

THA rehabilitation with tailored web app

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON23663

Source

NTR

Brief title

THA-TWA

Health condition

Hip Osteoarthritis (OA)

Sponsors and support

Primary sponsor: Reinier de Graaf group

Source(s) of monetary or material Support: NWO

Intervention

Outcome measures

Primary outcome

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.

Secondary outcome

Feedback from care providers will form the secondary endpoint of this study.

Study description

Background summary

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).

Study objective

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

Study design

2 and 6 weeks postsurgery

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.

Contacts

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Eligibility criteria

Inclusion criteria

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

Exclusion criteria

- Insufficient knowledge of the Dutch language
- Mental disability

Study design

Design

Study type: Observational non invasive

Intervention model:	Parallel
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	15-04-2019
Enrollment:	20
Type:	Actual

IPD sharing statement

Plan to share IPD: No

Ethics review

Positive opinion	
Date:	01-02-2019
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL7488

Register

Other

ID

NWO : Project 314-99-118

Study results