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## Employment

**Department of Clinical Research**  
SDU  
31. Mar 2022 → 30. Jan 2024

### PhD Student

PhD student  
KI, OUH, Research unit of Anaesthesiology and Intensive Care (Odense)  
SDU  
1. Jan 2017 → 31. Dec 2022

### Ph.d. Studerende

KI, OUH, Research unit of Anaesthesiology and Intensive Care (Odense)  
SDU  
31. Mar 2022 → 30. Jan 2024

### Akutmåge, Lægebil Kolding

1. Jan 2018 → present

### Staff specialist, Department of Anesthesiology and Intensive care

1. Sep 2017 → present

## Research outputs

### Cerebral microdialysis after cardiac arrest – Misinterpretations based on a misconception

Nordstrøm, C. H., Jakobsen, R., Mølstrøm, S. & Nielsen, T. H., Dec 2021, In: Resuscitation. 169, p. 227-228

### Hemodynamic evaluation by serial right heart catheterizations after cardiac arrest; protocol of a sub-study from the Blood Pressure and Oxygenation Targets after Out-of-Hospital Cardiac Arrest-trial (BOX)

Grand, J., Hassager, C., Schmidt, H., Møller, J. E., Mølstrøm, S., Nyholm, B. & Kjaergaard, J., Dec 2021, In: Resuscitation Plus. 8, 100188.

### Bedside microdialysis for detection of early brain injury after out-of-hospital cardiac arrest

Mølstrøm, S., Nielsen, T. H., Nordstrøm, C. H., Forsse, A., Möller, S., Venö, S., Mamaev, D., Tencer, T., Schmidt, H. & Toft, P., 5. Aug 2021, In: Scientific Reports. 11, 15871.

**Cerebral venous blood is not drained via the internal jugular vein in the pig**

Nordström, C. H., Jakobsen, R., Mølstrøm, S. & Nielsen, T. H., May 2021, In: Resuscitation. 162, p. 437-438

**A Prospective Observational Feasibility Study of Jugular Bulb Microdialysis in Subarachnoid Hemorrhage**

Forsse, A., Nielsen, T. H., Mølstrøm, S., Hjelmberg, J. V. B., Stokbro, K., Nygaard, K. H., Yilmaz, S., Nordström, C-H. & Rom Poulsen, F., Aug 2020, In: Neurocritical Care. 33, 1, p. 241-255

**Moderately prolonged permissive hypotension results in reversible metabolic perturbation evaluated by intracerebral microdialysis - an experimental animal study**

Peter Jakobsen, R., Nielsen, T. H., Mølstrøm, S., Nordström, C-H., Granfeldt, A. & Toft, P., 4. Dec 2019, In: Intensive Care Medicine Experimental. 7, 13 p., 67.

**Bedside microdialysis assessment of brain injury after cardiac arrest**

Mølstrøm, S., Nielsen, T. H., Nordstrøm, C. H., Veno, S., Tencer, T., Møller, S., Schmidt, H. & Toft, P., Sep 2019, In: Acta Anaesthesiologica Scandinavica. 63, 8, p. E5 1 p.

**Design paper of the "blood pressure targets in post-resuscitation care and bedside monitoring of cerebral energy state: A randomized clinical trial"**

Mølstrøm, S., Nielsen, T. H., Nordstrøm, C. H., Hassager, C., Møller, J. E., Kjærgaard, J., Möller, S., Schmidt, H. & Toft, P., 10. Jun 2019, In: Trials. 20, 10 p., 344.

**Bedside Monitoring of Cerebral Energy State During Cardiac Surgery: A Novel Approach Utilizing Intravenous Microdialysis**

Mølstrøm, S., Nielsen, T. H., Andersen, C., Nordstrøm, C. H. & Toft, P., 2017, In: Journal of Cardiothoracic and Vascular Anesthesia. 31, 4, p. 1166-1173

**Normotensive sodium loading in conscious dogs: Regulation of renin secretion during beta receptor blockade**

Bie, P., Mølstrøm, S. & Wamberg, S., 2009, In: American Journal of Physiology: Regulatory, Integrative and Comparative Physiology. 296, 2, p. R428-R435

**Normotensive sodium loading in normal man: Regulation of renin secretion during beta-receptor blockade**

Mølstrøm, S., Larsen, N. H., Simonsen, J. A., Washington, R. & Bie, P., 10. Dec 2008, In: American Journal of Physiology: Regulatory, Integrative and Comparative Physiology. 296, 2, p. R436-345 9 p.