

Questionnaire of the workload of the arms

Gepubliceerd: 10-10-2016 Laatste bijgewerkt: 18-08-2022

Because of the increasing incidence of work-related musculoskeletal disorders of the upper extremities, the UEWD questionnaire was developed as a riskassessment that takes less time and less expenses than an observation. The aim of this study is to...

Ethische beoordeling	Niet van toepassing
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON28840

Bron

NTR

Aandoening

Participants are healthy people. The riskassessment is about the work-related musculoskeletal disorders, specifically complaints of the upper extremity's. The meaning of the complaints of the upper extremities is the complaints of arm, neck and shoulder.

Keywords: riskassessment, work-related musculoskeletal disorders, self evaluation, upper extremities, workload.

Dutch keywords: risico analyse, werkgerelateerde musculoskeletale aandoeningen, bovenste extremiteiten, werkbelasting.

Ondersteuning

Primaire sponsor: University Medical Centre Groningen

Overige ondersteuning: -

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

UEWD score

RULA score

Toelichting onderzoek

Achtergrond van het onderzoek

In the common society the incidence of work-related upper extremity's musculoskeletal disorders is increasing. Opsteegh et al. developed a questionnaire as a risk assessment for the workload of the upper extremities, the UEWD. The aim of this study is to analyse the construct validity of the UEWD and confirm the test retest reliability through an observational study. The study population will be 50 working people > 18 year that are capable of understanding the questionnaire. The UEWD will be compared with other questionnaires, the posture subscale of the MUEQ and the physical subscale of the SF-36, and an observation method, the RULA. The participants will fill in the questionnaires and they will be (video) observed. After 1-3 weeks they will fill in the UEWD for the second time. The observer will rate the video with the RULA scoring sheet. After all the data is gathered, we will determine the construct validity with pre-defined hypothesis and we will calculate the Pearson correlation coefficient between the UEWD and the SF-36, the MUEQ and RULA score. The retest reliability will be tested with a paired t-test, the SDC and the ICC agreement.

Doel van het onderzoek

Because of the increasing incidence of work-related musculoskeletal disorders of the upper extremities, the UEWD questionnaire was developed as a riskassessment that takes less time and less expenses than an observation.

The aim of this study is to analyse the psychometric properties of the UEWD, specifically the construct validity of the UEWD and the test retest reliability

Onderzoeksopzet

UEWD score, MUEQ posture subscale score and the SF-36 physical subscale score through a questionnaire and RULA score through observation at the same time.

1-3 weeks later the second UEWD score through a questionnaire.

Onderzoeksproduct en/of interventie

None

Contactpersonen

Publiek

student researcher

Miriam Cavalini
Groningen
The Netherlands
Tel: 0618272407

Wetenschappelijk

student researcher

Miriam Cavalini
Groningen
The Netherlands
Tel: 0618272407

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Healthy working persons
- >18 years

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- not capable of filling the questionnaire, because of a language barrier.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestopt
(Verwachte) startdatum:	04-10-2016
Aantal proefpersonen:	50
Type:	Werkelijke startdatum

Ethische beoordeling

Niet van toepassing	
Soort:	Niet van toepassing

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL5947
NTR-old	NTR6125

Register

Ander register

ID

201600752 : UMCG research register

Resultaten