

# Coagulation monitoring to prevent hemostatic complications in extra corporeal membrane oxygenation in kids.

No registrations found.

<b>Ethical review</b>	Not applicable
<b>Status</b>	Pending
<b>Health condition type</b>	-
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON28010

### Source

Nationaal Trial Register

### Brief title

CHecKID

### Health condition

Any, requiring ECMO

## Sponsors and support

**Primary sponsor:** Not applicable

**Source(s) of monetary or material Support:** Stichting Vrienden van Sophia

## Intervention

## Outcome measures

### Primary outcome

The first hemostatic complication in the first 14 days of ECMO therapy and the test results of conventional and viscoelastic coagulation tests.

## Secondary outcome

Incidence of hemostatic complications and the survival of children on ECMO with and without hemostatic complications.

## Study description

### Background summary

We aim to investigate both conventional coagulation tests (aPTT, anti-Xa, PT) as well as viscoelastic tests (ROTEM/TEG, TGA) and their correlation to hemostatic complications in pediatric extra corporeal membrane oxygenation patients.

### Study objective

The addition of viscoelastic tests (ROTEM/TEG and/or TGA) which reflect the whole hemostatic status on a patient might help to recognize the level of thrombin formation and fibrinolysis and improve care in pediatric ECMO patients.

### Study design

Before initiation ECMO and daily until day 14 of ECMO therapy.

## Contacts

### Public

ErasmusMC  
Joppe Drop

01070436084

### Scientific

ErasmusMC  
Joppe Drop

01070436084

## Eligibility criteria

## Inclusion criteria

Child (<18 years) on ECMO

## Exclusion criteria

> 24 hours on ECMO  
No informed consent

## 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:	Pending
Start date (anticipated):	25-03-2019
Enrollment:	160
Type:	Anticipated

### IPD sharing statement

**Plan to share IPD:** Undecided

## Ethics review

Not applicable	
Application type:	Not applicable

## Study registrations

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

ID: 52557

Bron: ToetsingOnline

Titel:

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

No registrations found.

### In other registers

Register	ID
NTR-new	NL7624
CCMO	NL66711.078.18
OMON	NL-OMON52557

## Study results