

Hva vet vi egentlig om hva som fungerer?

Forskning om tiltak på arbeidsplassen for å redusere sykefraværet

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Konvensjonell visdom: Arbeid er bra for helsen

Men:
Pensjonering kan
bedre subjektiv
helse hvis
arbeidsforholdene
oppfattes som
dårlige

Westerlund et al, The Lancet, 2009

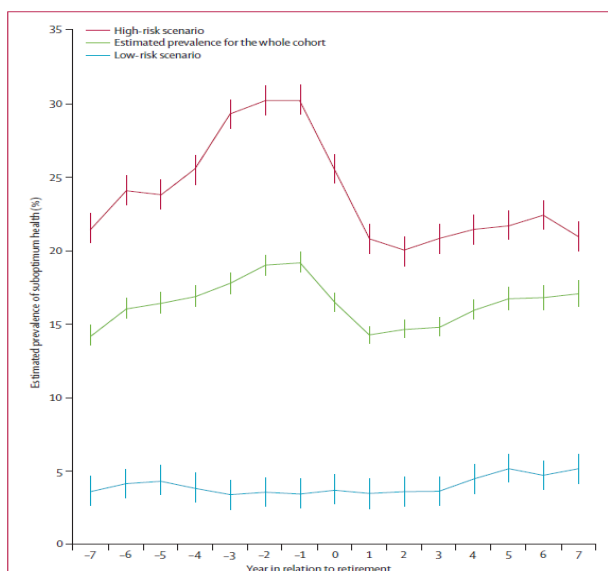
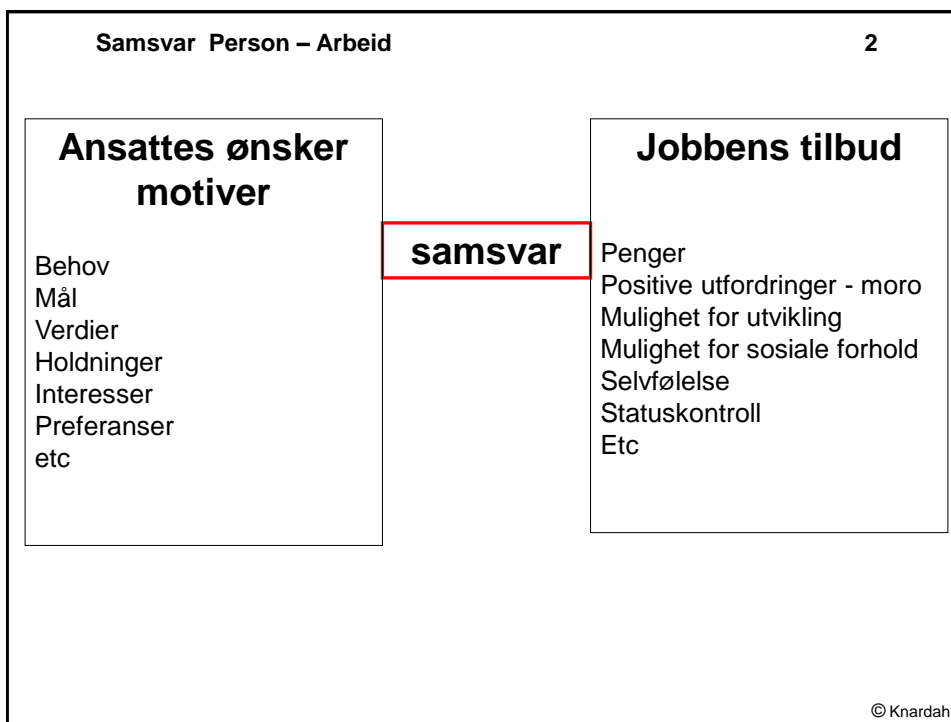
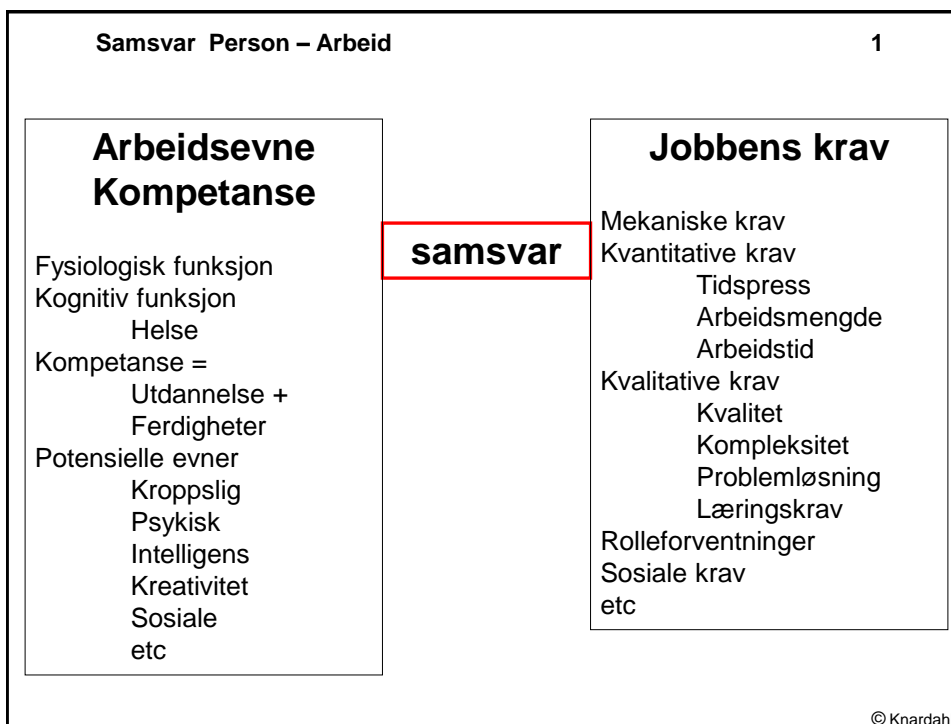
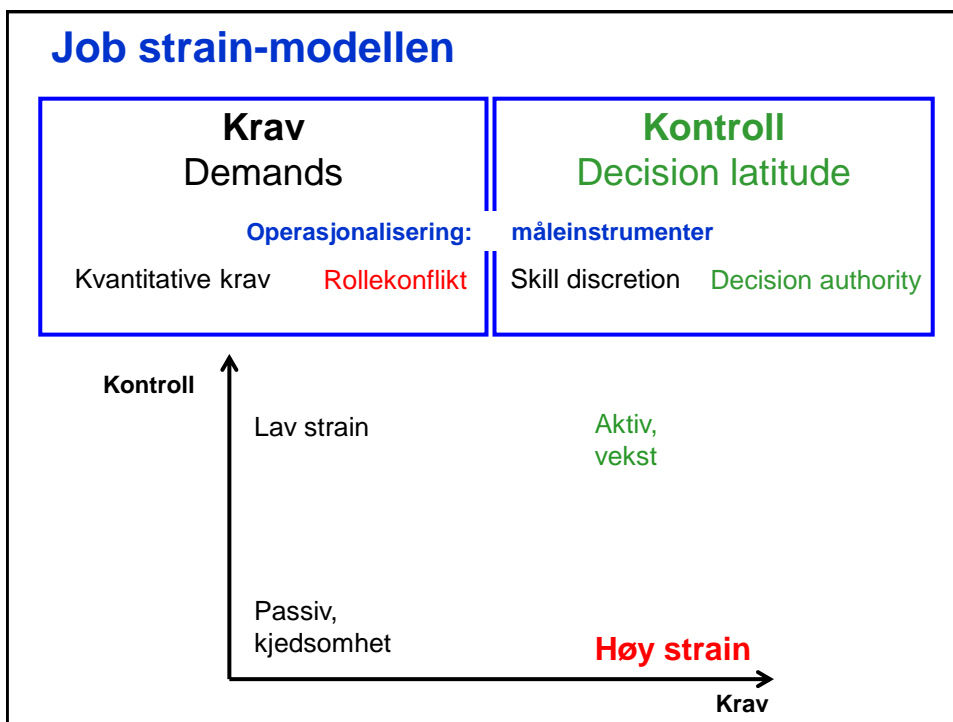
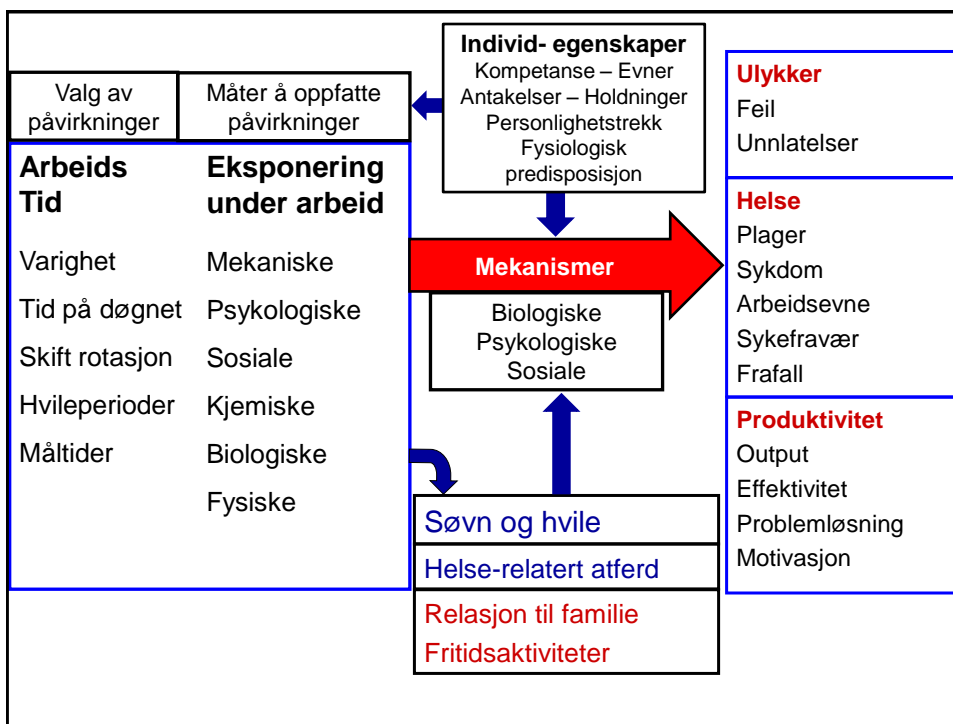


Figure 3: Prevalence of suboptimum self-rated health in relation to year of retirement for a high-risk and low-risk scenario involving men who retired at the statutory age of 55 years and before the year 2000. Low-risk profile=high occupational grade, low physical and psychological demands, and high job satisfaction. High-risk profile=low grade, high demands, and low satisfaction. Error bars indicate 95% CIs.






Sosiale samspill


SOSIAL STØTTE: Typer av støtte *House 1982*

| | | |
|-----------------|---|---------------|
| ▶ Informasjon | - | råd |
| ▶ Instrumentell | - | assistanse |
| ▶ Evaluering | - | feedback |
| ▶ Emosjonell | - | empati omsorg |

Modeller: 1. Buffer
 2. Direkte virkning på helse



PAIN[®] 151 (2010) 162–173



www.elsevier.com/locate/pain

Work and neck pain: A prospective study of psychological, social, and mechanical risk factors

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ARTICLE INFO

Article history:
 Received 19 November 2009
 Received in revised form 20 May 2010
 Accepted 1 July 2010

Keywords:
 Neck pain
 Occupational
 Psychosocial
 Prospective
 Mechanical
 Exposure

ABSTRACT

To determine the risk factors for neck pain in a prospective cohort of employees. The low-up (n = 412) age exposure of in exposure from follow-up questionnaire, age, sex, neck pain, consistent risk to or above shoulder empowering lead 0.36–1.00). Hence, psychological and social factors are important precursors of neck pain, along with mechanical factors. Although traditional factors such as quantitative demands and decision control play a part in the etiology of neck pain at work in this study several new factors emerged as more important. © 2010 International Association for the Study of Pain. Published by Elsevier B.V. All rights reserved.

Øker risiko for nakkesmerter

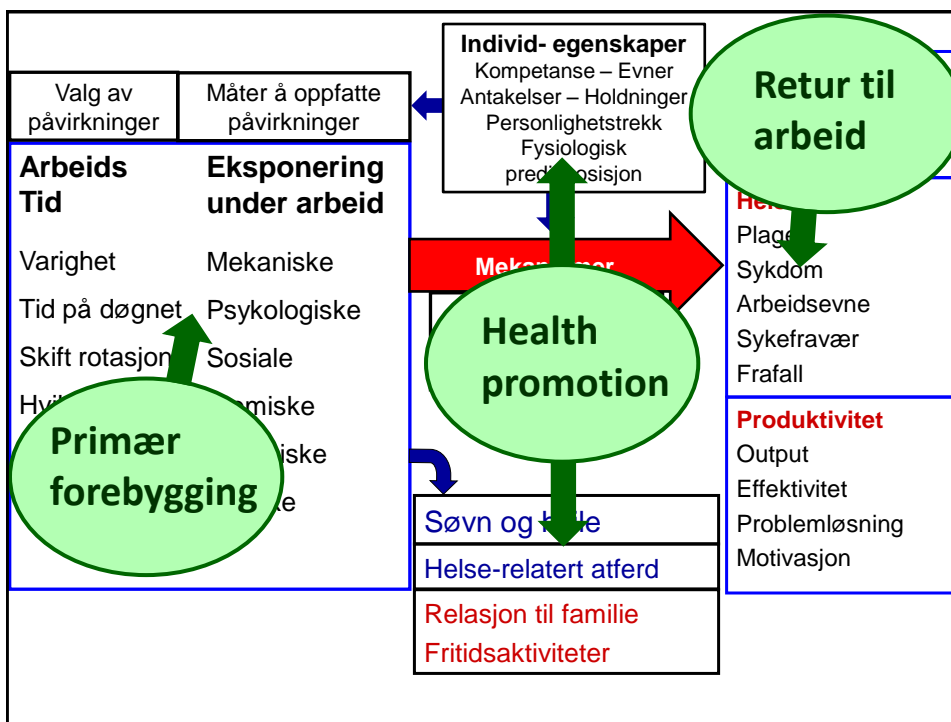
- Rollekonflikter
- Arbeid hvor man må løfte armene til skuldernivå

Reduserer risiko for nakkesmerter:

- Kontroll over beslutninger
- Bemyndigende ledelse

1. Introduction

Neck pain is a widespread health problem in the working population. The annual prevalence has been reported to be above 40% known, and several studies have reported very low levels of trapezius muscle activity during office work (e.g. [45]). During psychological challenge, active coping behavior includes a cardiovascular response pattern in which blood flow to muscles increases



Posten-prosjektet

Improving subjective health at the worksite: a randomized controlled trial of stress management training, physical exercise and an integrated health programme

H. R. Eriksen, C. Ihlebæk, A. Mikkelsen, H. Grønningsæter, G. M. Sandal, and H. Ursin

Occup. Med. Vol. 52 No. 7, pp. 383–391, 2002

Department of Biological and Medical Psychology, University of Bergen, Bergen; Rogaland Research, Stavanger; The Norwegian University of Sports and Physical Education, Oslo; and Department of Psychosocial Science, University of Bergen, Bergen, Norway

Effects of 12 weeks of:

- Stress management training (SMT): n= 162
- Physical exercise (PE): n= 189
- Integrated health programme (IHP): n= 165
- Control: n= 344.

No significant effects on subjective health complaints, sick leave or job stress.

The PE group showed improved general health, physical fitness and muscle pain.

The SMT group showed improved stress management.

The IHP group showed the strongest effects, affecting most goals set for treatment.

Kilder til virkninger et tiltak

Tiltaket

Seleksjon av deltakere

Oppmerksomhet om forandringer

Placebo: Forventninger om virkning hos deltakere

Forventninger om effekt hos undersøker

Grunnleggende antagelser om årsaker

Ytre forhold: omorganiseringer, endringer

Active workplace interventions

Occupational Medicine 2013;63:7-16
Advanced Access publication 5 December 2012 doi:10.1093/occmed/kqs198

Systematic review of active workplace interventions to reduce sickness absence

M. Odeen^{1,2}, L. H. Magnussen^{1,3,6}, S. Maeland^{1,3}, L. Larun⁴, H. R. Eriksen^{1,5} and T. H. Tveito^{1,5}

"... limited evidence that active workplace interventions were not generally effective in reducing sickness absence, ..."

Moderate evidence: **effect of graded activity**

Moderate evidence: **no effect of workplace education to prevent musculoskeletal disorders**

Moderate evidence: **no effect of workplace exercise programs**

Limited evidence: effect of Sheerbrooke model

Limited evidence: effect of cognitive behavioral therapy combined with problem solving therapy in employees with depression

No evidence: cognitive behavioral therapy

workplace physical activity.

Introduction

diagnostic categories with health outcome. Musculoskeletal and men



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Cochrane corner

Ryggskoler Hjelpemidler

Manual material handling advice and assistive devices for preventing and treating back pain in workers: a Cochrane Systematic Review

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Finnish Institute of Occupational Health, Cochrane Occupational Safety and Health Review Group, Kuopio, Finland

In many occupations, it is difficult to avoid imposing heavy loads on the back (eg, lifting and moving patients in healthcare). Therefore, it is not surprising that research has been stimulated to assess the quality of the evidence for RCTs and MINORS for the cohort studies. We combined the results of similar studies with a fixed-effect meta-analysis. We used the GRADE approach to assess the quality of the evidence.

We concluded that there is moderate quality evidence that MMH advice and training with or without assistive devices **does not prevent back pain or back pain-related disability when compared to no intervention or alternative interventions.**

Accepted 13 June 2011
Published Online First
17 August 2011

We searched CENTRAL (*The Cochrane Library* 2011, issue 1), MEDLINE, EMBASE, CINAHL, Nioshtic, CISdoc, Science Citation Index and PsychLIT to February 2011.

We included randomised controlled trials (RCT) and, because we thought it would be difficult to find RCTs, cohort studies with a concurrent control group that were aimed at changing human behaviour regarding MMH and measured back pain, back pain-related disability or sickness absence.

rather than participants were randomised.

Studies compared training to no intervention (four), professional education (two), a video (three), use of a back belt (three) or exercise (two). Other studies compared training plus lifting aids to no intervention (three) and to training only (one).

Studies were conducted among the following occupations with exposure to back load: healthcare workers exposed to lifting and moving patients (four RCTs and eight cohort studies), baggage handlers (two RCTs), construction workers (one RCT and one cohort study), postal workers handling mail (one RCT) and workers in a distribution centre (one RCT). The number of participants varied from 131 to 12 772 in RCTs, and from 41 to 345 in cohort studies.

The interventions varied from one session of

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AMERICAN JOURNAL OF INDUSTRIAL MEDICINE 57:56-68 (2014)

Primær forebygging

Prevention Program at Construction Worksites Aimed at Improving Health and Work Ability Is Cost-Saving to the Employer: Results From an RCT

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Trening med fysioterapeut for å redusere fysisk arbeidsbelastning 30 min x 2.
Hvilepauzeverktøy: (1) forventninger om tretthet (fatigue), (2) råd om minipauser, (3) valg av mulig årsaker til tretthet, (4) råd om å redusere tretthet på lang sikt.
Empowerment trainer: (1) ta ansvar for egen helse, (2) diskusjon om ansvar for egen atferd på jobben, (3) bedre kommunikasjon med sin overordnede.

- Redusert sykefravær
- Økonomisk lønnsomt for arbeidsgiver: spart €6.4 for hver €1 investert
- Ingen målbar effekt på arbeidsevne, mental helse, muskelskjelettlidelser

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KEY WORDS: absenteeism; cost-effectiveness; health; return on investment; work ability

INTRODUCTION

As in many industries in Western countries, the working population in the Dutch construction industry is rapidly decreasing and ageing [Beereboom et al., 2005; Eurostat, 2011]. These demographic changes have serious economic consequences as a shrinking labor force will have to pay for the national pensions of an increasing number of

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