De-implementation of non cost-effective blood saving measures in total hip and knee replacement

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This study aims to change the blood management behavior of orthopedic surgeons and anesthesiologists in primary elective total hip and knee arthroplasties, using a tailored intervention strategy for de-implementation of EPO and blood salvage....

Ethische beoordeling	Niet van toepassing
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON27165

Bron
NTR

Verkorte titel
LISBOA

Aandoening

implementation, blood management, total hip arthroplasty, total knee arthroplasty, behavior change
implementatie, bloed management, totale heup arthroplastiek, totale knie arthroplastiek, gedragsverandering

Ondersteuning

Primaire sponsor: Leiden University Medical Center
P.O. Box 9600, 2300 RC Leiden, the Netherlands
Overige ondersteuning: - Netherlands Organisation for Health Research and Development (ZON-MW)
- Jon J van Rood, Netherlands Center for Clinical Transfusion Research (Sanquin)

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The primary outcome is the % of patients undergoing primary elective total hip or knee arthroplasty in which EPO or blood salvage is applied.

Toelichting onderzoek

Achtergrond van het onderzoek

Hospital-clustered RCT comparing a tailored de-implementation intervention with no intervention in 20 hospitals to change the blood management behavior of orthopedic surgeons and anesthesiologists.

Doel van het onderzoek

This study aims to change the blood management behavior of orthopedic surgeons and anesthesiologists in primary elective total hip and knee arthroplasties, using a tailored intervention strategy for de-implementation of EPO and blood salvage.

The hypothesis is that the intervention results in an absolute decrease of 20% in patients receiving EPO or blood salvage in comparison to usual care (control intervention).

Onderzoeksopzet

Because the alternative study design, the measurement points are not patient-related but predetermined.
The measurement points are: 1st August to 31 December 2013 baseline. October 1st 2014 to February 28th 2015 follow-up.
The months in between: January 1, 2014 to September 30, 2014 form the intervention period.

Onderzoeksproduct en/of interventie

- Interactive education aimed at orthopedic surgeons and anesthesiologists

- Feedback in an educational outreach visit aimed at orthopedic surgeons and anesthesiologists

- Dissemination and reports on hospital performance/ best practices aimed at orthopedic surgeons and anesthesiologists

- Information letter/ email aimed at other involved professionals (transfusion committee, OR-personnel, pharmacists).

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Hospitals using EPO and/or blood salvage in patients undergoing primary elective THA or TKA on a regular basis (more frequently than in exceptional cases)

- Hospitals performing at least 50 THA and/or TKA on average per 5 months.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Hospitals considering to abandon the use of EPO or blood salvage on their own initiative

- Hospitals participating in trials that interfere with the use or the discontinuation of EPO or blood salvage

- Hospitals employing the same group of orthopaedic surgeons or anaesthesiologists as a previous included hospital.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland

Status:	Werving gestopt
(Verwachte) startdatum:	01-08-2013
Aantal proefpersonen:	20
Type:	Werkelijke startdatum

Ethische beoordeling

Niet van toepassing

Soort:	Niet van toepassing

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	NL3883
NTR-old	NTR4044
Ander register	:
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten
N/A