

LIST OF PUBLICATIONS

Nina Sundström (former Andersson)

Journal papers

1. Zeiler FA, Ercole A, Cabeleira M, Carbonara M, Stocchetti N, Menon DK, Smielewski P, Czosnyka M; CENTER-TBI High Resolution (HR ICU) Sub-Study Participants and Investigators. Comparison of Performance of Different Optimal Cerebral Perfusion Pressure Parameters for Outcome Prediction in Adult Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (**CENTER-TBI**) Study. *J Neurotrauma*. 2018 Dec 17.
2. Van Essen TA, den Boogert HF, Cnossen MC, de Ruiter GCW, Haitsma I, Polinder S, Steyerberg EW, Menon D, Maas AIR, Lingsma HF, Peul WC; CENTER-TBI Investigators and Participants. Variation in neurosurgical management of traumatic brain injury: a survey in 68 centers participating in the **CENTER-TBI** study. *Acta Neurochir (Wien)*. 2018 Dec 19.
3. Huijben JA, Volovici V, Cnossen MC, Haitsma IK, Stocchetti N, Maas AIR, Menon DK, Ercole A, Citerio G, Nelson D, Polinder S, Steyerberg EW, Lingsma HF, van der Jagt M; **CENTER-TBI investigators and participants**. Variation in general supportive and preventive intensive care management of traumatic brain injury: a survey in 66 neurotrauma centers participating in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) study. *Crit Care*. 2018 Apr 13;22(1):90.
4. **Sundström N**, Lagebrant M, Eklund A, Koskinen LO and Malm J. Subdural hematomas in 1846 patients with shunted idiopathic normal pressure hydrocephalus: treatment and long-term survival. *Journal of Neurosurgery*. 2018 Sep; 129(3):797-804.
5. Holmlund P, Eklund A, Koskinen LD, Johansson E, **Sundstrom N**, Malm J, et al. Venous collapse regulates intracranial pressure in upright body positions. *Am J Physiol Regul Integr Comp Physiol*. 2018 Mar 1;314(3):R377-R385.
6. Andrén K, Wikkelso C, **Sundström N**, Agerskov S, Israelsson H, Laurell K, Hellström P, Tullberg M. Long-term effects of complications and vascular comorbidity in idiopathic Normal Pressure Hydrocephalus. A quality registry study. *J Neurol*. 2018 Jan;265(1):178-186.
7. Maas AIR, Menon DK, Adelson PD, et. al. Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. *Lancet Neurol*. 2017 Dec;16(12):987-1048.
8. Cnossen MC, Huijben JA, van der Jagt M, et.al. Variation in monitoring and treatment policies for intracranial hypertension in traumatic brain injury: a survey in 66 neurotrauma centers participating in the CENTER-TBI study. *Crit Care*. 2017 Sep 6;21(1):233. doi: 10.1186/s13054-017-1816-9.
9. Huijben JA, van der Jagt M, Cnossen MC, et. al. Variation in blood transfusion and coagulation management in Traumatic Brain Injury at the Intensive Care Unit: A

survey in 66 neurotrauma centers participating in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) study. *J Neurotrauma*. 2017 Aug 21. doi: 10.1089/neu.2017.5194.

10. Brandstrom H, Sundelin A, Hoseason D, **Sundstrom N**, Birgander R, Johansson G, et al. Risk for intracranial pressure increase related to enclosed air in post-craniotomy patients during air ambulance transport: a retrospective cohort study with simulation. *Scand J Trauma Resusc Emerg Med*. 2017;25(1):50.
11. Bäcklund T, Frankel J, Israelsson H, Malm J, **Sundström N**. Trunk sway in idiopathic normal pressure hydrocephalus—Quantitative assessment in clinical practice. *Gait & posture*. 2017;54:62-70.
12. Cnossen MC, Lingsma HF, Tenovuo O. et.al. Rehabilitation after traumatic brain injury: A survey in 70 European neurotrauma centres participating in the CENTER-TBI study. *J Rehabil Med*. 2017 May 16;49(5):395-401. doi: 10.2340/16501977-2216.
13. **Sundström N**, Malm J, Laurell K, et al. Incidence and outcome of surgery for adult hydrocephalus patients in Sweden. *British journal of neurosurgery*. Feb 2017;31(1):21-27.
14. Cnossen MC, Polinder S, Lingsma HF, et al. Variation in Structure and Process of Care in Traumatic Brain Injury: Provider Profiles of European Neurotrauma Centers Participating in the CENTER-TBI Study. *PloS one*. 2016;11(8):e0161367.
15. **Sundström N**, Djerf L, Olivecrona Z, Koskinen LO. Postural stability in patients with chronic subdural hematoma. *Acta neurochirurgica*. Aug 2016;158(8):1479-1485.
16. Koskinen LO, Eklund A, **Sundström N**, Olivecrona M. Prostacyclin influences the pressure reactivity in patients with severe traumatic brain injury treated with an ICP-targeted therapy. *Neurocritical care*. Feb 2015;22(1):26-33.
17. Qvarlander S, **Sundström N**, Malm J, Eklund A. Postural effects on intracranial pressure: modeling and clinical evaluation. *Journal of applied physiology*. Nov 2013;115(10):1474-1480.
18. Malm J, **Sundström N**, Cesarini KG, et al. Implementation of a new CSF dynamic device: a multicenter feasibility study in 562 patients. *Acta neurologica Scandinavica*. Mar 2012;125(3):199-205.
19. Andersson K, **Sundström N**, Malm J, Eklund A. Effect of resting pressure on the estimate of cerebrospinal fluid outflow conductance. *Fluids and barriers of the CNS*. Mar 07 2011;8(1):15.
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24. **Andersson N**, Malm J, Backlund T, Eklund A. Assessment of cerebrospinal fluid outflow conductance using constant-pressure infusion--a method with real time estimation of reliability. *Physiological measurement*. Dec 2005;26(6):1137-1148.
25. Stephensen H, **Andersson N**, Eklund A, Malm J, Tisell M, Wikkelso C. Objective B wave analysis in 55 patients with non-communicating and communicating hydrocephalus. *Journal of neurology, neurosurgery, and psychiatry*. Jul 2005;76(7):965-970.
26. Lenfeldt N, **Andersson N**, Agren-Wilsson A, et al. Cerebrospinal fluid pulse pressure method: a possible substitute for the examination of B waves. *Journal of neurosurgery*. Dec 2004;101(6):944-950.
27. **Andersson N**, Grip H, Lindvall P, et al. Air transport of patients with intracranial air: computer model of pressure effects. *Aviation, space, and environmental medicine*. Feb 2003;74(2):138-144.
28. Eklund A, Agren-Wilsson A, **Andersson N**, Bergenheim AT, Koskinen LO, Malm J. Two computerized methods used to analyze intracranial pressure B waves: comparison with traditional visual interpretation. *Journal of neurosurgery*. Mar 2001;94(3):392-396.