

DR. STEFAN MOTOV

Education

Medical Studies

10/2007 – 09/2008

Friedrich-Alexander University Erlangen-Nuremberg, Germany

10/2008 – 03/2010

Ludwig Maximilian University of Munich, Germany

March 2010

First State Examination (M1)

04/2010 – 04/2014

Technical University of Munich, Germany

04/2013 – 01/2014

Practical Year (Clinical Rotations)

- University Hospital rechts der Isar, Munich
- National Hospital for Neurology and Neurosurgery (NHNN), Queen Square, London, UK

April 2014

Second State Examination (M2)

Professional Experience

08/2014 – 09/2020

Resident in Neurosurgery

University Hospital rechts der Isar, Technical University of Munich

10/2020 – 02/2021

Resident in Neurosurgery

University Hospital Augsburg

February 2021

German Board Certification in Neurosurgery

02/2021 – 09/2021

Consultant Neurosurgeon

University Hospital Augsburg

Head of the Robotics and Neuronavigation Research Group

May 2021

Passed the European Association of Neurosurgical Societies (EANS) Board Examination – Part I

Since October 2022

Senior Consultant Neurosurgeon

Spine Center Eastern Switzerland (OSWZ)

Cantonal Hospital St. Gallen

Specialization in Spine Surgery and Neuromodulation/Pain Therapy

Since August 2023

German Spine Society (DWG) Basic Spine Certificate

Since November 2023

EANS Advanced Spine Diploma

Since January 2025

Senior Consultant Neurosurgeon

HOCH Health Eastern Switzerland

Since November 2025

FMH Switzerland Interdisciplinary Advanced Qualification in Spine Surgery

Since June 2026

ESUBE Diploma (European Society of Unilateral Biportal Endoscopy)

Doctoral Thesis (MD)

Quantitative Measurement of Longitudinal T1 Relaxation Time Using Magnetic Resonance Imaging for the Characterization of Malignant Brain Tumors

Doctoral degree awarded in January 2021.

Professional Memberships

- German Spine Society (DWG)
- DWG Young Forum
- European Association of Neurosurgical Societies (EANS)
- Member, EANS Emerging Technologies Task Force
- Former Member, EANS Young Neurosurgeons Committee
- Former Member, EANS Individual Membership Committee
- AO Spine
- Swiss Society of Spinal Surgery (SGS)

Publications

Research Metrics

Peer-reviewed publications: >40

First/last-author publications: 10 original articles, multiple reviews, and invited articles

International multicenter collaborations through EANS and AO Spine

Research focus:

- Minimally invasive spine surgery
- Endoscopic spine surgery
- Robotics and surgical navigation
- Neuromodulation
- Spinal infections
- Artificial intelligence in neurosurgery
- Surgical education

Industry Consultancy

Consultant for:

- Boston Scientific
- Brainlab
- Nexon Medica
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Languages

Language	Proficiency
German	Native
Bulgarian	Native
English	Full Professional Proficiency
French	Basic Knowledge
Russian	Basic Knowledge