Efficiency and safety of care pathways for knee and hip arthroplasty

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Numbers of hip and knee arthroplasties are increasing worldwide. The optimization of the treatment and the scientifically supported procedures are implemented in clinical pathways (CPs). CPs have developed during the past decades and this systematic…

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

Samenvatting

ID

NL-OMON26048

Bron
Nationaal Trial Register

Aandoening

knee and hip arthroplasty

Ondersteuning

Primaire sponsor: n.a.
Overige ondersteuning: n.a.

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Primary Objective: To identify the most efficient and safe clinical pathways for knee and hip arthroplasty

Toelichting onderzoek

Achtergrond van het onderzoek

While the number of these surgeries worldwide is increasing, CPs have been developed to improve efficiency and decrease hospital stay3,6,14 The LOS depends apart from the clinical outcome and patients' comorbidity, on social and marital status and cultural aspects. Even the health insurances may have influence.3 The LOS has reduced significantly by the use of CPs.13 Nowadays, an outpatient surgery (OS) pathway with possible discharge on the day of surgery has been developed reducing the LOS to one day.7,14 With the OS the patient stays in the hospital for one day only; it is a day care surgery with a day procedure, a patients-specific approach, an optimized process in which the proactive patient is essential. Admission and discharge are on the day of surgery, without an overnight hospital stay.11 This reduction of LOS might satisfy the patient 7,14 as he is able to return home on the same day.

Therefore, the effects of CPs and the decreasing LOS in terms of (serious) adverse events ((S)AE), readmission, functional recovery and PROMS have to be investigated. It should also take into account the long waiting lists and the increasing economic burden on the public health system

Doel van het onderzoek

Numbers of hip and knee arthroplasties are increasing worldwide. The optimization of the treatment and the scientifically supported procedures are implemented in clinical pathways (CPs). CPs have developed during the past decades and this systematic review (SR) with planned meta-analysis (MA) evaluates the efficiency and safety of various care pathways for knee and hip arthroplasty.

Onderzoeksopzet

n.a.

Onderzoeksproduct en/of interventie

The general objective is to perform a systematic review and to summarize the available literature regarding the efficiency and safety of clinical pathways for patients undergoing knee or hip arthroplasty.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

• Studies including patients of 18 years or older undergoing implantation of a hip or knee prosthesis;

• Studies which compare the intervention with standard care.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

• Studies including patients undergoing revision arthroplasty;

• Strictly descriptive articles, e.g. historical articles.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving gestart
(Verwachte) startdatum:	01-07-2016
Aantal proefpersonen:	0
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	13-06-2016
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	NL5769

Register	ID
NTR-old	NTR5923
Ander register	: METC: 16N103

Resultaten