

Curriculum Vitae

Personal details

Name and Surname: Eduard Minks, MD, PhD
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Date of birth: 2 January 1976
Place of birth: Brno, Czech Republic
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Present employment: Neurology and Physiotherapy Outpatient Clinic Skopalíkova
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Czech republic

Education and Experience

I attended elementary school from 1982 to 1990, Grammar School (Gymnázium Slovanské náměstí 7) in Brno from 1990 to 1994, and I graduated from the Faculty of Medicine of Masaryk University on 19/6/2001 in Brno, Czech Republic. University License Number: 1411/2001/0258, Title: Doctor of Medicine (MD). On 3/11/2014 I defended my doctoral thesis in Neurology and obtained the academic degree of Ph.D. at the Medical Faculty of Masaryk University. University License Number: 1411/2014/0776.

August 2001 - August 2002: Physician at Department of Neurosurgery of St. Anne's University Hospital in Brno

September 2002 - Present:	Physician at First Department of Neurology of St. Anne's University Hospital in Brno
September 2003 - Present:	Teacher for medical students and other health professionals
May 2005:	Board certification in Neurology (first degree of postgraduate education in clinical practise)
September 2007:	Completed specialization in Neurology
September 2007 - Present:	Leading physician in General Neurology
May 2008:	Expertise in electromyography
December 2008:	Introducing electromyography in a private neurological clinic on Běhounská street, Brno
September 2008 - Present:	Leading physician in Neuromuscular Diseases
April 2010 - April 2013:	Deputy Head of the First Department of Neurology
May 2013:	Doctoral state examination
November 2014:	Defence of my Doctoral Thesis and obtaining the academic degree of PhD at the Medical Faculty of Masaryk University
February 2015 – Present:	Assistant professor at the Medical Faculty of Masaryk University
July 2016:	Co-founder of private clinic called Neurology and Physiotherapy Outpatient Clinic Skopalíková in Brno
October 2016 – Present:	Second Deputy Head of the First Department of Neurology
March 2017:	Co-founder of private Neurological Clinic in Židlochovice
October 2018:	Certificate of Lifelong Learning of Medical Professionals (Czech Medical Chamber, validity until 2026)
May 2019:	Examination in Musculoskeletal Medicine/Manipulative Therapy - obtained the qualification of the first degree of professional competence
October 2019:	Expertise in Evoked Potentials

Over the last years I have worked in the standard ward, intensive care unit, cerebral vascular accident program and outpatient department. I teach medical students and other health professionals and conduct scientific research.

Main clinical interests

Clinical Neurology
Ultrasound of nerves and muscles
Clinical Neurophysiology (mainly electromyography and evoked potentials)
Neuromuscular Diseases
Movement Disorders
Stroke Programs
Therapy with botulinum toxin A and B
Vertebrogenic pain syndrome

Main scientific interests

Ultrasound of nerves and muscles
Transcranial magnetic stimulation
Intracerebral evoked potentials
Influence of natural effects on motor skills and health
Visual snow
Spasticity

Basic publishing activity (scientific articles in journals and books)

Poděbradská R, **Minks E**, Havelka J, Janura M. Perinatální paréza brachiálního plexu na podkladě avulze, řešená konzervativně. *Cesk Slov Neurol N* 2019; 82(5): 569
Poděbradská R, **Minks E**, Havelka J, Janura M. Perinatal brachial plexus palsy based on avulsion, conservative treatment. *Cesk Slov Neurol N* 2019; 82(5): 569 (year 2017 **Impact Factor: 0.508**)

Poděbradská R, Janura M, Průcha J, Nevrlý M, Elfmark E, **Minks E**. Využití vakuově-kompresní terapie v léčbě syndromu karpálního tunelu jako součást fyzioterapie – pilotní studie. *Cesk Slov Ne urol N* 2019; 82/ 115(3): 345– 348
Poděbradská R, Janura M, Průcha J, Nevrlý M, Elfmark E, **Minks E**. Effect of vacuum-compression therapy for carpal tunnel syndrome as a part of physiotherapy – pilot study. *Cesk Slov Ne urol N* 2019; 82/ 115(3): 345– 348 (year 2017 **Impact Factor: 0.508**)

Gescheidt T, **Minks E**. Aplikace botulotoxinu do musculus piriformis pod ultrasonografickou kontrolou. *Neurol. praxi* 2019; 20(3): 228-232
Gescheidt T, **Minks E**. Administration of botulinum toxin into piriformis muscle under ultrasound guidance. *Neurol. praxi* 2019; 20(3): 228-232

Minks E, Streitová H, Mackerle Z, Minksová A, Hermanová M. Sonografická diagnostika benigních tumorů periferních nervů na horních končetinách – kazuistiky čtyř pacientů. *Neurol. praxi* 2018; 19(6): 450-455

Minks E, Streitová H, Mackerle Z, Minksová A, Hermanová M. Ultrasound diagnosis of benign peripheral nerve tumors in upper limbs – case report of 4 patients. *Neurol. praxi* 2018; 19(6): 450-455

Minks E. Může léze periferního nervu vyvolat dystonii? *Neurol. praxi* 2018; 19(2): 142-146

Minks E. Can peripheral nerve injury induce dystonia? *Neurol. praxi* 2018; 19(2): 142-146

Minks E, Jurák P, Chládek J, Minksová A, Hummelová Z, Halámek J, Chrastina J, Ovesná P, Bareš M. Are the subthalamic nucleus, internal globus pallidus and thalamus involved in thinking? *Basal Ganglia*. Volume 14, November 2018, Pages 22-30.

<https://doi.org/10.1016/j.baga.2018.07.004>

Lukáčová V, Mastík J, **Minks E**. Could Repetitive Transcranial Magnetic Stimulation (rTMS) Help Patients with Visual Snow ? *Activitas Nervosa Superior* (2018) 60: 27-31.

<https://doi.org/10.1007/s41470-018-0014-7>

Škorňa M, Bednařík J, Junkerová J, Staněk J, Ehler E, Mazanec R, Haberlová J, Ridzoň P, Otruba P, Kuchyňka J, Strmisková L, Božovský T, Forgáč M, Vaško P, **Minks E**, Kvasničková D, Pátá M, Suchý M. Czech National Guillain-Barré Syndrome Registry. Český národní registr Guillainova-Barrého syndromu. *Cesk Slov Neurol N* 2017; 80/113(4): 418-427.

Škorňa M, Bednařík J, Junkerová J, Staněk J, Ehler E, Mazanec R, Haberlová J, Ridzoň P, Otruba P, Kuchyňka J, Strmisková L, Božovský T, Forgáč M, Vaško P, **Minks E**, Kvasničková D, Pátá M, Suchý M. Český národní registr Guillainova-Barrého syndromu. *Cesk Slov Neurol N* 2017; 80/113(4): 418-427. (year 2015 **Impact Factor: 0.209**)

Minks E. Aplikace botulotoxinu do musculus tibialis posterior z mediálního přístupu. *Dysport Bulletin* 2014;6(1):10-18.

Minks E. Application of botulinum toxin into the tibialis posterior muscle from medial approach.

Dysport Bulletin 2014;6(1):10-18.

Minks E, Jurák P, Chládek J, Chrastina J, Halámek J, Shaw DJ, Bareš M. Mismatch negativity-like potential (MMN-like) in the subthalamic nuclei in Parkinson's disease patients. *J Neural Transm*. 2014 Dec;121(12):1507-22. (year 2012 **Impact Factor: 3.052**)

Minks E. Evokované potenciály, Elektromyografie. In: Brázdil M, Minks E. *Elektrofyzilogie*. In: Pavel Ševčík et al. *Intenzivní medicína*. 3. Vydání. ISBN 978-80-7492-066-0. Praha, Česká republika: Galén 2014: 457-459.

Minks E. Evoked potentials, Elektromyography. In: Brázdil M, Minks E. *Electrophysiology*. In: Pavel Ševčík et al. *Intensive Care Medicine*. 3rd Edition. ISBN 978-80-7492-066-0. Prague, Czech Republic: Galén 2014: 457-459.

Minks E. Doctoral Thesis. Parkinson's disease: Influence of motor skills using low-frequency repetitive transcranial magnetic stimulation (rTMS) of the cerebellum and processing of subconscious sensory information using intracerebral recording of Mismatch negativity (MMN). *Neurophysiological studies*. Masaryk University, Faculty of Medicine, First Department of Neurology. Brno 2014: 1-80.

Minks E. Summary of Doctoral Thesis for an academic degree of Ph.D. Parkinson's disease: Influence of motor skills using low-frequency repetitive transcranial magnetic stimulation (rTMS) of the cerebellum and processing of subconscious sensory information using intracerebral recording of Mismatch negativity (MMN). Neurophysiological studies. Masaryk University, Faculty of Medicine, First Department of Neurology. Brno 2014: 1-20.

Minks E, Minksová A, Brhel P, Babičová V. Profesionální syndrom karpálního tunelu. *Neurol. praxi* 2014; 15(5): 234-239.

Minks E, Minksová A, Brhel P, Babičová V. Occupational carpal tunnel syndrome. *Neurol. praxi* 2014; 15(5): 234-239.

Minks E. Aplikace botulotoxinu do svalů u pacientů léčených warfarinem. *Dysport Bulletin* 2013;5(3):16-19.

Minks E. Application of Botulinum toxin A into the muscles in patients receiving warfarin. *Dysport Bulletin* 2013;5(3):16-19.

Pail M, Husárová I, Pažourková M, **Minks E.** Dysimunitní kraniální neuropatie u pacienta s Burkittovým lymfomem infiltrujícím caudu equinu. *Neurol. praxi* 2012;13(2):109-111.

Pail M, Husárová I, Pažourková M, Minks E. Cranial neuropathy in a patient with Burkitt lymphoma infiltrating the cauda equina. *Neurol. praxi* 2012;13(2):109-111.

Minks E, Husárová I, Hlučková A, Streitová H, Konečný L, Pochmonová J, Bareš M. 2cm segmentová studie motorických vláken nervus ulnaris přes oblast lokte – elektromyografická technika. *Neurol. praxi* 2012;13(1): 32-37.

Minks E, Husárová I, Hlučková A, Streitová H, Konečný L, Pochmonová J, Bareš M. Two-centimetre segment study of ulnar nerve motor conduction across the elbow – electromyographic technique. *Neurol. praxi* 2012;13(1): 32-37.

Minks E, Dufek J. kapitoly: A) Neuron, periferní nerv, nervosvalová ploténka, kosterní sval, motorická jednotka. B) Neuropatie. C) Onemocnění motorického neuronu. D) Onemocnění nervosvalového přenosu. E) Myopatie. In: Tyrlíková I, Bareš M a kolektiv autorů. *Neurologie pro nelékařské obory*. Brno, Česká republika: Národní centrum ošetřovatelství a nelékařských zdravotnických oborů; 2012: 4-13,255-260,261-262,263-265,266-268.

Minks E, Dufek J. In: Tyrlíková I, Bareš M et al. chapters: A) Neuron, peripheral nerve, neuromuscular junction, skeletal muscle, motor unit. B) Neuropathy. C) Motor neurone diseases. D) Neuromuscular transmission diseases. E) Myopathy. *Neurology for non-medical professionals*. Brno, Czech Republic: Národní centrum ošetřovatelství a nelékařských zdravotnických oborů; 2012: 4-13,255-260,261-262,263-265,266-268.

Minks E, Mareček R, Pavlík T, Ovesná P, Bareš M. Is the Cerebellum a Potential Target for Stimulation in Parkinson's Disease? Results of 1-Hz rTMS on Upper Limb Motor Tasks. *Cerebellum* 2011;10(4):804-11. (year 2011 **Impact Factor: 3.207**)

Bareš M, **Minks E,** Husárová I, Ferencová K Correspondence on "Outcome measures used in studies of botulinum toxin in childhood cerebral palsy: a systematic review" Hodnotící parametry užívané ve studiích s botulotoxinem A při léčbě spasticity u dětské mozkové obrny: systematický přehled. *Neurol. pro praxi*. 2011;12(1):68.

Minks E, Kopickova M, Marecek R, Streitova H, Bares M. Transcranial magnetic stimulation of the cerebellum. Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub 2010; 154(2):133-139. (year 2010 **Impact Factor: 0.716**)

Bareš M, **Minks E**, Husárová I, Ferencová K. Correspondence on "Outcome measures used in studies of botulinum toxin in childhood cerebral palsy: a systematic review". J Child Neurol. 2010;25(6):793-4; author reply 794. (year 2010 **Impact Factor: 1.660**)

Minks E, Mareček R, Pavlík T, Chroust K, Bareš M. Vliv repetitivní transkraniální magnetické stimulace cerebella na motoriku horní končetiny u pacientů v iniciálním stadiu Parkinsonovy nemoci - pilotní studie, Cesk Slov Neurol N 2010;73/106(1):32-36.
Minks E, Marecek R, Pavlik T, Chroust K, Bares M. The Effect of Repetitive Transcranial Magnetic Stimulation of the Cerebellum on the Upper Limb Performance in Early Parkinson's Disease – Pilot Study. Cesk Slov Neurol N 2010;73/106(1):32-36. (year 2010 **Impact Factor: 0.393**)

Minks E, Bareš M, Husárová I, Ferencová K. Dlouhodobá léčba spasticity dolních a horních končetin botulotoxinem A u dětí s dětskou mozkovou obrnou: retrospektivní studie. Neurol. pro praxi 2008; 9(4 Suppl. C): 1-22.

Minks E, Bareš M, Husárová I, Ferencová K. Long-term treatment of spasticity of the lower and upper limb with botulinum toxin A in children with cerebral palsy: a retrospective study. Neurol. pro praxi 2008; 9(4 Suppl. C): 1-22.

Minks E, Bareš M. Elektromyografická diagnostika u akutní zánětlivé demyelinizační polyradikuloneuritidy - retrospektivní hodnocení a srovnání s mezinárodními diagnostickými kritérii. Neurol. pro praxi 2007;1:43-48.

Minks E, Bareš M. Electromyographic diagnosis of acute inflammatory demyelinating neuropathy - retrospective evaluation and comparison with international diagnostic criteria. Neurol. pro praxi 2007;1:43-48.

Minks E, Tomčík J, Kuba R. HIV encefalopatie. Neurol. pro praxi 2006; 2:111–113.

Minks E, Tomcik J, Kuba R. HIV encephalopathy. Neurol. pro praxi 2006;2:111–113.

Experience with pharmacological multicentre studies
(sponsor, medicine, phase of study, disease, year)

Schwarz Pharma, Rotigotine, phase III, Parkinson disease, 2005-2007

Merz, Botulinum toxin A, phase III, Post stroke spasticity, 2006-2007

Allergan, Botulinum toxin A, phase III, Cervical dystonia, 2007-2008

Novartis, Fingolimod, phase III, Sclerosis multiplex, 2009-2014

Merz, Botulinum toxin A, phase III, Post stroke spasticity, 2010-2013

Ipsen, Botulinum toxin A, phase III, Cervical dystonia, 2011-2013

Allergan, Botulinum toxin A, phase III, Post stroke spasticity, 2012-2015

Novartis, Fingolimod, phase III, Sclerosis multiplex, 2014-2015

Merz, Botulinum toxin A, phase III, Cerebral palsy, 2014-2017

Ipsen, Botulinum toxin A, phase III, Cerebral palsy, 2014-2017

Ipsen, Botulinum toxin A, phase III, Post stroke spasticity, 2017-2018

Alder, Monoclonal antibody (CGRP), phase III, Chronic Migraine, 2017-2018

Novartis, Angiotensin II type 2 receptor, phase II, Post-herpetic neuralgia, 2018 – 2019

Biogen, Inhibitor of voltage-gated sod. ch., phase II, Small fibre neuropathy, 2018 – Present

Merz, Botulinum toxin A, phase III, Spasticity (stroke and brain injury), 2019 – Present
Algiax, AP-325 (malononitrilamide), phase II, peripheral post-surgical neuropathic pain, 2020
- Present

Membership in professional societies:

Czech Medical Chamber
Česká lékařská komora

Czech Medical Association of Jan Evangelista Purkyně
Česká lékařská společnost Jana Evangelisty Purkyně

Czech Neurological Society
Česká neurologická společnost

Czech Movement Disorders Society
Extrapiramidová sekce České neurologické společnosti, ČLS JEP

Czech Headache Society
Sekce pro diagnostiku a léčbu bolesti hlavy České neurologické společnosti, ČLS JEP

Czech Neuromuscular Society
Neuromuskulární sekce České neurologické společnosti, ČLS JEP

Czech Society for Clinical Electrophysiology
Česká společnost pro klinickou neurofyziologii, ČLS JEP

Cerebrovascular Section of the Czech Neurological Society
Cerebrovaskulární sekce České neurologické společnosti ČLS JEP

Good Clinical Practise (GCP)

The last GCP training was done on 1 October 2020 - ICH GCP E6 (R2).

Knowledge of languages:

Czech - native speaker

English - advanced speaker (C1 level in the CEF - Common European Framework)

In Brno 1 October 2020

Eduard Minks, MD, PhD