THA rehabilitation with tailored web app

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A tailored web application for THA patients based on three patient subgroups is a) usable for patients and care providers, and b) valuable for patiens by improving post-surgery support.

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

Samenvatting

ID

NL-OMON23663

Bron
NTR

Verkorte titel
THA-TWA

Aandoening

Hip Osteoarthritis (OA)

Ondersteuning

Primaire sponsor: Reinier de Graaf group
Overige ondersteuning: NWO

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Main study endpoints are insights into the use and evaluation of the prototype by THA patients from different subgroups. As such, results will be based on qualitative feedback from patients and care providers, as well as metrics describing participants' use of the application. The patient subgroups will be taken as a parameter.

Toelichting onderzoek

Achtergrond van het onderzoek

Rationale: After a Total Hip Arthroplasty (THA), post-discharge contact moments with care providers may be scarce. Online resources may offer support, but these are based on the average patient and to optimize their supportive value they need to be tailored to patients' varying post-surgery information needs and capacities. In previous research, three subgroups were identified that are similar in these characteristics. It is hypothesized that these subgroups can be used to tailor online information resources for THA patients.
Objective: To evaluate tailoring components in a web application for THA patients and to refine guidelines for tailored web applications for patients.
Study design: Qualitative observational study: Evaluation of a tailored web application for THA patients.
Study population: 20 patients (adults) receiving THA in one month; 3 care providers.
Intervention: A tailored web application for THA patients. The web application informs THA patients about recommended activity levels in the first months after surgery using individualized thresholds based on daily step counts. The feedback given by the application is designed in three variants that match characteristics from three different THA patient subgroups defined in previous research.
Main study parameters/endpoints: Endpoints: Use and evaluation of the application by patients and care providers. After each consultation, patients will be interviewed about their experiences with the prototype. Participating care providers will also be interviewed at least once about their general experience with the prototype during consultations. In addition, web metrics will be recorded for each patient to assess usage over time. The patient subgroups are used as parameter. As a secondary endpoint, self-reported health status of participating patients will be compared to a control sample of similar patients (data collected as part of routine care).

Doel van het onderzoek

A tailored web application for THA patients based on three patient subgroups is a) usable for patients and care providers, and b) valuable for patiens by improving post-surgery support.

Onderzoeksopzet

2 and 6 weeks postsurgery

Onderzoeksproduct en/of interventie

A tailored web application for THA patients. The web application informs THA patients about recommended activity levels in the first months after surgery using individualized thresholds based on daily step counts. The feedback given by the application is designed in three variants that match characteristics from three different THA patient subgroups defined in previous research.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Planned THA within three to eight weeks
- Age ≥18
- Signed informed consent
- Regular use of internet and e-mail.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Insufficient knowledge of the Dutch language
- Mental disability

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen

Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving gestopt
(Verwachte) startdatum:	15-04-2019
Aantal proefpersonen:	20
Type:	Werkelijke startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nee

Ethische beoordeling

Positief advies

Datum:	01-02-2019
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	NL7488

Register	ID
Ander register	NWO : Project 314-99-118

Resultaten