

Assessing the effect of an educational app for smartphone and tablet on quality of care, perceived knowledge and self management for women undergoing IVF treatment: A randomised controlled trial

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON26728

Source

NTR

Health condition

women undergoing IVF treatment

Sponsors and support

Primary sponsor: Interactive Studios, ETZ / Centrum Voortplantingsgeneeskunde Brabant
Source(s) of monetary or material Support: initiator

Intervention

Outcome measures

Primary outcome

patients' perceived level of quality of care

Secondary outcome

- increased level of perceived knowledge
- lower amount of care consumed
- higher level of self efficacy during medicine / hormone usage

Study description

Background summary

The aim of the study is support patients undergoing IVF treatment. After the initial consultation / diagnostics for IVF, patients receive a lot of information about the IVF cycle, hormone usage, side effects, preparations for the oocyte puncture, etc. By using an app that actively offers patients information throughout each phase of the treatment, we hypothesize they have more knowledge, are more compliant with medication usage and more satisfied with the information and support during the treatment.

Study objective

actively offering women subdivided, categorised and interactive educational content throughout their IVF treatment enables them to get a grip on the different stages of their treatment: from intake to medicine usage and side effects, to oocyte puncture and embryo transfer. An increased level of knowledge leads to an increased level of self management and therewith increases the perceived level of quality of care.

Study design

baseline

- patient characteristics
- knowledge about IVF treatment
- satisfaction with current knowledge and information

2 days after IVF intake

- knowledge about IVF treatment

- satisfaction with current knowledge and information
- satisfaction with IVF intake consultation
- level of self management concerning hormone usage and side effects

15 days after IVF intake

- level of self management concerning hormone usage and side effects
- level of care consumed

3 days after embryo transfer

- level of self management concerning hormone usage and side effects
- level of care consumed
- perceived quality of care for complete IVF treatment

Intervention

Using an app that subdivides the content needed for the different phases of the treatment. The app actively offers the information through push notifications, in text, photo and video. The app also tests patients' knowledge on certain topics with quite like questions, directly offering feedback as well.

Contacts

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Eligibility criteria

Inclusion criteria

- fluent in Dutch
- possession of email address
- possession of smartphone or tablet

Exclusion criteria

- earlier IVF treatment

Study design

Design

Study type:	Interventional
Intervention model:	Other
Allocation:	Randomized controlled trial
Masking:	Single blinded (masking used)
Control:	Active

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-05-2018
Enrollment:	100
Type:	Anticipated

Ethics review

Positive opinion

Date: 14-04-2018

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	NL6959
NTR-old	NTR7147
Other	Maxima Medisch Centrum : N18.030

Study results