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Education

2001-04 Bachelor in physiotherapy at Næstved Ergo- og Fysioterapeutske CVU-syd
2010-12 Master in Rehabilitation

Employment

2009 Hvidovre Hospital, Denmark. Department of Neurorehabilitation TBI Unit. Identification of required development, planning and implementation of professional development by means of teaching and supervision, support and development of inter-professional cooperation between the different professions in the department, initiate research and developing initiatives among colleagues and carry out his own developing projects and research.

2007-2009 Lecturer in neurologic physiotherapy for students at the 5th semester at Skodsborg physiotherapist school

2007-2009 Responsible for the specialization of physiotherapists within the field of apoplexy. This involved updating of the latest knowledge and training of colleagues and students. Glostrup Hospital.

2008 Clinical trainer within physiotherapy, Glostrup Hospital.

2005-2006 Heart Team: Training of persons who have had a cardiological intervention. The training focuses on exercises that will improve the conditioning of these persons with the aim of teaching them where the physiological limitations lie and to give them some tools to help them to train themselves. AOF Vestegnen

2004-2005 Physiotherapeutic treatment of ordinary patients and patients free of charge referred from a doctor. Clinic for physiotherapy by Anne-Mette Ragle.

2004-2007 Physiotherapist. Handling of functions on rheumatological/geriatric department BN25 and BG35. These departments' main task is the acute reception of patients with apoplexia and rehabilitation of patients with apoplexia. Glostrup Hospital.

2003 Substitute for a physiotherapist. Training of patients with a severe og moderate brain injury. The training is based on the ABC-concept with emphasis on interdisciplinary cooperation. Dianalund Treatment Center.

2003-2004 Physiotherapist (to be called) - Treatment Center: Rehabilitation Center for patients with a brain injury. Dianalund

Lecturer

2013 "Apoplexy - Examination and physical training" 9 day course at Center for Hjerneskode, Amager, arranged by Danske Fysioterapeuter.

2011 "Apoplexy - Examination and intervention" 3 day course at Ringe Neurorehabilitationcenter arranged by Danske Fysioterapeuter.

2010 "Optimization of training initiatives for the neurological patient" Region Sjælland minifagfestival, Ringsted Kongrescenter.

2010 "Evidence-based training of patients with Apoplexy" 2 hour lecture arranged by Marianne Kongsgaard, Region Nordjylland

2010-11 "Apoplexy: Examination and intervention" 3 day course in Randers municipality arranged by Danske Fysioterapeuter.

2010 "Apoplexy: Examination and intervention" 3 day course at Marselisborg Center arranged by Danske Fysioterapeuter.

2010 "Apoplexy: Examination and intervention" 3 day course at Bispebjerg Hospital arranged by Danske Fysioterapeuter.

2009 "The painful shoulder on patients with hemiparesis" 3 hour course at Frederiksberg Sundhedscenter for physiotherapists and occupational therapists.

2008 "Implementation of test - Motor Assessment Scale" 1 day course at the rehabilitationcenter in Frederikssund municipality

2008 "Physiotherapy for neurological patients" 3 hour teaching of the subject: task-oriented training of patients with Apoplexy.

- 2008 A lecture concerning "Motor relearning programme - what does the black box contain?" Theme day at Neurologisk faggruppes generalforsamling 2008.
- 2008 "Physiotherapy for neurological patients" 3 hour teaching of the subject: Task-oriented training of patients with Apoplexy.
- 2007 A lecture concerning "Task-oriented training of patients with Apoplexy". Theme night arranged by neurological occupational group
- 2007 "Physiotherapy for neurological patients" 3 hour teaching of the subject: Task-oriented training of patients with Apoplexy
- 2006 "Physiotherapy for neurological patients" 3 hour teaching of the subject: Task-oriented training of patients with Apoplexy

Courses

- 2011 Spasticity – new knowledge from basic- to clinical research Organized by Department of Neurorehabilitation TBI Unit, Glostrup Hospital and Center for Rett syndrome, Kennedy Centret, Glostrup. Symposium coordinator and contact person Jakob Lorentzen.
- 2011 Training and fall prevention of elderly patients. Shumway - Cook & Wallacott arranged by Hvidovre Hospital.
- 2009 Rehabilitation of the elderly and fall prevention Shumway-Cook & Wallacott arranged by Danske Fysioterapeuter.
- 2009 Neuroplasticity and Neurorehabilitation Symposium at Sandbjerg Estate arranged by Dansk selskab for Neurovidenskab by professor Jens Bo Nielsen, KU.
- 2006 Course on statistics by Carsten Juhl, Hans Lund and Henrik Røgind.
- 2005 UE-course. "Evidence-based rehabilitation of the lower extremity in adult patients with apoplexy or a brain injury." Neurological professionals.
- 2005 OE-course. "Evidence-based rehabilitation of the upper extremity in adult patients with apoplexy or a brain injury." Neurological professionals.

Conferences

- 2012 Fagfestival, Danske Fysioterapeuter – Odense convention center, Denmark.

Poster

- 2012 "Tilt-table training in patients with severe acquired brain injury admitted for sub-acute rehabilitation – A feasibility study". Forskningens dag 2012, Glostrup Hospital

Projects

Early Mobilisation After Severe Traumatic Brain Injury

Riberholt, C. G., Møller, K. & Mehlsen, J.
02/01/2017 → 30/06/2018

Regulering af cerebral blodgennemstrømning hos patienter med svær traumatisk hjerneskadede

Riberholt, C. G., Mehlsen, J. & Olesen, N.
01/02/2014 → 30/11/2014

The Incidence of orthostatic hypotension during the use of a standard tilt-table for severely traumatic brain injured patients

Riberholt, C. G., Jørgensen, T. W., Nordenbo, A. M. & Lorentzen, J.
18/07/2011 → 23/12/2013

Publications

Effect of controlled blood pressure increase on cerebral blood flow velocity and oxygenation in patients with subarachnoid haemorrhage

Olsen, M. H., Capiion, T., Riberholt, C. G., Bache, S., Ebdrup, S. R., Rasmussen, R., Mathiesen, T., Berg, R. M. G. & Møller, K., Sep 2023, In: Acta Anaesthesiologica Scandinavica. 67, 8, p. 1054-1060 7 p.

Autonomic response to early head-up tilt in patients with severe traumatic brain injury: Analysis from a randomized feasibility trial

Schultz, M. D., Alstrup, M., Olsen, M. H., Berg, R. M. G., Mehlsen, J., Møller, K. & Gunge Riberholt, C., Apr 2023, In: Physiological Reports. 11, 8, e15666.

Use of the EXOPULSE Mollii for severe ataxia in an adult male 4 months after cardiac arrest

Wagner, V., Knudsen, M. S., Curtis, D. J. & Riberholt, C. G., 24 Mar 2023, In: *BMJ Case Reports* . 16, 3, e249574.

Glycaemic control for patients with severe acute brain injury: protocol for a systematic review

Fenger, A-S. W., Olsen, M. H., Fabritius, M. L., Riberholt, C. G. & Møller, K., Feb 2023, In: *Acta Anaesthesiologica Scandinavica*. 67, 2, p. 240-247 8 p.

Diagnostic and prognostic performance of Mxa and transfer function analysis-based dynamic cerebral autoregulation metrics

Olsen, M. H., Riberholt, C., Plovsing, R. R., Berg, R. M. & Møller, K., Nov 2022, In: *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*. 42, 11, p. 2164-2172 9 p.

Reliability of non-invasive arterial blood pressure measurement in patients with aneurysmal subarachnoid haemorrhage

Olsen, M. H., Riberholt, C. G., Capion, T., Berg, R. M. G. & Møller, K., 7 Jul 2022, In: *Physiological Measurement*. 43, 7, p. 1-6 6 p., 07NT01.

Intervention - tidlig rehabilitering, vågenhed og deltagelse

Riberholt, C. G., 10 Jun 2022, *Personcentreret Neurorehabilitering: Viden og Praksis*. Kristensen, H. K. & Pallesen, H. (eds.). 1 ed. Gad, Vol. 1. p. 95-108 13 p.

Major mistakes and errors in the use of Trial Sequential Analysis in systematic reviews or meta-analyses - protocol for a systematic review

Riberholt, C. G., Olsen, M. H., Milan, J. B. & Glud, C., 4 Jun 2022, In: *Systematic Reviews*. 11, 1, 6 p., 114.

Mobilising patients with severe acquired brain injury in intensive care (MAWERIC) - Protocol for a randomised cross-over trial

Riberholt, C. G., Olsen, M. H., Berg, R. M. G. & Møller, K., May 2022, In: *Contemporary Clinical Trials*. 116, 8 p., 106738.

Reliability of cerebral autoregulation using different measures of perfusion pressure in patients with subarachnoid hemorrhage

Olsen, M. H., Capion, T., Riberholt, C. G., Bache, S., Berg, R. M. G. & Møller, K., Mar 2022, In: *Physiological Reports*. 10, 6, p. 1-10 10 p., e15203.

Reliability and validity of the mean flow index (Mx) for assessing cerebral autoregulation in humans: A systematic review of the methodology

Olsen, M. H., Riberholt, C. G., Mehlsen, J., Berg, R. M. G. & Møller, K., Jan 2022, In: *Journal of Cerebral Blood Flow and Metabolism*. 42, 1, p. 27-38 12 p.

Scoping review to identify and map non-pharmacological, non-surgical treatments for dysphagia following moderate-to-severe acquired brain injury

Eskildsen, S. J., Poulsen, I., Jakobsen, D., Riberholt, C. G. & Curtis, D. J., 2 Dec 2021, In: *BMJ Open*. 11, 12, p. 1-17 17 p., e053244.

Statistical analysis plan: Early mobilization by head-up tilt with stepping versus standard care after severe traumatic brain injury

Riberholt, C. G., Glud, C., Jakobsen, J. C., Ovesen, C., Mehlsen, J. & Møller, K., Dec 2021, In: *Contemporary Clinical Trials Communications*. 24, 5 p., 100856.

Dynamic cerebral autoregulation during early orthostatic exercise in patients with severe traumatic brain injury: Further exploratory analyses from a randomized clinical feasibility trial

Riberholt, C. G., Olsen, M. H., Berg, R. M. G., Mehlsen, J. & Møller, K., Oct 2021, In: *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*. 92, p. 39-44 6 p.

Reliability of the mean flow index (Mx) for assessing cerebral autoregulation in healthy volunteers

Olsen, M. H., Riberholt, C. G., Plovsing, R. R., Møller, K. & Berg, R. M. G., Jun 2021, In: *Physiological Reports*. 9, 12, e14923.

Early Orthostatic Exercise by Head-Up Tilt With Stepping versus Standard Care After Severe Traumatic Brain Injury Is Feasible

Riberholt, C. G., Olsen, M. H., Søndergaard, C. B., Gluud, C., Ovesen, C., Jakobsen, J. C., Mehlsen, J. & Møller, K., 14 Apr 2021, In: *Frontiers in Neurology*. 12, p. 626014 626014.

Reliability of the transcranial Doppler ultrasound-derived mean flow index for assessing dynamic cerebral autoregulation in healthy volunteers

Riberholt, C. G., Olsen, M. H., Skovgaard, L. T., Berg, R. M. G., Møller, K. & Mehlsen, J., Mar 2021, In: *Medical Engineering & Physics*. 89, p. 1-6 6 p.

Early head-up mobilisation versus standard care for patients with severe acquired brain injury: A systematic review with meta-analysis and Trial Sequential Analysis

Riberholt, C. G., Wagner, V., Lindschou, J., Gluud, C., Mehlsen, J. & Møller, K., 13 Aug 2020, In: *PLoS One*. 15, 8, e0237136.

Early orthostatic exercise in patients with severe traumatic or acquired brain injury

Riberholt, C. G., 2020, 330 p.

Early orthostatic exercise in patients with severe traumatic or acquired brain injury

Riberholt, C. G., 2020, København: Eget Forlag. 50 p.

Protocol for a scoping review study to identify and map treatments for dysphagia following moderate to severe acquired brain injury

Eskildsen, S. J., Jakobsen, D., Riberholt, C. G., Poulsen, I. & Curtis, D. J., 17 Jul 2019, In: *BMJ Open*. 9, 7, e029061.

Development of muscle contractures and spasticity during subacute rehabilitation after severe acquired brain injury: a prospective cohort study

Baagøe, S. K., Kofoed-Hansen, M., Poulsen, I. & Riberholt, C. G., 2019, In: *Brain Injury*. 33, 11, p. 1460-1466 7 p.

The effect of intensified nonverbal facilitation of swallowing on dysphagia after severe acquired brain injury: A randomised controlled pilot study

Jakobsen, D., Poulsen, I., Schultheiss, C., Riberholt, C. G., Curtis, D. J., Petersen, T. H. & Seidl, R. O., 2019, In: *NeuroRehabilitation*. 45, 4, p. 525-536 12 p.

Early mobilisation by head-up tilt with stepping versus standard care after severe traumatic brain injury - Protocol for a randomised clinical feasibility trial

Riberholt, C. G., Lindschou, J., Gluud, C., Mehlsen, J. & Møller, K., 8 Nov 2018, In: *Trials*. 19, 1, p. 612

Intravenous saline administration in patients with severe acquired brain injury and orthostatic intolerance for tilt-table mobilization

Riberholt, C., Olesen, N., Hovind, P., Mehlsen, J. & Petersen, T. H., 2018, In: *Brain Injury*. 32, 2, p. 252-256 5 p.

Impaired cerebral autoregulation during upright tilt in patients with severe brain injury

Hansen, C. R., Olesen, N., Thing, M., Juhl, C. B., Mehlsen, J. & Hvass Petersen, T., 19 May 2016. 1 p.

Impaired Cerebral Autoregulation during Head Up Tilt in Patients with Severe Brain Injury

Riberholt, C. G., Olesen, N. D., Thing, M., Juhl, C. B., Mehlsen, J. & Petersen, T. H., 2016, In: *PLoS One*. 11, 5, p. e0154831

CEREBRAL OXYGENATION DURING TILT IN SEVERE BRAIN INJURY

Riberholt, C. G., Olesen, N., Thing, M., Mehlsen, J. & Hvass Petersen, T., 27 May 2015.

Lokomat: Clinical training and experience in a neurorehabilitation hospital

Riberholt, C. G., 2014, *Replace, Repair, Restore, Relieve – Bridging Clinical and Engineering Solutions in Neurorehabilitation*. Jensen, W., Andersen, O. K. & Akay, M. (eds.). Springer International Publishing, Vol. 7. p. 137-138

Patients with severe acquired brain injury show increased arousal in tilt-table training

Riberholt, C. G., Thorlund, J. B., Mehlsen, J. & Nordenbo, A. M., 9 Dec 2013, In: *Danish Medical Bulletin (Online)*. 60, 12, p. A4739- 6 p.

Tilt-table training in patients with severe acquired brain injury admitted for sub-acute rehabilitation - A feasibility study.

Riberholt, C. G., Thorlund, J. B., Mehlsen, J. & Nordenbo, A. M., 2013.

Optimering af gangfunktion og trappegang

Hansen, C. R., 2012, *Neurorehabilitering i praksis*. Gad, p. 153-163 11 p.

Patienter med lavt vågenhedsniveau

Andersen, C. T. & Hansen, C. R., 2012, *Neurorehabilitering i praksis*. Gad, p. 121-130 10 p.