Identification of stressors and de-stressors in employees working from home during COVID-19

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Stress can be detected based on physiological parameters and self-reports

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

Samenvatting

ID

NL-OMON24132

Bron
NTR

Verkorte titel
TBA

Aandoening

None

Ondersteuning

Primaire sponsor: Stichting imec Nederland
Overige ondersteuning: Cigna

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Determine stressors and de-stressors in employees working from home

Toelichting onderzoek

Achtergrond van het onderzoek

This is a low risk, observational study. All subjects will be equipped with a wrist-worn consumer wearable that continuously measures physiological signals (i.e. HR, movements, sleep) together with an accompanying app installed on the participant’s phone. The study will take 7 consecutive days per subject. Subjects will be asked to install another app on their smartphone that prompts short questionnaires 5 times a day at predetermined times. These questionnaires measure subjective experiences and work situations. Subjects can follow their normal daily routines. An additional pre- and post-experiment questionnaire will focus on general subject characteristics and their opinions on the study.

Doel van het onderzoek

Stress can be detected based on physiological parameters and self-reports

Onderzoeksopzet

The device will be worn for 7 days, questionnaires will be prompted 5 times a day with an additional questionnaire before and after the measurement week

Onderzoeksproduct en/of interventie

Daily questionnaires and continuously wearing a consumer wrist-worn sensor

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Subjects between 18 and 65 years old
- Subjects working for at least 4 days during the 7 days in total, from which at least 3 days are spend working from home. Each workday must consist of at least 6 hours a day
- Subjects are working/residing in the United States during the measurements
- Subjects capable of wearing a wrist-worn tracker on one of their wrists
- Subjects must have a smartphone newer than 2014 that runs iOs 11+ or Android 7.0+ which is continuously available to them during the whole duration of the experiment.
- Subjects must be capable of using a smartphone app
- Subjects must have English working proficiency.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Subjects being incapable (for whatever reason) to properly read/understand/sign the informed consent and subject information.
- Subjects with known atherosclerosis and/or cardiovascular impairments.
- Subjects with a known medical condition that will increase risk of infections due to the electrodes like for example wounds on hand and arm or skin allergies.
- Subjects with a known allergy to silicone.
- Subjects wearing any other measuring device which cannot be removed (i.e. Holter monitor).
- Patients with known sensitivity to light or using medication with phototoxic side ef-fects (i.e. Tetracycline, Doxycycline, Phenothiazines, Dacarbazine, Ketoprofen, Lomefloxacin). This is in order to exclude the possibility of local skin irritation from prolonged irradiation by LED-light (from the wearable on the wrist).
- Women known to be pregnant.
- Subjects with any implanted active device (i.e.,. device containing a battery), such as a pacemaker.
- Subjects with epilepsy or known sensitivity to bright light
- Subjects with known nervous system disorders.
- Subjects with known mental disorders
- Subjects in therapy or taking medication for psychiatric disorders

Onderzoeksopzet

Opzet

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

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	24-03-2021
Aantal proefpersonen:	200
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

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	NL9378
Ander register	WCG IRB : 20210874

Resultaten