

# PULSE-ART

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Recruiting
<b>Health condition type</b>	-
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON22332

### Source

Nationaal Trial Register

### Brief title

Placenta UltraSound Evaluation in Assisted Reproductive Technology

### Health condition

Pregnancies established via ART are more prone to pregnancy complications such as growth restriction or preeclampsia. Furthermore, low (and very low) birthweight is more common for children born after an ART-pregnancy. The underlying aetiology is thought to be found in placental development.

## Sponsors and support

**Primary sponsor:** None

**Source(s) of monetary or material Support:** None

## Intervention

## Outcome measures

### Primary outcome

Morphological and vascular characteristics

### Secondary outcome

Placental biomarkers, ART characteristics, fetal growth, neonatal outcomes, NIPT outcomes

## Study description

### Background summary

Placental development in ART-pregnancies will be studied by using ultrasound and placental biomarkers.

### Study objective

Decreased placental functioning and development in ART-pregnancies.

### Study design

Measurements at gestational age of 8, 10, 12, 16 and 20 weeks.

## Contacts

### Public

MUMC+  
Cato Vrouwenraets

0031-43-3875360

### Scientific

MUMC+  
Cato Vrouwenraets

0031-43-3875360

## Eligibility criteria

### Inclusion criteria

- Maternal age 18 years or older;
- Singleton pregnancy;
- Pregnant after ART (IVF, ICSI or PGT) or pregnant without medical assistance;
- Good understanding of the Dutch language;

- BMI maximum 35 kg/m<sup>2</sup>

## Exclusion criteria

- Pregnant via other ART-treatments such as ovulation induction, intrauterine insemination of controlled ovarian hyperstimulation

## Study design

### Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
<b>Control:</b>	N/A , unknown

### Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	09-01-2020
Enrollment:	263
Type:	Anticipated

### IPD sharing statement

**Plan to share IPD:** Undecided

## Ethics review

Positive opinion	
Date:	30-12-2019
Application type:	First submission

## Study registrations

## Followed up by the following (possibly more current) registration

ID: 48373

Bron: ToetsingOnline

Titel:

## Other (possibly less up-to-date) registrations in this register

No registrations found.

## In other registers

Register	ID
NTR-new	NL8260
CCMO	NL71273.068.19
OMON	NL-OMON48373

## Study results