Centre for Epidemiology and Health Services Research
for Healthcare Professionals

ergoHair

EU-Project ergoHair, Workshop Brussels, 2019

Medical reference document – a brief description

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Medical reference document

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1. Hairdressing sector in Europe

1. Efforts taken by EU and social dialogue to strengthen the OSH in haidressing

2. Musculoskeletal system

2.1 Structure and function
2.2 Work-related MSD
2.3 Risk factors for MSD
2.4 Costs of work-related MSD
2.5 Economic benefit of MSD prevention

3. Systematic Scoping Review

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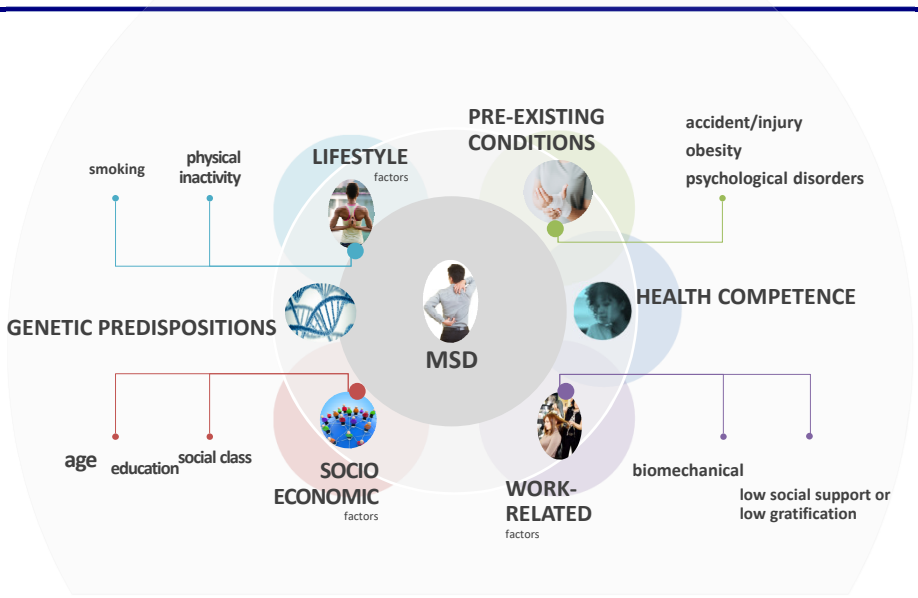
Potential risk factors



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Is prevention worth it?

Economic benefit

- ✓ Savings higher than total investment
- ✓ Payback periods ranging from…
  - …3-5 yrs for employer's perspective
  - …1-9 yrs from workers' compensation board perspective
- ✓ Ergonomic equipment and policies significantly reduced injuries and claims

Influencing factors

Positive economic results:

- ✓ High support from management
- ✓ High rate of employee participation

Negative or inconsistent economic results:

- ✓ Limited support from management
- ✓ Did not meet employees' needs
- ✓ Low "intervention dose"

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Core section: scoping review on musculoskeltal health of haidressers

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Self-reported work-related symptoms in hairdressers
Swedish Female Hairdressers' Views on Their Work Environment—A Qualitative Study
PREVALENCE OF CARPAL TUNNEL SYNDROME AND ITS CORRELATION WITH PAIN AMONGST FEMALE HAIRDRESSERS
A Prospective Study of Neck, Shoulder, and Upper Back Pain Among Technical School Students Entering Working Life
Muskel-Skelett-Belastungen bei Beschäftigten im Friseurhandwerk
International Journal of Occupational Safety and Ergonomics
Compensation claims for work-related musculoskeletal disorders among hairdressers in France, 2010-2016
Changes in hairdressers' work technique and physical capacity during rehabilitati
La coiffure : une enquête de terrain en Côte-d'Or
Upper Arm Postures and Movements in Female Hairdressers across Four Full Working Days

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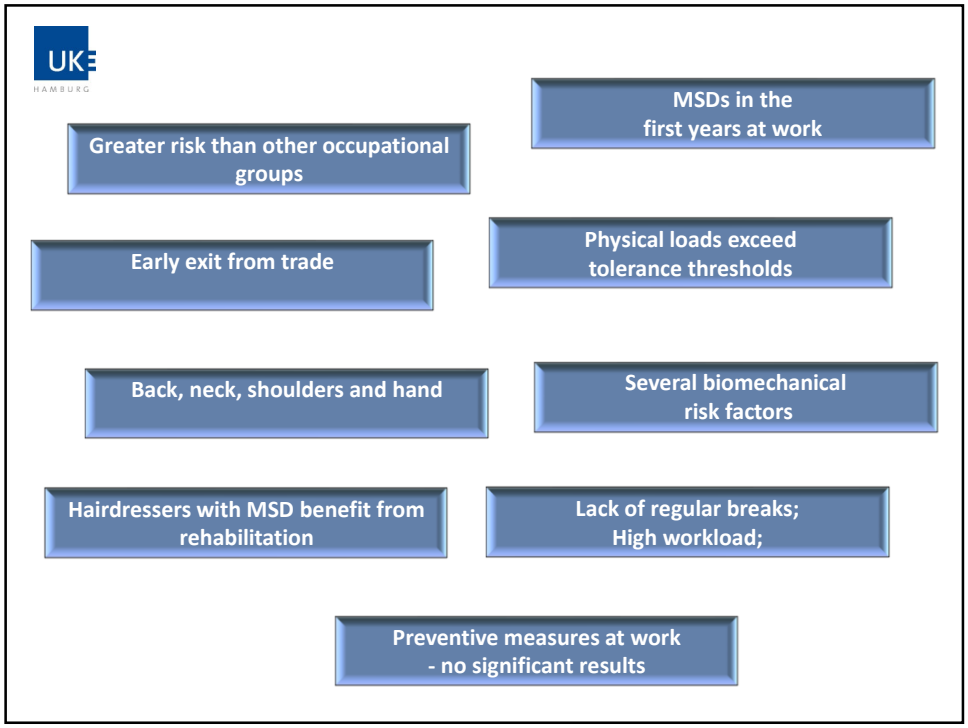
Greater risk than other occupational groups
MSDs in the first years at work
Early exit from trade
Physical loads exceed tolerance thresholds
Back, neck, shoulders and hand
Several biomechanical risk factors
Hairdressers with MSD benefit from rehabilitation
Lack of regular breaks; High workload;
Preventive measures at work - no significant results

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4. Outcomes – research results

4. Data from Member States on MSD frequency, risk factors, task analysis

5. Outcomes – ergonomic & organisational approaches

5.1 Prevention in training
5.2 Ergonomic design and equipment
5.3 Ergonomic working
5.4 General organisational conditions
5.5 Risk assessment
5.6 Pregnancy and MSD

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Example: General organisational conditions

- Communication
- Participation and commitment
- Breaks
- Work organisation

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Good Practice Examples

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8 good practice examples

- Evaluation guide (Austria)
- Studio 78 (Germany)
- Cutting technique PIBYRP (France)
- Poster '3D floorplanner' (Belgium)
- The healthy hairdresser campaign (the Netherlands)
- Davines (Italy)

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Thank you for your attention

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