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## Research profile

Research with focus on clinical research and basic pain neuroscience.

Basic research:

- Neurophysiological characteristics of chronic pain following stroke and in complex regional pain syndrome (CRPS)

Clinical research:

- Rehabilitation following pulmonary embolism
- Rehabilitation following heart surgery

## Employment

### Aalborg University Hospital

The Faculty of Medicine

1 Sept 2021 → present

### PhD Fellow

PhD Fellow

Department of Health Science and Technology

The Faculty of Medicine

Gistrup, Denmark

1 May 2024 → 31 Dec 4712

### The Faculty of Medicine

Gistrup, Denmark

1 Sept 2021 → present

### PhD Fellow

PhD Fellow

The Faculty of Medicine

Gistrup, Denmark

1 May 2024 → 31 Dec 4712

### PhD Fellow

PhD Fellow

Pain and Motor System Plasticity

The Faculty of Medicine

Gistrup, Denmark

1 May 2024 → 31 Dec 4712

### Center for Neuroplasticity and Pain

The Faculty of Medicine

Aalborg East, Denmark

1 May 2024 → present

### **Physiotherapist**

Department of Physiotherapy and Occupational Therapy

The Faculty of Medicine

1 Sept 2021 → present

## **Research outputs**

### **Psychometric properties of patient-related outcome measures used for patients surviving a pulmonary embolism: A systematic review**

Ingemann-Molden, S., Caspersen, C. K., Rolving, N., Højen, A. A., Klok, F. A., Grove, E. L. & Andreasen, J., Jan 2026, In: *Thrombosis Research*. 257, 10 p., 109543.

### **Psychometric properties of patient-related outcome measures used for patients surviving a pulmonary embolism event – a systematic review**

Ingemann-Molden, S., Caspersen, C. K., Rolving, N., Højen, A. A., Klok, F. A., Grove, E. L. & Andreasen, J., May 2025.

### **Motor Cortical Excitability and Connectivity Metrics by TMS Coupled to Electroencephalography or Electromyography in Complex Regional Pain Syndrome**

Ingemann-Molden, S., Apr 2025, *Abstract Book 14th Congress of The European Pain Federation EFIC : Comorbidity of Chronic Pain and Mental Health Disorders: Breaking the Cycle*. p. 194-195

### **Comparison of important factors to patients recovering from pulmonary embolism and items covered in patient-reported outcome measures: A mixed-methods systematic review**

Ingemann-Molden, S., Caspersen, C. K., Rolving, N., Højen, A. A., Klok, F. A., Grove, E. L., Brocki, B. C. & Andreasen, J., Jan 2024, In: *Thrombosis Research*. 233, p. 69-81 13 p.

### **Difference in postural stability between STarT Back Tool subgroups of patients with low back pain under conditions of sensory deprivation and cognitive load**

Ingemann-Molden, S., Pessoto Hirata, R., Bach Jensen, M., Graven-Nielsen, T. & Riis, A., Jul 2022, In: *The Journal of International Medical Research*. 50, 7, 11 p.

## **Datasets**

### **Difference in postural stability between STarT Back Tool subgroups of patients with low back pain under conditions of sensory deprivation and cognitive load**

Ingemann-Molden, S. (Creator), Pessoto Hirata, R. (Creator), Bach Jensen, M. (Creator), Graven-Nielsen, T. (Creator) & Riis, A. (Creator), Sage Journals, 2022

DOI: 10.25384/sage.c.6109114,

[https://sage.figshare.com/collections/Difference\\_in\\_postural\\_stability\\_between\\_STarT\\_Back\\_Tool\\_subgroups\\_of\\_patients\\_with\\_low\\_back\\_pain\\_under\\_conditions\\_of\\_sensory\\_deprivation\\_and\\_cognitive\\_load/6109114](https://sage.figshare.com/collections/Difference_in_postural_stability_between_STarT_Back_Tool_subgroups_of_patients_with_low_back_pain_under_conditions_of_sensory_deprivation_and_cognitive_load/6109114)