

## Research profile

My research niche is the development and implementation of telemedicine solutions and digital health technologies that promote prevention and management of chronic diseases through co-creation. With a particular focus on collaboration with clinicians and patients, I aim to explore how technologies can be designed and adapted to enhance efficiency and patient empowerment. My research seeks to create solutions that give patients greater control over their own health and easier access to treatment, ultimately contributing to better disease prevention and health outcomes. More information: <https://www.linkedin.com/in/pernillesecher/>

## Qualifications

University Pedagogy for Assistant Professors at Aalborg University, HOW TO FACILITATE AND MAINTAIN PROBLEM-BASED LEARNING IN CASE SESSIONS AT THE BACHELOR OF MEDICINE? AP REPORT, Department of Health Science and Technology

1 Jan 2019 → 19 Dec 2019

Award Date: 19 Dec 2019

Medical Informatics, PhD (Doctor of philosophy), Evaluation of a telehealthcare intervention for patients with COPD (health- and patient-related evaluation of the Danish TeleCare North trial) , Department of Health Science and Technology

1 Mar 2013 → 26 Oct 2016

Award Date: 26 Oct 2016

Clinical Science and Technology, MSc (Master of Science), Stratification of patients with heart diseases to E-rehabilitations plan, Department of Health Science and Technology

1 Sept 2010 → 30 Jun 2012

Award Date: 30 Jun 2012

Nursing Education, Prof. bach. degree In Nursing , Being in the world with fibromyalgia - can we learn to live with it?, University College of Northern Denmark

1 Feb 2007 → 9 Jun 2010

Award Date: 30 Jun 2010

## Employment

### Associate Professor, Nursing Science

Associate Professor, Cand.cur

Department of Health Science and Technology

The Faculty of Medicine

Gistrup, Denmark

1 Mar 2013 → 31 Dec 4712

### Associate Professor, Nursing Science

Associate Professor, Cand.cur

The Faculty of Medicine

Gistrup, Denmark

1 Mar 2013 → 31 Dec 4712

### Associate Professor, Nursing Science

Associate Professor, Cand.cur

Medical Informatics and Image Analysis

The Faculty of Medicine

Gistrup, Denmark

1 Mar 2013 → 31 Dec 4712

### University College of Northern Denmark

Aalborg, Denmark

1 Apr 2023 → 1 Apr 2025

## Research outputs

Usability Evaluation of a Web-Based Remote Patient Monitoring Application: An Ongoing Study

Secher, P. H., Egmosse, J., Hejlesen, O. & Hangaard, S., 22 Aug 2024, *Digital Health and Informatics Innovations for Sustainable Health Care Systems*. IOS Press, Vol. 316. p. 125-126 2 p. (Studies in Health Technology and Informatics , Vol. 316).

**Clinical implementation of an algorithm for predicting exacerbations in patients with COPD in telemonitoring: a study protocol for a single-blinded randomized controlled trial**

Secher, P. H., Hangaard, S., Kronborg, T., Hæsum, L. K. E., Udsen, F. W., Hejlesen, O. & Bender, C., 26 Apr 2022, In: *Trials*. 23, 1, 356.

**Telehealthcare for patients suffering from chronic obstructive pulmonary disease: effects on health-related quality of life: results from the Danish 'TeleCare North' cluster-randomised trial**

Lilholt, P. H., Witt Udsen, F., Ehlers, L. & Hejlesen, O. K., 2017, In: *BMJ Open*. 7, 5, 14 p., e014587.

**An iterative, mixed usability approach applied to the Telekit system from the Danish TeleCare North trial**

Lilholt, P. H., Schaarup, C. & Hejlesen, O. K., 2016, In: *International Journal of Telemedicine and Applications*. 2016, 13 p., 6351734.

**Evaluation of a Telehealthcare Intervention for Patients with COPD: health- and patient-related evaluation of the Danish telecare north trial**

Lilholt, P. H., 2016, Aalborg Universitetsforlag. 101 p.

**Specific technological communication skills and functional health literacy have no influence on self-reported benefits from enrollment in the TeleCare North trial**

Lilholt, P. H., Hæsum, L. K. E., Ehlers, L. H. & Hejlesen, O. K., 2016, In: *International Journal of Medical Informatics*. 91, p. 60-66

**Exploring user experience of a telehealth system for the Danish TeleCare North trial**

Lilholt, P. H., Hæsum, L. K. E. & Hejlesen, O., 2015, *Digital Healthcare Empowering Europeans: Proceedings of MIE2015, 27-29 May 2015, Madrid, Spain*. Cornet, R., Stoicu-Tivadar, L., Hörbst, A., Calderón, C. L. P., Andersen, S. K. & Hercigonja-Szekeres, M. (eds.). IOS Press, p. 301-305 (Studies in Health Technology and Informatics; No. 210).

**Heuristic evaluation of a telehealth system from the Danish TeleCare North Trial**

Lilholt, P. H., Jensen, M. H. & Hejlesen, O., 2015, In: *International Journal of Medical Informatics*. 84, 5, p. 319-326

**User satisfaction and experience with a telehealth system for the Danish TeleCare North Trial: a think-aloud study**

Lilholt, P. H., Heiden, S. & Hejlesen, O., 2014, *e-Health - for Continuity of Care: Proceedings of MIE2014, 31 August-3 September 2014, Istanbul, Turkey*. Lovis, C., Séroussi, B., Hasman, A., Pape-Haugaard, L., Saka, O. & Andersen, S. K. (eds.). IOS Press, p. 900-904 (Studies in Health Technology and Informatics; No. 205).

**A heuristic evaluation of a telehealth solution from the Danish TeleCare North large scale randomized trial**

Lilholt, P. H., Jensen, M. H. & Hejlesen, O., 2013, *Scandinavian Conference on Health Informatics 2013, 20 August 2013, Copenhagen, Denmark*. Bellika, G., Bygholm, A., Dencker, M., Fossum, M., Galster, G., Hartvigsen, G., Hejlesen, O., Karlsson, D., Koch, S. & Moe, C.-E. (eds.). Linköping University Electronic Press, p. 93 (Linköping Electronic Conference Proceedings; No. 91).

## Press/Media

**TeleCare Nord ønsker tillykke til ny PhD**

Lilholt, P. H.

31/10/2016

1 item of Media coverage

## Datasets