestamburgo D, Cher D, Van Eeckhoven E, Erk E, Pflugmacher R, Vajkoczy P
Acta Neurochir (Wien). 2016 Nov; 158(11): 2219-2224

Six month outcomes from a randomized controlled trial of minimally invasive SI joint fusion with triangular titanium implants vs. conservative management.

Sturesson B, Kools D, Pflugmacher R, Gasbarrini A, Prestamburgo D, Dengler J
Eur Spine J. 2016 May 14

Epileptic seizure due to neuroglial cyst.

Eyselbergs M, Vanhoenacker FM, De Cuyper K, Kools D
JBR-BTR. 2012 May-Jun 95(3): 142-143

Hyperostotic meningioma mimicking skull osteoma.

Eyselbergs M, Vanhoenacker FM, Kools D
JBR-BTR. 2011 Jul-Aug 94(4): 222

Unusual lesion of the clivus: diagnosis and discussion.

Vanhoenacker F, De Praeter G, Kools D, Voormolen M, Parizel P
Skeletal Radiol. 2011 Feb 40(2): 243-244, 223-224

A small modification to a decompressive craniotomy to improve the brain-cranium interface: technical note.

Kools D, Menovsky T, Ost J, De Ridder D
Minim Invasive Neurosurg. 2009 Feb 52(1): 59-60

COURSES, CONGRESSES OR SYMPOSIA WITH OWN ACTIVE INPUT

- 9th Interdisciplinary World Congress on Low Back and Pelvic Girdle Pain: iMIA: a randomized controlled trial of minimally invasive SI joint fusion vs. conservative management (2016 - Singapore, Singapore)
- 2nd International Conference on Sacroiliac Joint Surgery: My experience with iFuse (2016 - Hamburg, Germany)
- Israel spine congress: How to recognize sacroiliac joint pain in the chronic nonspecific low back pain population. 6 months outcome data of an RCT comparing minimally invasive sacroiliac joint surgery versus non-surgical treatment (2016 - Eilat, Israel)
- De rol van het sacro-iliacaal gewricht bij chronische rugpijn (2015 - Aalst, Belgium)
- Symposium on the sacroiliac joint (2015 - Muelheim an der Ruhr, Germany)
- Wintersymposium neurochirurgie (2014 - Affligem, Belgium)

VISITED COURSES, CONGRESSES OR SYMPOSIA

- 9th Interdisciplinary World Congress on Low Back and Pelvic Girdle Pain (2016 - Singapore, Singapore)
- 2nd International Conference on Sacroiliac Joint Surgery (2016 - Hamburg, Germany)
- AOSpine Davos courses (2015 - Davos, Switzerland)
- 22nd Brussels international spine symposium: new technologies in medical and surgical spine treatments (2015 - Brussels, Belgium)
- Intraoperative neurophysiology in neurosurgery: the essentials (2015 - Verona, Italy)
- World institute of pain: hands-on ultrasound workshop (2015 - Maastricht, The Netherlands)
- World institute of pain 6th international evidence-based interventional pain medicine symposium (2015 - Maastricht, The Netherlands)
- 19th International argospine symposium: spinal surgery, societal impact and added value (2015 - Parijs, France)
- 21st Brussels international spine symposium: The aging spine (2014 - Brussels, Belgium)
- Facial nerve issues in the skull base (2014 - Wilrijk, Belgium)
- 7th World congress of the world institute of pain (2014 - Miami, United States America)
- 20th Brussels international spine symposium: BISS 20 years, what have we learned? (2013 - Brussels, Belgium)
- Sagittal balance master course (2013 - Geneva, Switzerland)
- Symposium on the sacroiliac joint (2013 - Muelheim an der Ruhr, Germany)
- Advanced surgical techniques: osteotomy (2013 - Barcelona, Spain)
- Microscopic and endoscopic approaches to the skull base (2013 - Strasbourg, France)
- AOSpine advanced course: degenerative lumbar spine, deformities and tumours (2012 - Davos, Switzerland)
- Advanced neuromonitoring training in cranial, spinal and cardiovascular neuromonitoring based on Medtronic NIM Eclipse NP (2012 - Tolocheaz, Switzerland)
- 19th Brussels international spine symposium: complications in spine surgery (2012 - Brussels, Belgium)
- Symposium update in neurosurgical treatments (2012 - Oisterwijk, The Netherlands)
- AOSpine advanced course: anterior spine surgery and approaches (2012 - Innsbruck, Austria)
- Advanced surgeon training in spinal neuromonitoring with Medtronic NIM Eclipse SD (2012 - Tolocheaz, Switzerland)
- Dubai Spine Masters: complex spine reconstructions and deformity management strategies (2012 - Dubai, United Arab Emirates)
- 3rd Biannual international pain congress (2012 - Middelburg, The Netherlands)
- 6th World congress of the world institute of pain (2012 - Miami, United States America)
- Interventional pain techniques review course with cadaver workshop (2012 - Miami, United States America)
- 16th international Argospine symposium: disorders of the junctional regions of the spine (2012 - Paris, France)
- Big time spine symposium: modern approaches to the spine (2011 - Barcelona, Spain)
- 18th Brussels international spine symposium: minimally invasive spine surgery – revolution, gimmick or business as usual? (2011 - Brussels, Belgium)
- Eurospine 2011 annual meeting (2011 - Milan, Italy)
- Pre-congress course Eurospine 2011: complications in spinal surgery (2011 - Milan, Italy)
- Round table conference FANC: the medical specialist and the use of high dose X-rays (2011 - Brussels, Belgium)
- AOSpine masters convention: trauma and infections of the spine (2011 - Istanbul, Turkey)

- Dubai spine masters: spinal trauma (2011 - Dubai, United Arab Emirates)
- 15th international Argospine symposium: Evidence based spine surgery: myth or reality? (2011 - Paris, France)
- AOSpine advanced course: the degenerative cervical spine and spinal trauma (2010 - Davos, Switzerland)
- 17th Brussels international spine symposium: Is lumbar fusion still the gold standard? Was it ever? (2010 - Brussels, Belgium)
- TranS1 AxialLIF surgical procedure (2010 - Zwolle, The Netherlands)
- EANS European training course in neurosurgery on tumour (2010 - Halkidiki, Greece)
- Multidisciplinary management of vestibular schwannoma (2010 - Wilrijk, Belgium)
- Dubai spine masters: interventional and pain management techniques (2010 - Dubai, United Arab Emirates)
- Dubai spine masters: minimally invasive surgical strategies (2010 - Dubai, United Arab Emirates)
- Codman hydrocephalus symposium (2010 - Neuchatel, Switzerland)
- Synthes spine executive class: controversies on minimally invasive lumbar spine instrumentation (2010 - Zermatt, Switzerland)
- Cervical spine research society - European section: VIth hands on cadaver course (2010 - Barcelona, Spain)
- Symposium cranial decompressive surgery (2009 - Antwerp, Belgium)
- Zimmer anterior lumbar spine interventions (2009 - Vienna, Austria)
- AOSpine advanced course: cervical degeneration, lumbar degeneration, trauma, tumours and infection (2009 - Kuala Lumpur, Malaysia)
- EANS spine course: cervical spine (2009 - Barcelona, Spain)
- Synthes cadaver workshop: minimally invasive surgery techniques for fusion treatment of the lumbar spine (2009 - Basel, Switzerland)
- EANS European training course in neurosurgery on vascular neurosurgery (2009 - Opatija, Croatia)
- Synthes Prodisc oblique modular disc (2009 - Brussels, Belgium)
- Synthes vertebral body stenting (2009 - Brussels, Belgium)
- Zimmer tracecular metal TLIF surgical skills course (2009 - Paris, France)
- Depuy minimally invasive surgery instructional course (2009 - Barcelona, Spain)
- Scientific and practical course on spinal cord stimulation, advanced workshop (2009 - Leiden, The Netherlands)
- From anatomy through diagnostic and therapeutic imaging to best practice in advanced neuromodulation therapies: a hands-on cadaver workshop for the experienced user (2009 - Brussels, Belgium)
- Cadaver workshop for implantation of the PCM artificial cervical disc (2009 - Leiden, The Netherlands)
- Balloon kyphoplasty surgeon training program (2008 - Leiden, The Netherlands)
- Scientific and practical course on spinal cord stimulation, fundamental workshop (2008 - Leiden, The Netherlands)
- EANS spine course: thoracolumbar spine (2008 - Opatija, Croatia)
- Skull base course (2008 - Rotterdam, The Netherlands)
- 15th International meeting on advanced spine techniques (2008 - Hong Kong, Hong Kong)
- EANS European training course in neurosurgery on spine and peripheral nerves (2008 - Trondheim, Norway)
- Basic drilling technique instructions in electrical instrumentation of Medtronic powered surgical solutions (2008 - Trondheim, Norway)
- Euroneuro (2008 - Maastricht, The Netherlands)
- EANS European training course in neurosurgery on epilepsy, pain, neuromodulation and head injury (2007 - Antalya, Turkey)
- Spineweek (2004 - Porto, Portugal)

MEMBERSHIPS

- European Association of Neurosurgical Societies (EANS)
- AOSpine
- Geneeskundige kring van Aalst
- Sacroiliac Medical Expert Group (SIMEG international)

CLINICAL TRIALS

SI BONE - iMIA - iFuse Implant System® Minimally Invasive Arthrodesis - Protocol Number: 300134
Function: Co-Investigator
startdate: 29-07-2014
Sponsor: SI-BONE, Inc

EVOLVE - Expandable Pedicle Screws versus Fenestrated Pedicle Screws Augmented with polymethylmethacrylate (PMMA): Complications and Clinical Outcomes in Patients with Osteoporosis or Poor Bone Quality
Function: Co- Investigator
startdate: 22-10-2012
Sponsor: Alphatec Spine, Inc

BARRICAID - A Prospective, Randomised, Multicenter Study to Demonstrate the Superiority of the Barricaid® to Discectomy for Primary Lumbar Disc Herniation - Protocol Number: EUBARD-CP-001
Function: Co- Investigator
startdate: 30-03-2011
Sponsor: Intrinsic Therapeutics, Inc