

The efficacy of the embryo transfer catheter in IVF and ICSI is operator-dependent: a randomized clinical trial

Gepubliceerd: 27-09-2008 Laatste bijgewerkt: 18-08-2022

There are no differences in pregnancy rates in IVF between two different types of transfer catheter

Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON28776

Bron

NTR

Verkorte titel

IVF catheter study

Aandoening

infertility, IVF

Ondersteuning

Primaire sponsor: University Gent

Overige ondersteuning: University Gent

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Clinical pregnancy rates

Toelichting onderzoek

Achtergrond van het onderzoek

In conclusion we have found that variation in pregnancy rates between embryo transfer catheters depends on the variation between operators. Although the present randomized prospective study did not detect a significant difference in overall success rate between the Cook and Frydman catheter, when correcting for the effect of operator by employing interaction terms between catheter and operator, a subgroup analysis revealed that our study involved three different types of operators: the first worked equally well with Cook and Frydman, the second worked better with Cook, and the third with Frydman. This effect was regardless of the absence of significant differences in total success rate among the three operators collapsing over the two types of catheter.

Doel van het onderzoek

There are no differences in pregnancy rates in IVF between two different types of transfercatheter

Onderzoeksopzet

Trial closed january 2006

Onderzoeksproduct en/of interventie

A prospective randomized trial comparing Cook K-SOFT-5100 and Frydman classical catheter 4.5 was performed. Three experienced operators participated in the trial, using a fixed distance transfer protocol. Primary endpoint was clinical pregnancy rate, secondary endpoints were rates of difficult transfer and of catheter failure. Patients were randomized by a computer program immediately prior to embryo transfer.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Patients undergoing embryo transfer in our IVF program between 2000 and 2005.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Patients not giving consent were excluded.

Onderzoeksopzet

Opzet

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

Deelname

Nederland	
Status:	Werving gestopt

(Verwachte) startdatum: 01-01-1999
Aantal proefpersonen: 1412
Type: Werkelijke startdatum

Ethische beoordeling

Positief advies
Datum: 27-09-2008
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	NL1402
NTR-old	NTR1463
Ander register	Ethisch comité is UZGhent 00.002 : Clinicaltrials.gov number is NCT00766714
ISRCTN	ISRCTN wordt niet meer aangevraagd

Resultaten

Samenvatting resultaten

N/A