

Social and health care worker's OSH in client's home through work system framework

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Background – home care sector

Services are increasingly brought to care recipients' homes

Care recipients'
homes are
challenging as
workplaces

Employer's ability
to influence
working
conditions and
work in homes is
limited

Varying conditions, many safety hazards and risks

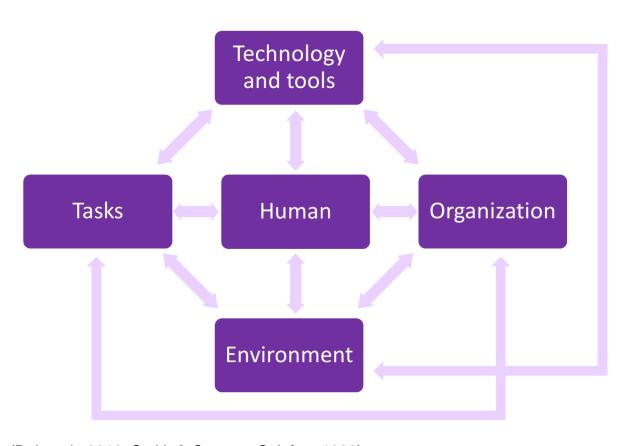
(e.g. Eurostat, 2019; Galinsky et al., 2001; Denton et al., 2002; Merryweather et al., 2018; Tarricone & Tsouros, 2008)



→ Contribute to previous discussion by identifying OSH issues through a work system framework



Human factors and ergonomics (HF/E)



- Aims to understand interactions among humans and other system elements (Dul et al., 2012; IEA, 2020; Smith & Carayon-Sainfort, 1989)
- The interactions between various subsystems can be of a physical, cognitive, and psychosocial nature and at different levels, from microergonomics to macroergonomics issues (Carayon, 2006)
- Main focus on prevention and proactivity

(Dul et al., 2012; Smith & Carayon-Sainfort, 1989)

Materials and methods

Survey

- \cdot n = 160
- Employment relationship
- Permanent 118 (74%)
- Other 42 (26%)
- Gender
- Female 136 (85%)
- Male 23 (14%)
- Other 1 (1%)
- Age
- 20–30 years 17 (11%)
- 31–40 years 28 (18%)
- 41–50 years 24 (15%)
- 51–60 years 43 (27%)
- 61 years and over 48 (30%)

Interviews

- 55 interviews
- 98 interviewees
- Teams, face-to-face, phone
- Individual interviews (n = 34), group interviews (n = 21)
- Average: 45 minutes (± 16)

Workshops

- 9 workshops
- 36 participants

Results

Assistive equipment and work tools

Physical ergonomics

Technology and tools

Safety orientation, guidance, and instructions

Organization of work

Threats of physical and psychosocial violence

Education

How the employee calls for and receives help in emergency situations

Tasks

Human

Organization

Psychosocial, mental, and ethical loads

Filming employees

Information about customer

Environment

Making sure that employees leave their customer visits safely

> Psychosocial, mental, and ethical loads

The home as a working environment



Discussion

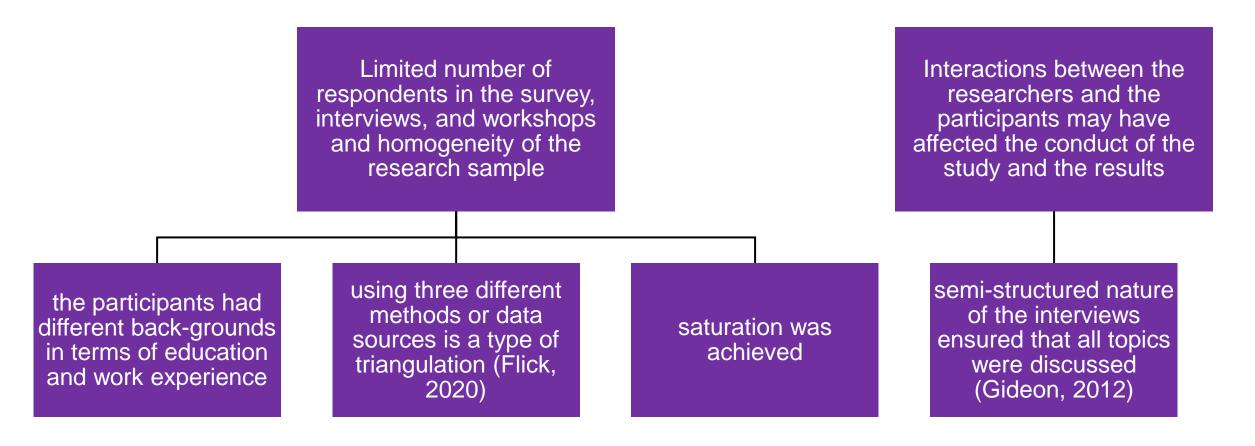
- A wide variety of OHS development needs
 - Organization highlighted

→ There is a need for professionals who can utilize HF/E theory, principles, and standards as part of their daily work





Limitations





Conclusions



Health and social care workers have many risks

Related to organization, lack of information about the client, and scheduling the working day were identified

Related to tasks, workers are asked to perform tasks outside their job description

Related to tools and technologies, workers may not have proper tools especially



Further research is required to develop effective intervention programs and make working conditions more desirable

Traditional solutions may not be applicable

Preventive measures, risk assessments, and the participation of all parties (including employers, employees, customers, customers' relatives, and the government)



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