

Advances in Health Care Science Conference 2024

Poster Session Program for November 14

10:45–12:00 **Poster Session 1**

Room 101 **Digital Applications in Lifestyle Education and Interventions**

Moderators: Eric Asaba and Cecilia Johnsson

- **Stephanie Bonn:** App user engagement of a smartphone-delivered dietary education intervention among persons with type 2 diabetes
- **Klara Drake af Hagelsrum:** Experiences of using a mobile health service to support healthy lifestyle habits among people with type 2 diabetes
- **Linnea Sjöblom:** The effect of an app-based dietary education on dietary intake and cardiometabolic markers in persons with type 2 diabetes
- **Adina König:** From App to Action: Exploring a Mobile Health's Feasibility in a Population Living in Low Socioeconomic Areas
- **Divya Anna Stephen:** Digital health technology for self-care: Perceptions of adults with type 1 diabetes

Room 103 **Supporting Recovery through Pre- and Post-Operative Care**

Moderators: Maria Hagströmer and Peter Lindberg

- **Johanna Danielsson:** The effect of preoperative exercise on postoperative outcomes in older patients undergoing colorectal cancer surgery
- **Simon Torikka:** Association between preoperative physical function and postoperative recovery after radical cystectomy for bladder cancer
- **Ernad Zecevic:** Enhanced Continuity of Postoperative care for Older persons in their Neurocognitive recovery after cardiac surgery
- **Julia Engström Sid:** CANOPTIPHYS: Optimizing preoperative physical function in older persons undergoing abdominal cancer surgery
- **Anahita Amirpour:** Neurocognitive recovery after hip replacement surgery: objective performance and patient experiences – a mixed methods study

Room 112 Understanding and Supporting Mental Health and Wellbeing

Moderators: *Andreas Rödlund and Lina Bergman*

- **Camilla Långstedt:** What are patients' and nurses' perceptions of physical health screening for patients with schizophrenia spectrum disorders
- **Vera Atarodi:** Internalizing symptoms in adolescence and difficulties in working life: the role of genetic and environmental factors
- **Moa Warnström:** Digital cognitive-behavior therapy for obsessive-compulsive disorder in autistic youth: Protocol of a randomized trial
- **Rafaela Espírito Santo:** Cardiovascular health behaviors on mental health and well-being in adolescents from Baltic countries
- **Martina Nanteza:** Incidence and prevalence of comorbidity between function-limiting musculoskeletal problems and psychological distress

13:15–14:30 Poster Session 2

Room 101 Health Promotion in Children and Adolescents

Moderators: *Alona Rauckiene-Michaelsson and Vera Atarodi*

- **Jhon Alvarez Ahlgren:** Success factors for implementation of a health promotion and obesity prevention intervention in schools: A qualitative study
- **Maria Lundgren:** Implementation of a mHealth obesity prevention program within Swedish child healthcare: The MINISTOP 3.0 trial
- **Geiziane Melo:** Is Body Image Associated with Feeling Low in Children and Adolescents? A Mixed Models Approach
- **Sara Andersson:** Child Health Service-nurses' clinical decision-making based on children's needs
- **Vera Wachtmeister:** Children with parents in prison; a collaborative development of an intervention to promote psychosocial health

Room 103 Interventions in Stroke Prevention and Support

Moderators: *Kristina Rooth and Nathalie Frisendahl*

- **Hanna Lagerlund:** User engagement in a novel mHealth physical activity programme for people post-stroke or transient ischemic attack
- **Kajsa Söderhielm:** Person-centredness in the context of digital support for rehabilitation after stroke
- **Cecilia Johnsson:** Make My Day – Stroke Prevention through participation in health-promoting engaging everyday activities

- **Charlotte Thurston:** mHealth delivered physical activity for people post stroke or transient ischaemic attack. Is it feasible and acceptable?
- **Kristin Norefors:** Family support and engagement during and after a lifestyle-based intervention for persons at risk for stroke

Room 112 **New Instruments and Methods in Health Care Science**

Moderators: Elisabeth Rydwick and Melissa Kotte

- **Andreas Rödlund:** The mechanisms of a multifaceted implementation strategy on fidelity to a guideline for the prevention of mental ill health
- **Anna Möllerstrand:** Evaluation of a self-reported questionnaire assessing resilience in a Swedish random sample of 16–30-year-olds
- **Björn Sundström:** Feasibility of functional near-infrared spectroscopy to measure cortical brain activity during complex walking tasks
- **Johanna Dahlén:** Utility of the Strengths and Difficulties Questionnaire in identifying preschool children at risk of psychiatric disorder

16:00–17:15 Poster Session 3

Room 101 **Safety and Support in Preconception and Obstetric Care**

Moderators: Paula Routier Cañigueral and Hannakaisa Niela-Vilén

- **Jaana Lojander:** Safety of obstetric care: evidence from obstetric claims reported to the patient insurance registry
- **Khathutshelo Simane-Netshisaulu:** Effective transition support – the core of quality midwifery care: A concept analysis
- **Ntombozodwa Ndou:** Factors Related to the Implementation of Preconception Care Recommendations
- **Thivhulawi Malwela:** Implementation of Preconception Care in Southern African Countries

Room 103 **Addressing Modern Challenges in Healthcare Delivery**

Moderators: Nazmije Kelmendi and Ulrica Nilsson

- **Cecilia Krüger:** Educational intervention for safe and appropriate prescribing of opioids in primary care: a randomized control trial
- **Fredrik Borg:** The effects of open-label placebo in chronic musculoskeletal pain: a systematic review and meta-analysis
- **Jenny Wrackefeldt:** Information about treatment options – patient involvement and treatment satisfaction
- **Carl Hallberg:** Mapping of respiratory problems after COVID-19

Poster Session Program for November 15

09:00–10:15 **Poster Session 4**

Room 101 **Developments in Care Science Research in Cancer**

Moderators: Alexandra Wide and Anna Jervaeus

- **Melissa Kotte:** The experience of a live-remote exercise intervention after treatment for cancer
- **Nazmije Kelmendi, Kristina Rooth:** To support patients with cancer after treatment – challenges when developing and evaluating complex interventions
- **Patrick Ristau:** How cancer is experienced nowadays: Are the established illness trajectories outdated?
- **Paula Routier Cañiguera:** Satisfaction with Life-Prolonging Treatments in Patients with Metastatic Castration-Resistant Prostate Cancer
- **Melissa Jakobsson:** Communication over language barriers in Nordic paediatric oncology care

Room 103 **Exercise to Improve Health Outcomes**

Moderators: Cecilia Krüger and Susanne Guidetti

- **Peter Lindberg:** Isometric compared to Dynamic Exercise on bone strength among older women with high fracture risk
- **Stefan Bohlin:** Career Prevalence of Concussion among Adolescent Female and Male Handball Players: A Cross-Sectional Study
- **Wim Grooten:** Exercise compliance does not influence outcomes in knee osteoarthritis – secondary analysis of a randomized controlled trial
- **Johanna Bylinder:** Evaluation and experiences of the train-the-trainer program for group leaders in the RCT Fewer Falls in MS
- **Ulrika Meijer:** Feasibility and outcome of Fewer Falls in Multiple Sclerosis: a parallel group randomized pilot study

Room 112 **Improving Independence and Support for Ageing Patients**

Moderators: Kajsa Söderhielm and Linda Timm

- **Rosalind Pfaff:** Geriatric clinical clusters during hospitalization and readmission patterns: a Swedish cohort study
- **Maria Hansson:** Independence when ageing in place
- **Åsa Olsson:** Proactive end-of-life conversations in nursing homes – perspectives from residents and family members
- **Aber Sharon Kagwa:** Providing and receiving support through a tailor-made mobile app: a qualitative study on

experience of professionals and family caregivers to persons with dementia

- **Sakura Sakakibara:** Formal and informal care use before, during, and after detection of cognitive impairment and dementia

10:45–12:00 Poster Session 5

Room 101 Improving Physical Activity and Function in Older Adults

Moderators: Sharon Kagwa and Staffan Josephsson

- **Kristina Dalin Eriksson:** Older patients' experience of physical activity before and during hospitalization – A qualitative interview study
- **Caroline Lager:** Association between movement patterns and cardiovascular events in older adults: a prospective cohort study
- **Nathalie Frisendahl:** Healthcare professionals' views of barriers and facilitators for implementing a fall risk screening tool
- **Karin Högstedt:** Content and strategies used in home rehabilitation to support older people's independence and abilities in daily living
- **Jeppe Grabov Phillip:** The utilization of muscle ultrasound for the detection of older adults with decreased physical function: a scoping review

Room 103 Ethics and Healthcare Organization

Moderators: Ann Langius-Eklöf and Adina König

- **Shumaila Batool:** Ethical contemplations: patient and public involvement in randomized controlled trials within cancer care research
- **Anu Jokinen:** Encountered ethical issues of eHealth services
- **Daniel Söderberg:** Visit Experience and Fulfillment of Care Needs in Primary Care Differs for Video Visits Compared to In-person and Chat Visits