

Skincare intervention

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The proposed skincare feedback program will reduce the clinical severity of hand dermatitis compared to the 'care as usual'

Ethische beoordeling	Niet van toepassing
Status	Werving nog niet gestart
Type aanpak	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON25684

Bron

NTR

Aandoening

handeczema/ hand dermatitis
skincare
intervention

Ondersteuning

Primaire sponsor: Academic Medical Center, AMC

Meibergdreef 9
1105 AZ Amsterdam

Overige ondersteuning: Academic Medical Center, AMC

Meibergdreef 9
1105 AZ Amsterdam

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Hand Eczema Severity Index score (HECSI-score)

Toelichting onderzoek

Achtergrond van het onderzoek

Background:

Healthcare Workers (HCW) are at high risk for developing occupational hand dermatitis (HD) due to

frequent exposure to wet work, including irritants and allergens. Amongst HCW, nurses are particularly at

high risk of HD, with an estimated point prevalence between 12-30%. The burden of disease is high with

risk of chronicity, sick leave, unemployment and impaired quality of life. Despite evidence from literature on

the importance of skin protection and care in the prevention of HD, compliance to skincare protocols in

practice is below 30%. New strategies are obviously needed.

Methods/design:

Trial design: This is a randomized clustered controlled trial.

Objectives: To assess effects of an intervention program on skin condition in HCW, consisting of regular

feedback on the consumption of provided hand creams.

Participants: The trial includes nurses performing wet work. A total of 34 wards in the Free university academic center (VUmc, Amsterdam) are recruited as participating sites. The wards are

randomized to an intervention vs control group and followed up to 18 months.

Intervention: The experimental intervention comprised provision of hand creams in dispensers at the

wards with regular training and feedback, including reports of the electronically monitored consumption.

Both the experimental and the control group receive basic education on skin protection (as care as usual).

Every six months all participants will fill in the questionnaires regarding exposure to irritants and skin

protective behavior.

Outcomes: The primary outcome is the change in Hand Eczema Severity Index (HECSI-score) from

baseline to 12 months. The secondary outcomes are the Natural Moisturizing Factor (NMF) levels in the

stratum corneum as a biomarker of skin barrier damage and the total consumption of creams per ward.

Conflicts of interest: The authors have declared no conflicts of interest

Doel van het onderzoek

The proposed skincare feedback program will reduce the clinical severity of hand dermatitis compared to the 'care as usual'

Onderzoeksopzet

12 months

Onderzoeksproduct en/of interventie

intervention program, consisting of provision of skin care products and regular feedback on the skin condition in health care workers

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Informed written consent
- Age between 18-65 years
- exposure to wet work activities
- employment as nurse at the participating wards

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Not performing 'wet work' -activities

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-02-2016
Aantal proefpersonen:	544
Type:	Verwachte startdatum

Ethische beoordeling

Niet van toepassing	
Soort:	Niet van toepassing

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 44027
Bron: ToetsingOnline
Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL5430
NTR-old	NTR5564
CCMO	NL54372.018.15
OMON	NL-OMON44027

Resultaten