

CURRICULUM VITAE

Andreas Unterberg, M.D., Ph.D.

Professor of Neurosurgery

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Education:

- 74 - 77 School of Medicine,
Justus-Liebig-University Gießen, Germany
- 77 - 81 School of Medicine
Ludwig-Maximilians-University Munich, Germany
- 07/91 Board certification (Neurosurgery), Berlin, Germany

Academic Degrees:

- 10/82 M.D. thesis:
„The kallikrein-kinin-system as mediator of
brain edema“, Summa cum laude, LMU-Munich
- 02/88 Ph.D. thesis:
„Alterations of blood-brain-barrier function and
cerebrovascular tone by mediators of secondary
brain damage“
LMU-Munich, Germany
- 12/91 Professor of Neurosurgery,
Free University of Berlin, Germany
- 04/03 Chairman and Professor of Neurosurgery
University of Heidelberg; Germany

Postdoctoral Training:

- 81 - 82 Research fellow
(Deutsche Forschungsgemeinschaft, DFG)
Institute for Surgical Research, LMU-Munich, Germany

82 - 85 Research fellow
Institute for Surgical Research,
Klinikum Großhadern, LMU-Munich, Germany
(Director: Prof. Dr. Dr. h.c. W. Brendel)

85 - 86 Research fellow
Deutsche Forschungsgemeinschaft
Division of Neurological Surgery,
Med. Coll. Virginia, Richmond, Va., USA
(Directors: Prof. Young, Prof.Marmarou)

87- 90 Resident, Department of Neurosurgery
Klinikum Großhadern, LMU-Munich, Germany
(Director: Prof. Dr. F. Marguth)

Academic Appointments:

90 - 91 Assistant Professor, Department of Neurosurgery
Universitätsklinikum Rudolf Virchow, FU Berlin, Germany
(Director: Prof. Dr. W. R. Lanksch)

91 - 03 Professor of Neurosurgery,
Department of Neurosurgery,
Virchow-Klinikum,
Humboldt-University of Berlin, Germany

95 - 03 Vice Director, Department of Neurosurgery, Charité

04/03 - to date Chairman and Director, Department of Neurosurgery
University of Heidelberg, Germany

Research Interests:

- Secondary brain damage following trauma and ischemia, brain edema
- Cerebral blood flow, metabolism and MR-spectroscopy following head injury
- Monitoring of intracranial pressure, cerebral perfusion pressure and cerebral oxygenation following severe head injury and subarachnoid hemorrhage
- Decompression craniectomy
- Microdialysis following subarachnoid hemorrhage and head injury
- Intraoperative Imaging

Clinical Interests:

- Neurooncology
- Vascular Neurosurgery
- Pituitary Surgery
- Skull base surgery
- Neurotraumatology
- Neurosurgical Intensive Care

Awards and Honors:

- 09/82 Travel Award of the European Society for Microcirculation
- 09/83 E.K.-Frey-Award
Deutsche Gesellschaft für Internistische Intensivmedizin
- 09/88 Upjohn Award for Neurosurgical Research,
European Association of Neurosurgical Societies (EANS)
- 01/95 Member of the International Expert Group
„Guidelines in the Management of Severe Head Injury“
- 07/95 Investigator Award, International Neurotrauma Society

Memberships and Activities in Scientific and Professional Societies:

1. German Society of Neurosurgery,
Vice President (2006-2008)
President (2008-2010)
Past President (2010-2012)
2. Deutsche Interdisziplinäre Vereinigung für Intensiv- und
Notfallmedizin, Member of the Executive Board
3. DGNI German Society of Neurocritical Care
President (2011-2013)
4. Euroacademia Multidisciplinaria Neurotraumatologica
5. European Brain Injury Consortium,
Member of the Executive Committee
6. International Society for Brain Edema
7. International Neurotrauma Society