De zorg rondom handprothesen kan doelmatiger

Gepubliceerd: 18-04-2019 Laatst bijgewerkt: 18-08-2022

We hypothese that the health care for hand prosthesis users can be improved in terms of cost-effectiveness.

Ethische beoordeling	Positief advies
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON24200

Bron
NTR

Verkorte titel
TBA

Aandoening

Upper limb defects, including both amputations and congenital deficits.

Ondersteuning

Primaire sponsor: Not applicable
Overige ondersteuning: ZonMW

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Cost-effectiviness of hand prostheses based on the multi-attributable preference response (MAPR) score for hand prosthetics and costs.

With the obtained information an online choice aid for hand prostheses will be developed.

Toelichting onderzoek

Achtergrond van het onderzoek

Value-based health care is becoming increasingly important in the current health care system. However, only little research has been done to the effectiveness of hand prostheses. The goal of this research was to determine the effectiveness and cost-effectiveness of different types of hand prostheses. The second goal was to develop a decision aid for hand prostheses. A mixed methods design was used, with both qualitative and quantative research methods. First, the multi-attributable preference response (MAPR) model was used to develop an application to measure the 'users value' of hand prostheses (also called the 'HealthSnapp'). The choice for the attributes in this model is based on a literature review, a focus group and a questionnaire study. Consequently, participants were asked in a second round of questionnaires to complete the 'HealthSnapp', the EQ-5D and a survey about all costs related to having a hand/arm prostheses. With this information the cost-effectiveness/utility from a societal perspective was determined. This information was used as input for a decision aid for hand prostheses. Furthermore, focus groups, surveys and input from a 'developmental team' were used to develop the decision aid for hand prostheses. The decision aid was pilot tested in clinical practice and afterwards last improvements were implemented.

Doel van het onderzoek

We hypothese that the health care for hand prosthesis users can be improved in terms of cost-effectiveness.

Onderzoeksopzet

Group 1: Focusgroup in april 2019; one or more additional focus group for the development and evaluation of the online decision aid of hand prostheses.

Group 2: Focusgroup in april 2019; one or more additional focus group for the development and evaluation of the online decision aid of hand prostheses.

Group 3: Complete two rounds of questionnaires (both rounds: between september 2019 and januari 2021).

Contactpersonen

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Group 1 (10-12 persons):
- Persons with upper limb defects who have been using a hand prosthesis for at least six months.

Group 2 (10-12 persons):
- Health care professionals (rehabilitation doctors, prosthetists and therapists) who have at least one year experience in working with hand prosthesis users.

Group 3 (=>200 persons):
- All persons with an upper limb defect at or proximal from the wrist in the Netherlands.

Developmental team decision aid hand prostheses:
- a software developer
- patients from target population decision aid
- health care professionals who are working with target population
- researchers from this project

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Group 1:
- Age < 18 years;
- Level of upper limb defect distal from the wrist

Group 2:
- < 1 year of experience in working with persons with an upper limb defect

Group 3:
- Age < 18 years;
- Level of upper limb defect distal from the wrist
- Additional exclusion criteria for second round of questionnaires: not using a hand/arm prosthesis.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Cross-over
Toewijzing:	Niet-gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	01-01-2019
Aantal proefpersonen:	200
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Toelichting
If possible and in compliance with privacy regulations, we will release fully anonymized/pseudominized data of this study (semi-)public. If needed, there will be requirements to get acces to the data. Importantly, only the data of participants who agreed on their informed consent with (semi-)public disclosure of the data will be released.

Ethische beoordeling

Positief advies

Datum:	18-04-2019
Soort:	Eerste indiening

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	NL7682
Ander register	Medical Ethics Review Board of the University Medical Center Groningen (UMCG) : METc2018/582

Resultaten