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

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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 aquired in several problem areas:

Teamwork and management of work
Methodology for organizational development and innovation
Patient safety
Operating room lighting
Muscoloskeletal 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.