



Prof. Dr. med. Volker Arnd Coenen

Medical Director

CV:

Department of Stereotactic and Functional Neurosurgery  
Neurocenter, Medical Center – University of Freiburg

**Education/Work Experience:**

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| 1991          | A-levels  |
| 1991 -1992    | Civil service   |
| 1992 - 1998   | Human Medicine studies. RWTH Aachen University  |
| 1998          | Medical practice license  |
| 1999 - 2000   | Medical intern, Department of Neurosurgery, University Hospital Aachen (Prof. Dr. med. J.M. Gilsbach)   |
| 2000          | Medical intern, Department of Anesthesiology, University Hospital Aachen, 6 month rotation, Intensive Care Unit (Prof. Dr. med. R. Rossaint)  |
| 2000 – 2005   | Assistant physician, Neurosurgery Department, University Hospital Aachen  |
| 2002          | Expert training for Emergency Medical Services (EMS)  |
| 4 -2005       | Specialist for Neurosurgery   |
| 9 -2005       | Senior physician  |
| 2005 - 2008   | Head of Functional Stereotaxis, Department of Neurosurgery, Aachen  |
| 2007 - 2008   | Fellowship "Functional and stereotactic neurosurgery" Surgical Center for Movement Disorders, University of British Columbia, Vancouver, BC, Canada (Christopher R. Honey, M.D., D.phil.) |
| 2008 - 9/2012 | Medical Director (W2-Professur) of the Clinic and Polyclinic for Stereotaxis und MR-based surgical procedures, Department of Neurosurgery, University Hospital Bonn                       |

10 - 12/2012 Medical Director (W2-Professur) of the Division for Stereotactic and Functional Neurosurgery / Clinic and Policlinic for Neurosurgery, Bonn

1/2013-present Medical Director (W3-Professur) of the Department of Stereotactic and Functional Neurosurgery, Neurocenter, Medical center- University of Freiburg

#### Promotion/Habilitation

5-2000 Doctoral dissertation: "Morphologie und Morphometrie des Temporallappens und des Unterhorns des Seitenventrikels bei Schizophrenie – in-vivo Kernspinstudie" Institut für Anatomie I der RWTH Aachen, Prof. Dr. med. D. Graf v. Keyserlingk

7-2005 Habilitation dissertation: "Projektion individueller Faserbahnen in den neurochirurgischen Operationssitus" Neurochirurgische Klinik, Medizinische Fakultät der RWTH AACHEN, Univ. Prof. Dr. med. J.M. Gilsbach

#### Work abroad:

1995 Department of Neurology, Royal Devon and Exeter Hospital, Exeter, Great Britain (Dr. Chr. Gardner-Thorpe)

1996 Department of Neurosurgery, Derriford Hospital, Plymouth, Great Britain (Mr. K. El-Shunnar)

1997 Department of Neurosurgery, University of Virginia Health Sciences Center, Virginia, USA (Prof. Dr. J.A. Jane sr.)

1998 Department of Neurosurgery, University of Virginia Health Sciences Center, Virginia, USA (Prof. Dr. J.A. Jane sr.)

2007 – 2008 Fellowship "functional and stereotactic neurosurgery" Surgical Center for Movement Disorders, University of British Columbia, Vancouver, BC, Canada (Christopher R. Honey, M.D., d.phil.)

#### Grants/prizes:

5-2013 Long Term Effects of Deep Brain Stimulation of the Medial Forebrain Bundle (sIMFB DBS) for treatment resistant depression "Best oral presentation" WSSFN 16th quadrenial meeting Tokio, Japan

9-2012 Deep Brain stimulation of the medial forebrain bundle for the treatment of depression: Results from the FORESEE trial. "Best oral presentation" 20th bi-annual meeting of the European society for stereotactic and functional neurosurgery (ESSFN), Lissabon, Portugal

- 9-2010      The medial forebrain bundle and its role in the circuitry of depression. "Best oral presentation" 19th bi-annual meeting of the European society for stereotactic and functional neurosurgery (ESSFN), Athen, Griechenland
- 2007 - 2008    10,000 € grant from the Wilhelm Tönnis Foundation – German Society of Neurosurgery
- 2001          Received the "Kurt Decker Preis" from the German Society of Neuroradiology: Timo Krings, Volker A. Coenen, Hubertus Axer et al: Three-dimensional visualization of motor cortex and pyramidal tracts employing functional and diffusion weighted MRI. Methods, applications and limitations.
- 1993 -1998    Scholarship recipient – German National Academic Foundation, Bonn

#### Memberships:

- German Society of Neurosurgery
- European Association of Neurosurgical Societies (EANS)
- The Movement Disorders Society
- German Society for Computer and Robot Aided Surgery
- European Society for Stereotactic and Functional Neurosurgery (ESSFN)
- World Society for Functional and Stereotactic Neurosurgery (WSFSN)
- Arbeitsgemeinschaft Tiefe Hirnstimulation, Kiel (Gründungsmitglied)
- Permanent reviewer for the following journals:
- Neurosurgery (USA)
- Clinical Neurology and Neurosurgery
- Acta Neurochirurgica (Wien)
- Central European Neurosurgery
- Journal of Neurology Neurosurgery and Psychiatry (London, GB)
- International Journal of Medical Robotics and Computer Assisted Surgery (GB)
- Epilepsia
- Neuroimage