Evaluation of the effectiveness of an activity tracker after oncological surgery on physical activity and recovery of physical functioning

No registrations found.

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

Summary

ID

NL-OMON20042

Source
Nationaal Trial Register

Brief title
TBA

Health condition

Gastroinstestinal oncologie (esophagus, stomach, intestine, liver, pancreas) or bladder oncology

Sponsors and support

Primary sponsor: None
Source(s) of monetary or material Support: N/A

Intervention

Outcome measures

Primary outcome

Minutes of physical activity

Secondary outcome

Physical functioning, measured with the AM-PAC basic mobility (AM-PAC)

Study description

Background summary

Undergoing oncological surgery is a major life event and can impact patients' physical functioning. For a patient, it is important to return to normal physical functioning in daily life as soon as possible after discharge. In older people, lower levels of physical activity during hospitalization are associated with the development of hospital associated disabilities, death and lower levels of physical functioning. Nevertheless, literature shows that patients are less than 6% of the day active during hospitalization. Literature suggests that objectively monitoring of physical activity might be beneficial to enhance physical activity levels during hospitalization. Therefore, the aim om this study is to evaluate the effectiveness of the implementation of an activity tracker in usual care on physical activity level and recovery of physical functioning after oncological surgery. This will be evaluated in 3 groups,; group 1: historigal control group, without feedback of the activity tracker, group 2: feedback of the activity tracker to healthcare providers en patients, group 3: setting goals

Study objective

The implementation of an activity tracker in usual care leads to an increased level of physical activity and recovery of physical functioning after discharge

Study design

during hospitalization and 1 and 3 months after discharge

Intervention

Activity tracker with feedback

Contacts

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Eligibility criteria

Inclusion criteria

Patients undergoing gastrointestinal (esophagus, stomach, intestine, liver, pancreas) or bladder oncological surgery at the University Medical Centre Utrecht (UMC Utrecht) in the Netherlands

Exclusion criteria

Patients were excluded from participation if they had a life expectancy less than three months, if the patient was not able to fill in or sign the informed consent form due to cognitive problems or if the patient was completely dependent on a wheelchair.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	01-02-2019

Enrollment:	210
Type:	Anticipated

IPD sharing statement

Plan to share IPD: Undecided

Ethics review

Positive opinion

Date:	14-08-2020
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	NL8834
Other	METC UMCU : 19/026

Study results