

IVF and implantation

No registrations found.

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

Summary

ID

NL-OMON25548

Source

NTR

Brief title

TBA

Health condition

Subfertility

Sponsors and support

Primary sponsor: N.a.

Source(s) of monetary or material Support: n.a.

Intervention

Outcome measures

Primary outcome

The primary outcomes were live birth and clinical pregnancy.

Secondary outcome

(1) biochemical pregnancy, (2) mean number of amniotic sacs, (3) mean implantation ratio (defined as the number of amniotic sacs present divided by the number of embryo's transferred), (4) miscarriage rate, (5) ectopic pregnancy rate (6) ongoing pregnancy rate and

(7) difficult embryo transfer

Study description

Background summary

The correct date of registration is 15-01-2019.

Rates of elective CSs are rising worldwide. Late sequelae of CSs related to a niche (CSdefect) include gynaecological symptoms and obstetric complications. A systematic review of Gurol-Urganci (2013) reported a lower pregnancy rate after a previous CS (RR 0.91 CI 0.87-0.95) compared to a previous VD. However the underlying cause is unclear, included studies do not differentiate between indication for fertilisation, embryo transportation, or embryo implantation. Using an IVF population offers the possibility to study the effect of a previous CS on the implantation of embryo's in relation to a previous VD.

Study objective

A previous caesarean section does affect the reproductive outcomes including live births in women after In Vitro Fertilization or Intracytoplasmic Sperma Injection.

Study design

n.a.

Intervention

None

Contacts

Public

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Scientific

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Eligibility criteria

Inclusion criteria

In this retrospective cohort study all secondary infertile women with only one previous delivery who underwent an IVF or ICSI treatment at the IVF centre, Amsterdam UMC, location VU university, Netherlands between 2006 and 2016, were included. Only the first fresh embryo transfer was taken into account in the analyses.

Exclusion criteria

Patients without an intention for embryo transfer were excluded.

Study design

Design

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

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-01-2019
Enrollment:	773
Type:	Anticipated

IPD sharing statement

Plan to share IPD: No

Ethics review

Positive opinion

Date: 29-03-2019

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	NL7631
Other	METC Vumc : METC 2019.057

Study results