

# Dr méd. Jeremy Brodard

Specialist in Neurosurgery, FMH member

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## Profile

### Languages

French, English and German

### Work experience

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| since 2017 | Independent Neurosurgeon  |
| 2016–2017  | Head of Clinic FMH specialist, in Department of Neurosurgery, Sion Hospital, under the supervision of Dr. M. Morand   |
| 2015–2016  | Senior physician, FMH specialist and co-head of the Spinal Surgery Unit, Department of Neurosurgery, Klinikum rechts der Isaar der TU in Munich, Germany, under the supervision of Professor B. Meyer |
| 2014       | Assistant physician at the Spine Center (Wirbelsäulenzentrum) of Schulthess Clinic, Zurich, under the supervision of Dr. F. Porchet   |
| 2013       | Fellowship in the Department of Neurosurgery at Klinikum rechts der Isaar der TU, Munich, under the supervision of Professor B. Meyer (Fellowship sponsored by EANS)                                  |
| 2009–2013  | Assistant physician, Department of Neurosurgery, Geneva University Hospitals (HUG), under the supervision of Professor K. Schaller  |
| 2008–2009  | Assistant physician, Department of Neurosurgery, Vaud University Hospital (CHUV), under the supervision of Professor M. Levivier  |

- 2004–2008
- 2-month internship in the Department of Neurosurgery at Royal Melbourne Hospital, under the supervision of Professor A. Kaye
  - Diverse internships in Department of Internal Medicine and Ambulatory
  - 1-month internship, Department of Neurology, Geneva University Hospitals, under the supervision of Professor T. Landis
  - 2-month internship, Department of Neurosurgery, Geneva University Hospitals, under the supervision of Professor K. Schaller
  - 2-month internship, Pediatrics Department, San Juan de Deu Hospital, Barcelona, Spain, under the supervision of Professor R. Jimenez
  - Internships in clinics (4th year, HUG, Geneva): Internal medicine, Obstetrics/Gynecology, Community Medicine, Psychiatry, ENT, Dermatology, Neurology, Plastic surgery and Orthopedics
  - Instructor in practical Neuro-anatomy (3 months per year)
  - Surveillance in pre-surgical epilepsy evaluation unit, Cantonal Hospital of Geneva, 6 hours per week
  - Telephone operator at Medical Emergency Center, Geneva, 4 hours per week
  - One-month internship, Department of General Surgery, Cipto Mangunkusumo Hospital, Jakarta, Indonesia, under the supervision of Dr. Sonar Soni P.

### Education

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|-----------|--|
| 2016      | German Specialist diploma in Neurosurgery, Munich, Germany   |
| 2015      | Post-graduate Specialist Diploma in Neurosurgery FMH, Bern, Switzerland  |
| 2014      | Oral examination, FMH specialist in Neurosurgery, Basel, Switzerland   |
| 2013      | Course in Radioprotection, Advanced diploma in radioprotection, Lausanne, Switzerland  |
| 2013      | Written examination, Diploma of Neurosurgery EANS, part I, Prague, Czech Republic  |
| 2013      | Diploma, Basic Examination of General Surgery, Geneva, Switzerland   |
| 2012      | PhD thesis in medicine, Thesis directors: Dr. Benedict Rilliet and Professor K. Schaller: "Cavernoma of the third ventricle: study of a pediatric case and literature review", Geneva, Switzerland |
| 2001–2008 | Federal Diploma of Medicine, Faculty of Medicine, University of Geneva, Switzerland  |

### Memberships

- FMH member (2017)
- EuroSpine member (2016)
- Member of the Swiss Society of Neurosurgery (2015)
- Member of EANS (2012)
- Member of ASMAC (2010)

### Publications

- Villard J, Brodard J, Jägersberg M, Schaller K, Tessitore E: Clinical and radiological results of PMMA augmented pedicle screws in patient with osteopenic bone, *Central Neurosurgery*, A3, 73:A16, May 2012
- Brodard J, Jägersberg M, Schaller K, Kucharczyk W, Qiu J, Radovanovic I: Quantitative assessment of operative fields of posterior approaches to pineal region: median Infratentorial supracerebellar versus occipital transtentorial, *Swiss Archives of Neurology and Psychiatry, Supplementum* 6, 2013;164
- Brodard J, Radovanovic I, Cabrilo I, Schaller K: Jugular foramen meningioma with transverse and sigmoid sinuses invasion and jugular vein extension. EANS case of the month, June 2012.
- Brodard J: Cavernome du troisième ventricule: étude d'un cas pédiatrique et revue de la littérature, Thesis supervisors: Rilliet B, Schaller K. Doctoral thesis: Univ. Geneva, 2012 - Méd. 10663 - 2012/02/08
- Brodard J, Radovanovic I, Cabrilo I, Schaller K: Jugular foramen meningioma with transverse and sigmoid sinuses invasion and jugular vein extension, *Case Report, J Neurol Surg A Cent Eur Neurosurg* 2015; 76 - P057
- Jägersberg M, Brodard J, Qiu J, Mansouri A, Doglietto F, Gentili F, Kucharczyk W, Fasel J, Schaller K, Radovanovic I : Quantification of working volumes, exposure, and target-specific maneuverability of the pterional craniotomy and its minimally invasive variants, *World Neurosurg.* 2017 May;101:710-717.e2.
- Ringel F, Ryang YM, Kirschke JS, Müller BS, Wilkens JJ, Brodard J, Combs SE, Meyer B : Radiolucent carbon-fiber reinforced pedicle screws for the treatment of spinal tumors: Advantages for radiation planning and follow-up imaging, *World Neurosurg.* 2017 May 3. pii: S1878-8750(17)30597-1

## Research

Since 2015: Participation in a prospective study with Dr. F. Ringel, Dr. E. Shiban, Dr. I. Janssen and Prof. B. Meyer (Klinikum rechts der Isar, Munich, Universitätsmedizin Johannes Gutenberg, Mainz, Germany): «Chronic and late infection in spinal surgery» ☒

Since 2011: Participation in a prospective study with Dr. E. Tessitore (HUG): « Magnetic Resonance Imaging with Diffusion Tensor (DTI) and somatosensory (SEP) and motor evoked potentials in patients operated for cervical spondylotic myelopathy: how to identify the best responders to surgical treatment » ☒

2010-2015: Creation of a neuroanatomy laboratory under the supervision of Dr. Ivan Radovanovic: "Study of the different microsurgical approaches to the base of the skull with quantification of surgical maneuverability"

## Handouts Presentations

## Work experience

- February 2008: Cervical spine congress, Munich, 14-15 February 2008
- December 2010: 5. Jahrestagung der Deutschen Wirbelsäulengesellschaft, Brême, 16-18 December 2010
- July 2011: Cervical spine course, Geneva, 14-15 July 2011
- December 2011: Dorsal instrumentation techniques of the spine – Workshop in Humanpräparat, Essen, 02-03 December 2011
- June 2012: SFCNS Congress, Swiss Federation of Clinical Neuro-Societies, Lugano, 07-08.06.2012, Poster presentation: « Clinical and radiological results of PMMA augmented pedicle screws in patient with osteopenic bone »
- February 2013: 5th INWC, Chamonix, 11.02.2013, Oral presentation: « Quantitative Assessment of Operative Fields of Minimal Invasive Approaches to the Anterior Fossa »
- February 2013: Neuroscience meeting, Geneva, 27.02.2013, Oral presentation: « Quantitative Assessment of Operative Fields of Minimal Invasive Approaches to the Anterior Fossa and Pineal Region »
- June 2013: SFCNS Congress, Swiss Federation of Clinical Neuro-Societies, Montreux, 05-07.06.2013, Poster presentation: « Quantitative Comparison of Posterior Approaches to Pineal Gland: Infratentorial Supracerebellar Versus Occipital Transtentorial »
- Sept.-Oct 2013: ISPN, 41. Annual Meeting, International Society for Pediatric Neurosurgery, Mainz, 29.09-03.10.2013, Presentation of an E-poster: « Cavernoma of the third ventricle: study of a pediatric case and literature review »
- October 2013  
- 21. Annual meeting of the Society for Skull Base surgery e.V. (GSB), Tübingen, 11-12.10.2013, Poster presentation: « Quantitative Assessment of Operative Fields of Minimal Invasive Approaches to the Anterior Fossa »  
- 2nd prize for the best Poster
- June 2014: SFCNS Congress, Swiss Federation of Clinical Neuro-Societies, Zürich, 12-13.06.2014
- September 2015: SFCNS Congress, Swiss Federation of Clinical Neuro-Societies, Lucerne, 10-11.09.2015, Poster presentation: « Jugular foramen meningioma with transverse and sigmoid sinuses invasion and jugular vein extension »
- May 2016: Masterclass (sponsored by Zimmer-Biomet): « Timberline Lateral Fusion System », Winterthur, 26-27 May 2016
- July 2016: Summer University (sponsored by Medtronic), Munich, 06-08 July 2016
- July 2016: OLIF Technique Training (sponsored by Medtronic), Manchester, 22 July 2016
- September 2016: Course on lumbar fixation by cortical trajectory (sponsored by Spineart), Bordeaux, 30 September 2016
- June 2017: Course on osteotomies and sacroiliac fixations (sponsored by DePuy Synthes/Johnson & Johnson), Zuchwil, 07 June 2017
- June 2017: SSNS, Annual Meeting, Swiss Society of Neurosurgery, Bern, 08-09.06.2017

## Accreditation

[Clinique de Genolier](#)

[Clinique Générale Ste-Anne](#)

## Specialties

[Neurosurgery](#)

## Contact

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