



# LUND UNIVERSITY

## OpDesign - A study of the working environment in an operating unit (poster)

Johansson, Gerd; Rydenfält, Christofer; Hemphälä, Hillevi; Löndahl, Jakob; Odenrick, Per; Larsson, Per-Anders; Åkerman, Kristina; Arvidsson, Inger; Gremark-Simonsen, Jenny; Nordander, Catarina

2014

[Link to publication](#)

### *Citation for published version (APA):*

Johansson, G., Rydenfält, C., Hemphälä, H., Löndahl, J., Odenrick, P., Larsson, P.-A., Åkerman, K., Arvidsson, I., Gremark-Simonsen, J., & Nordander, C. (2014). OpDesign - A study of the working environment in an operating unit (poster).

### *Total number of authors:*

10

### **General rights**

Unless other specific re-use rights are stated the following general rights apply:

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

Read more about Creative commons licenses: <https://creativecommons.org/licenses/>

### **Take down policy**

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

LUND UNIVERSITY

PO Box 117  
221 00 Lund  
+46 46-222 00 00





A STUDY OF THE  
WORKING ENVIRONMENT  
IN AN OPERATING UNIT

**Aims:**

To identify organizational and psychosocial factors, as well as factors in the physical environment, and examine how these affect the work environment of the operating unit.

**Methods:**

Both quantitative and qualitative, including measurements of physical parameters, video observations, surveys, interviews and estimation scales.

**New knowledge acquired in several problem areas:**

Teamwork and management of work  
Methodology for organizational development and innovation  
Patient safety  
Operating room lighting  
Musculoskeletal problems  
Ventilation and diffusion of airborne particles

**Past**

Interview study regarding informants reports of past events, facilitated by visualization.

**Present**

Studies of phenomenon as they appear in their actual setting, through video observation, measurements of physical, psychosocial and visual ergonomics.

**Future**

Testing participative action oriented methods intended to develop new ways of working.  
  
Improved physical environments.