**Title page**

**“Development and psychometric testing of the health sciences generic competence (HealthGenericCom) instrument: A cross-sectional study”**

**Author names:**

(Corresponding Author)

Sari, Pramila-Savukoskia, MHSc, Doctoral candidate,

Tel: +358 40 5772517

Email: [sari.pramila-savukoski@oulu.fi](mailto:sari.pramila-savukoski@oulu.fi)

Twitter: @sari\_pramila

ORCID: https://orcid.org/0000-0001-6590-1174

Heli-Maria Kuivilaa , MHSc, Doctoral candidate,

Email: [heli-maria.kuivila@oulu.fi](file:///\\Users\tilliruzmarin\Dropbox\ABA\heli-maria.kuivila@oulu.fi%E2%80%AF)

ORCID: <https://orcid.org/0000-0001-8639-7640>

Jonna, Juntunena, MHSc, Doctoral candidate,

Email: [jonna.juntunen@oulu.fi](file:///\\Users\tilliruzmarin\Dropbox\ABA\jonna.juntunen@oulu.fi%E2%80%AF)

ORCID: <https://orcid.org/0000-0003-3195-8265>

Miro, Koskenrantaa, PhD,

Email: [miro.koskenranta@oulu.fi](file:///\\Users\tilliruzmarin\Dropbox\ABA\jonna.juntunen@oulu.fi%E2%80%AF)

ORCID: <https://orcid.org/0000-0001-7842-2703>

Erika, Jarvaa, MHSc, Doctoral candidate,

Email: [erika.jarva@oulu.fi](file:///\\Users\tilliruzmarin\Dropbox\ABA\jonna.juntunen@oulu.fi%E2%80%AF)

ORCID: <https://orcid.org/0000-0001-6860-4319>

Anna-Maria, Tuomikoskib, PhD,

Email:[annukka.tuomikoski@ppshp.fi](mailto: annukka.tuomikoski@ppshp.fi)

ORCID: <https://orcid.org/0000-0001-9387-9058>

Hammarén, Miraa, Doctoral candidate,

Email:[mira.hammaren@oulu.fi](mailto:mira.hammaren@oulu.fi)

ORCID: <https://orcid.org/0000-0002-2132-9812>

Kristina Mikkonena,c, PhD, Professor,

Email: [kristina.mikkonen@oulu.fi](mailto:kristina.mikkonen@oulu.fi)

Twitter: @Kristinamikkon

ORCID: https://orcid.org/0000-0002-4355-3428

a Faculty of Medicine, Research Unit of Health Sciences and Technology, University of Oulu, Finland.

Mailing address:

Faculty of Medicine, Research Unit of Health Science and Technology, University of Oulu, Aapistie 5A, P.O. Box 5000, FI-90014, Finland

bThe wellbeing services county of North Ostrobothnia, Oulu University Hospital, Oulu, Finland.

Kajaanintie 50, FI-90220 Oulu, Finland

cMedical Research Center Oulu, Oulu University Hospital and University of Oulu, Oulu, Finland. Kajaanintie 50, FI-90220 Oulu, Finland

**CrediT authorship contribution statement**

**Conception and design of the study;** Sari Pramila-Savukoski, Heli-Maria Kuivila, Jonna Juntunen, Miro Koskenranta, Erika Jarva, Anna-Maria Tuomikoski, Mira Hammarén, Kristina Mikkonen.

**Data collection;** Sari Pramila-Savukoski, Heli-Maria Kuivila, Kristina Mikkonen.

**Analysis and interpretation of data:** Sari Pramila-Savukoski, Kristina Mikkonen

**Writing the manuscript;** Sari Pramila-Savukoski.

**Critical revision of the manuscript;** Sari Pramila-Savukoski, Heli-Maria Kuivila, Jonna Juntunen, Miro Koskenranta, Erika Jarva, Anna-Maria Tuomikoski, Mira Hammarén, Kristina Mikkonen.

**Statistical expertise:** Sari Pramila-Savukoski, Kristina Mikkonen

**Supervision:** Kristina Mikkonen.

## ****Data availability statement****

All data generated during this study are included in this published article.

## Ethics approval and consent to participate

The Dean of the University of Oulu provided a statement (11.1.2022) that the planned research was ethically acceptable. Ethical statement of ethical committee was not required according to Finnish data protraction act: <https://www.oulu.fi/en/university/faculties-and-units/eudaimonia-institute/ethics-committee-human-sciences>. The study has followed ethical principles involving human subjects and the written consents of the participants have been gotten (Declaration of Helsinki, 2013).

# Funding sources

# No external funding.

**Conflict of Interest**

None.