



Prof. Dr. Klaus R.H. von Wild

Professor of Neurosurgery
Medical Faculty University of Münster
Professor for Functional Neurorehabilitation and
Re-engineering in brain and spinal cord lesions
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CURRICULUM VITAE

PERSONAL DATA

Born 04.05.1939 in Frankfurt/Main, Germany
Family status Married to Dr. phil. Monika von Wild, geb. Koch since 1969
two sons: Daniel, Dr. jur., married, solicitor, Paris, SALANS HERTZFELD ET HEILBRONN Leading French corporate attorneys
Tobias, Graduation in medicine Oct.2003, Berlin. Special interest and aim: Plastic reconstructive surgery
Nationality German, Swiss

Medical education and professional work

1960-1966 Study of medicine in Frankfurt am Main, Vienna, and Muenchen.
Graduated from the Johann Wolfgang Goethe- University of Frankfurt/M.
1968 Graduation and Doctorate in Medicine, MD, Frankfurt/M.
1968 Military Service, Captain, Medical corps Bundeswehr Munsterlager
1975 Completion of Neurosurgical Training at the Neurosurgical Clinic, Head Professor Dr. Hugo Ruf, Med. Faculty University Frankfurt/M.
1975-1977 Senior Resident Neurosurgical Clinic of the University Frankfurt/M.
1977-1982 Senior lecturer the Neurosurgical Department, Krankenhaus Nordstadt, Hannover, Head Prof. Dr. Madjid Samii, Past- and Honorary President WFNS.
1982-2002 Professor and Head Neurosurgical Department Clemenshospital, Medical Faculty University of Münster.
1994 Opening of the 1st Early -Rehabilitation Ward for TBI in Neurosurgery (20 beds) as part of the Neurosurgical department, Clemenshospital, Muenster. Experience as neurosurgeon responsible for approximately 5000 neurosurgical procedures using microsurgical techniques (based on Samii education since 1971!) of all kind on brain, spine , spinal cord, and peripheral nerves as well as functional and stereotactic procedures.

Additional qualifications

Licence for education and board examination for neurosurgeons in neuroradiology, electroneurophysiology, treatment of pain, clinical laboratory medicine in neurosurgery and physical training.

Teaching

1977 Assistant Professor for Neurosurgery University of Frankfurt/M.
1979 Assistant Professor for Neurosurgery Medizinische Hochschule Hannover (MHH)
1984 Appointment Professor for Neurosurgery Medizinische Hochschule Hannover (MHH)
1987 Appointment Professor of Neurosurgery, Medical Faculty Westfälische Wilhelms - University Münster
2003 Nomination as a Professor for Functional Neurorehabilitation in Neurosurgery and Re-Engineering in Brain and Spinal Cord Lesions, International Neuroscience Institute Hannover (INI)
2001 Consultant and Visiting Professor for Neurosurgery, Sarah Network University, Brasilia

Clinical Research and Projects

- Since 1964 Neuroendocrinology related to pituitary and tumours of the sella region (interdisciplinary team Medical Faculty Frankfurt/M.)
- Since 1968 Acute care and rehabilitation in traumatic brain injury (TBI) central stimulating drugs and EEG in posttraumatic coma, neuromonitoring in ICU
- 1977 Muldimodal Neuromonitoring in the ICU (ICP, electro-neurophysiology, CCT, hormone analysis)
- Since 1977 Operative techniques in skull base tumours, Madjid Samii's philosophy.
- From 1982 SPINE: minimal invasive techniques (percutaneous) and stabilization in degenerative, traumatic and tumour lesions of the spine.
QoL: In the eighties prospective study of human Interferon β in malignant brain tumours.
- Since 1986 Posttraumatic early neurosurgical /neurological rehabilitation in neurotraumatology. First expertise on and introduction of this novel therapeutic concept in Germany, later on in Europe and worldwide.
- Since 1997 Member of the European project for restoration of locomotion in paraplegics with aid of an implantable Neuroprosthesis for functional electrical stimulation :“Stand up and Walk” (SUAW) Director Prof. Pierre Rabischong, Montpellier (France)
- 1999 First successful implantation of the FES system in human in Montpellier together with Dres. M. Benichou, G. Brunelli, P. Rabischong and the technical team. Second patient operated in 2000.
- Since 1999 Task force on an novel instrument to assess Quality of Life (QoL) in patients after traumatic brain injury (TBI), initiated by Edgar Neugebauer, MD PhD; Biochemische Experimentelle Abteilung II, Chirurgischer Lehrstuhl Köln, Germany (E-mail: secretariatneugebauer@uni-koeln.de) , and chaired by Jean Luc Truelle, MD.PhD Medicine resident Service Neurologie CMC Foch, Foch, France (E-mail jl.truelle@hopital-foch.org). First prospective, controlled multi centre study on the epidemiology and quality of management in acute traumatic brain injured (TBI) people in Germany (regions of Hannover and Münster). 2000-2001 with Eckhard Rickels, MHH, Zentrum Qualitätssicherung (ZQ) der Ärztekammer Niedersachsen, granted by Kuratorium ZNS and Cerebprotect eV, Germany. v
- 2002-2003 Introduction of Brunelli's Paradigm into human paraplegics to restoration of voluntary locomotion with aid of autologous bypass grafts for direct neurotisation of hip muscles by upper motor neuron in a lady in 2002 (Imola, Italy) and as it was successful in a male patient 2003.

Publications

Books

- 160 scientific publications in national and international journals and books, mainly as first author, In respect to AMN for example as following:
- Neurologische Frührehabilitation (1990). K. von Wild, H.-H. Janzik (eds) W. Zuckscherdt Publishers, München, Bern, Wien, San Francisco
- Gutachten zu den Standards der neurologischen Rehabilitation unter besonderer Berücksichtigung der Frührehabilitation(1992): H.H. Janzik, K. von Wild, V. Hömberg Ministerium für Arbeit, Gesundheit und Soziales des Landes Nordrhein-Westfalen (eds)
- Spektrum der Neurorehabilitation. Frührehabilitation, Rehabilitation von Kindern und Jugendlichen (1993) K. von Wild (ed) W. Zuckschwerdt Publishers
- Brain protection in severe head injury (1996) H.E. Diemath, J. Sommerauer, K.R.H. von Wild (eds): W. Zuckwerdt Publishers (1st EMN)
- Pathophysiological Principles and controversies in neurointensive care (1997) K.R.H. von Wild, C.-H. Nordström, F. Hernández-Meyer (eds) W. Zuckschwerdt Publishers (2nd EMN)
- Das schädelhirnverletzte Kind. Motorische Therapie, Qualitätsmanagement K.R.H.von Wild, V. Hömberg, A. Ritz (eds)
W. Zuckscherdt Publishers
- Quality management in head injuries care (1999): L. González-Feria, K.R.H. von Wild, H.E. Diemath (eds) Servicio Canario de Salud Publishers (4th EMN)
- Qualitätsmanagement in der neurologischen und neurochirurgischen Frührehabilitation (2000): A. Voss, Klaus R.H. von Wild, M. Prosielgel (eds) Zuckschwerdt Publishers
- Neurotrauma, epidemiology, prevention, new technologies, guidelines, pathophysiology, surgery, Neurorehabilitation (2002) A. Potapov, L. Likhterman, K.R.H. von Wild (eds) the N.N.Burdenko Neurosurgery Institute, Moscow, Russia by Antidor Publishers (6th EMN)
- Evidenc based Neurotrauma (2003) A.D. Mendelow, I.R. Chambers, P.J. Crawford, B.A. Gregson, M.A Barnes, K.R. von Wild (eds) University of Newcastle upon Tyne, UK (7th EMN)
- Functional rehabilitation in neurosurgery and neurotraumatology (2002) K.R.H. von Wild in colaboration with M. Lipovsek, A.D. Mendelow, and J.L. Truelle. Acta Neurochirurgica Supplement 79, Springer Wien, New York

Journals

- Fromm, H, K. von Wild (1974): Clinical aspects, operative treatment and rehabilitation of paraplegia caused by lipomas of the spinal cord- with particular emphasis of the intramedullary lipomas. *Paraplegia* 12, 15 - 20
- Wild, K.von G. Dolce (1976): Pathophysiological aspects concerning the treatment of apallic syndrome. *J. Neurol.* 213, 143- 148
- Wild, K. von, P. Simons, H. Schoeppner (1992): Effects of Pyritinol on EEG and SSEP in comatose patients in the acute phase of intensive care therapy. *Pharmacopsychiatr* 25, 157 –166
- Wild, K. von: Magnetic resonance imaging (MRI) in acute traumatic brain injury (TBI) (1996) pp 74-85 In: H.E. Die-math et al (eds) *Brain Protection in severe head injury*. W. Zuckschwerdt
- Wild, K.R.H. von (2000): Perioperative management of severe head injuries in adults, pp45-60. In: H. Schmidek & W.H. Sweet (eds) *Operative neurosurgical techniques*. W.B. Saunders Com. Philadelphia, London, New York, St Louis, Sydney, Toronto
- Wild, K.R.H. von, P. Rabischong, G. Brunelli, M. Benichou, K. Krishnan (2001) Computer added locomotion by im- planted electrical stimulation in paraplegic patients (SUAW) *Acta Neurochir Supplement* 79, 99 – 104
- Wild, K. R. H. von (2001): New development in neurorehabilitation- the neurosurgeon's experience and results In. T. Kanno (eds) *Proceedings of the 10th Annual Meeting of the Society for treatment of coma*, vol.10, Japan
- Wild, K. von , Stephanie Terwey (2002) Diagnostic confusion in mild traumatic brain injury (MTBI). Lesson from clinical practice and EFNS- Inquiry. *Brain Injury* 15, No 3, 273 - 277
- Vos, P.E., L. Battistin, G. Birbamer, F. Gerstenbrand, A. Potapov, T. Prevec, Ch.A. Stepan, P. Traubner, A. Twijnstra, L. Vec- sei and K. von Wild (2002) EFNS guideline on mild traumatic brain injury: report of an EFNS task force, *European Journal of Neurology*, Vol 9, 3,
- Wild, K.H.R. von (2003): New development of functional neurorehabilitation in neurosurgery. *Acta Neurochir Suppl* 87, 43 –47
- Wild K.R.H. von, and G. Brunelli (2003) Restoration of locomotion in paraplegics with aid of autologous bypass grafts for direct neurotisation of muscles by upper motor neurons- the future: surgery of the spinal cord? *Acta neurochir, Supplement* 87, 107 - 112

Oral Presentations

More than 220 presentations regarding neurosurgery, neurotraumatology and inter- or multidisciplinary topics respectively.

National and International Conferences

- 1978-1982 International courses on skull base surgery in Hannover
- 1990 President 1st International Congress on Early Neurorehabilitation, Münster
- 1993 President Biannual Congress German Society on Neurotraumatology and Clinical Neuropsychology, Münster
- 1997 President 2nd Congress of the Euroacademy for Multidisciplinary Neurotraumatology (EMN)
- 1999 President, together with Volker Hömberg of the biannual Congress German Society of Neurotraumatology and Clinical Neuropsychology and annual Congress German Society of Neurological Rehabilitation, 1st Joint Meeting, Hamburg
- 1998 International workshop on minimal invasive lumbar disc surgery and Chemonucleolysis, Münster
- Since 1999 Organization and chair of Special Sessions on Functional Neurorehabilitation at the WFNS, EFNS, EANS, AACNS, PANS, Brazilian Neurosurgical Congress
- 2000 1st International Symposium WFNS Committee on functional Neurorehabilitation in Neurosurgery, Münster
- 2001 International Workshop on Micro dialysis in neurointensive Care, Münster
- 2003 Together with Volker Dietz, Zürich, Focused EMN Workshop Spinal Cord Injury, Helsinki, 1st Joint workshop with EFNS

In preparation:

- 2004 Quality of Life (QoL) as consequence of severe traumatic brain lesions - including vegetative state/apallic syn- drome; Medical facts, ethical and legal dilemmas.
- Focused EFNS workshop, 2nd joint EMN-EFNS meeting, September 7, Paris
- Organization and chair, together with Jean Luc Truelle, Suresnes, France
- 2004 1st MASCIN, Madjid Samii Congress International Neurosurgeons,, September, Tübingen
- 2005 Focused EMN workshop on Cervical Distorsion, 3rd joint workshop with EFNS, Athens, September 17 - 20, 2005
- 2005 Organization and chair international workshop on music therapy in neurorehabilitation to improve awareness and cognition in patients suffering from long lasting coma and near coma status after TBI. Time and location will be announced in due time.

Scientific Societies

- 1995 Founder and President of the Euroacademia multidisciplinaria neurotraumatologica (EMN) , Euroacademy for multidisciplinary neurotraumatology: www.emn-neurotrauma.de
- 1997 Founder and Chairman of the WFNS Committee on functional Neurorehabilitation in neurosurgery.
- 2003 Together with Tetsuo Kanno, Toyoake, Japan, Founder and President of the AMN - World Academy for Multidisciplinary Neurotraumatology: www.worldamn.org
- 2002 Founder and President MASCIN, Madjid Samii Congress International Neurosurgeons
- 2002 Founding Member and Treasurer World Federation for Neurorehabilitation (WFNR)
- 1997-2003 Governor and since 2001 Director on Executive Board of International Brain Injury Association (IBIA) (2001)
- 2002 Chairman Scientific Panel on Neurotraumatology European Federation Neurological Societies (EFNS)

Membership national Societies

- 1989-1999 Member of the Presidium German Society of Neurosurgery
- 1989-1996 Founding member and Vice President German Neurosurgical professional association
- 1991-2001 Member of the Presidium, Vice- President and President of the German Society of Neurotraumatology and Clinical Neuropsychology
- 1997-2003 Presidium's member German Society on Neurorehabilitation
- 1998-2001 Executive board member German Society for plastic and reconstructive surgery
- 1998 Ordinary Member German Academy of Neurosurgery (GANS)
- 1997 Member Scientific Board Kuratorium ZNS und Hannelore Kohl Stiftung, Bonn
President of Cerebprotect, Förderverein für neurotraumatologische Frührehabilitation eV, Münster E-mail: von-wild@cereb.com
President kvw-neuroscience consulting GmbH, Münster E-mail: kvw@neurosci.de