

Evaluation of the implementation of digital imaging in an x-ray department, 2001-2003 - After

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Associated documentation

0833-001KB.pdf (1 MB)

0833-002KB.pdf (512 KB)

0833Eq.pdf (453.6 KB)

0833Fq.pdf (736.19 KB)

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Creator/Principal investigator(s)

Lars Lindbeck - National Institute for Working Life, Work Organisation and Health in Human Services

Research principal

[Arbetslivsinstitutet](#) - Work and Health

Description

The digitalisation of the hospital Södersjukhuset in Stockholm caused a coordination of the radiology department of Sachska children's hospital, the unit for nuclear medicine at the department of Hospital Physics and the Physiological clinic to 'BildDiagnostiskt Centrum' (BDC) in connection to the emergency room. The radiology and picture activities are since the spring of 2002 gathered in new premises. The new department has changed the work organisation and the work spent on computer related work. The working conditions at the radiology department were studied with the aid of questionnaires and observations before and after the reform. The planning and introduction of the reform, the involvement of the employees, the setup of work in the new department and the employees' abilities to affect their work situation were studied at information meetings and at interviews with the staff management and the employees, both in groups and individually. The performed reform has brought many work environmental improvements, both regarding physical developments and mental and psychosocial relations. There was a satisfaction with the new system and the users felt confident with the techniques. The employees found the work interesting and more stimulating than before and they enjoyed the company of their fellow employees. The work related stress seemed to have been reduced, so had the work load, even though the work load and stress still were demanding. To judge by the interviews, the department still could not use their full capacity at the time of the follow-up in 2003, why the work load might supposedly increased later on. Head ache and ache in the locomotive organs still remarkably comprising. The biggest discontents with the physical work environment were the ventilation and bad light conditions. The lack of daylight was experienced as very disturbing and so was that the work at the work stations was made in relative darkness. Other negative effects of the reform were isolation and the increased feeling of territory-mindedness among the job types.

Purpose:

The aim of the study was to examine how changes associated with the establishment of BildDiagnostiskt Centrum (BDC) affected the staff working conditions.

Data contains personal data

No

Language

[Swedish](#)

Unit of analysis

[Individual](#)

Population

Personal från röntgenavdelningen på Södersjukhuset Stockholm.

Time Method

[Longitudinal: Cohort/Event-based](#)

Time period(s) investigated

2001 - 2003

Variables

228

Number of individuals/objects

170

Data format / data structure

[Numeric](#)

Geographic spread

Geographic location: [Sweden](#), [Stockholm County](#)

Responsible department/unit

Work and Health

Contributor(s)

Stockholm South General Hospital

Research area

[Working conditions](#) (CESSDA Topic Classification)

[Medical and health sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Occupational health and environmental health](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

[General health and well-being](#) (CESSDA Topic Classification)

[Labour and employment](#) (CESSDA Topic Classification)

Keywords

[Signs and symptoms](#), [Radiography](#), [Work](#), [Workload](#), [Workplace](#), [Computers](#), [Headache](#), [Nuclear medicine](#), [Organizational innovation](#), [Pain](#), [Stress, psychological](#), [Occupations](#), [Working conditions](#)

Accessibility level

Access to data through SND

Data are accessible by order

Use of data

[Things to consider when using data shared through SND](#)

Versions

Version 2.0. 2013-11-15

[Version 1.0](#). 2006-01-01

Related research data in SND's catalogue

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