# Relation between mixed venous and central venous saturation in sepsis: influence of source of sepsis

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Measurement in an observational setting of mixed en central venous oxygen saturations during the first 24 hours will provide interesting data. Not only can the influence of the sourse of sepsis on these data be described, but also the effect of...

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| **Ethical review** | Approved WMO |
| **Status** | Recruitment stopped |
| **Health condition type** | Ancillary infectious topics |
| **Study type** | Observational non invasive |

## Summary

### ID

NL-OMON31765

**Source**
ToetsingOnline

**Brief title**
Relation between mixed venous and central venous saturation in sepsis

### Condition

- Ancillary infectious topics

**Synonym**
oxygenation/saturation, sepsis

**Research involving**
Human

### Sponsors and support

**Primary sponsor:** Medisch Centrum Leeuwarden
**Source(s) of monetary or material Support:** Stinchting Intensive Care Leeuwarden

## Intervention

**Keyword:** central venous saturation, Mixed venous saturation, sepsis

## Outcome measures

### Primary outcome

SvO2 en ScvO2

### Secondary outcome

use of vasoactiva

LOS ICU and hospital

# Study description

### Background summary

No conscensus has yet been made on interpretation of ScvO2 values compared to SvO2 values and its clinical relevance in critically ill patients, septic patients especially.

### Study objective

Measurement in an observational setting of mixed en central venous oxygen saturations during the first 24 hours will provide interesting data. Not only can the influence of the sourse of sepsis on these data be described, but also the effect of these data on outcome. Here, the course during the first 24 hours after admission can also be described, again with the effect on outcome.

### Study design

multicenter prospective observational study

### Study burden and risks

no risk

# Contacts

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# Trial sites

## Listed location countries

Netherlands

# Eligibility criteria

**Age**
Adults (18-64 years)
Elderly (65 years and older)

## Inclusion criteria

severe sepsis
> 18
indication for an SG/CCO catheter

## Exclusion criteria

elective surgery
pregnancy
contraindication for a central venous catheter
refusal of bloodproducts

# Study design

## Design

**Study type:** Observational non invasive

| | |
|---|---|
| Masking: | Open (masking not used) |
| Control: | Uncontrolled |
| Primary purpose: | Diagnostic |

## Recruitment

NL

| | |
|---|---|
| Recruitment status: | Recruitment stopped |
| Start date (anticipated): | 27-03-2008 |
| Enrollment: | 60 |
| Type: | Actual |

# Ethics review

Approved WMO

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|---|---|
| Date: | 13-11-2007 |
| Application type: | First submission |
| Review commission: | RTPO, Regionale Toetsingscie Patientgebonden Onderzoek (Leeuwarden) |

Approved WMO

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|---|---|
| Date: | 28-02-2008 |
| Application type: | Amendment |
| Review commission: | RTPO, Regionale Toetsingscie Patientgebonden Onderzoek (Leeuwarden) |

# 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 |
| --- | --- |
| CCMO | NL18891.099.07 |