

ESOC Milan 2019 – Overview programme MR CLEAN research group

**Wednesday, May 22th**

---

**Oral Abstract Presentation Session**

---

Session code: **SC01**

Session title: **Scientific Communications -Endovascular Treatment - Clinical Practice**

Session type: **Oral Abstract Presentation Session**

08:40-08:50

INTRAVENOUS TROMBOLYSIS DOES NOT DELAY TIME TO ENDOVASCULAR TREATMENT, SUBSTUDY RESULTS FROM THE MR CLEAN REGISTRY

Speaker: W. Hinsenveld

Location: SC01- Space 1

09:20-09:30

ISOLATED DISTAL INTERNAL CAROTID ARTERY OCCLUSIONS WITH PATENT INTRACRANIAL CIRCULATION IN ACUTE ISCHEMIC STROKE: NO REASON TO REFRAIN FROM ENDOVASCULAR TREATMENT

Speaker: J.W. Hoving

Location: SC01- Space 1

---

Session code: **SC04**

Session title: **Scientific Communications -Sex Differences in Stroke**

Session type: **Oral Abstract Presentation Session**

09:20-09:30

SEX DIFFERENCES IN CLOT EXTENT, ATHEROSCLEROSIS, COLLATERALS AND TISSUE DAMAGE IN ACUTE ISCHEMIC STROKE PATIENTS TREATED WITH ENDOVASCULAR THROMBECTOMY

Speaker: A. van der Meij

Location: SC04 – Amber 1+2)

---

Session code: **SC05**

Session title: **Scientific Communications-Imaging**

Session type: **Oral Abstract Presentation Session**

15:05-15:15

QUANTIFICATION OF HEMORRHAGIC VOLUME IN PATIENTS WITH HEMORRHAGIC TRANSFORMATION AFTER AN ACUTE ISCHEMIC STROKE

Speaker: K. van Kranendonk

Location: SC05- Space 1

15:35-15:45

STROKE ETIOLOGY AND THROMBUS IMAGING CHARACTERISTICS: A MR CLEAN REGISTRY SUBSTUDY

Speaker: N. Boodt

Location: SC05- Space 1

---

Session code: **SC09**

Session title: **Scientific Communications -Service Organisation**

Session type: **Oral Abstract Presentation Session**

15:45-15:55

EARLY DETECTION OF LARGE VESSEL OCCLUSIONS: A COMPARISON OF  
PREHOSPITAL STROKE SCALES FOR DIFFERENT OCCLUSION LOCATIONS IN THE MR  
CLEAN REGISTRY

Speaker: M. Duvékot

Location: SC09- Amber 1+2

---

## **E-poster discussion**

---

Session code: ED10

Session title: E-Poster Discussion-Outcome Complications and Prognosis II

Session type: E-Poster Discussion

18:55-19:00

FOREIGN BODIES IN MECHANICALLY EXTRACTED THROMBI IN ACUTE ISCHEMIC  
STROKE PATIENTS WHO UNDERWENT ENDOVASCULAR TREATMENT

Speaker: H. Hund

Location: ED10 – Exhibition Area

---

## **E-poster viewing**

---

Session code: **EV16**

Session title: **Imaging – Hyperacute**

Session type: **E-Poster Viewing**

08:30-19:10

THROMBUS PERVIOUSNESS IN ACUTE ISCHEMIC STROKE: A SYSTEMATIC REVIEW.

Author: M. Kappelhof

Location: EV16- Exhibition Area

08:30-19:10

VALIDATION OF AUTOMATED ASPECTS SOFTWARE FOR DETECTION OF EARLY  
ISCHEMIC BRAIN CHANGES ON NON-CONTRAST CT SCANS

Author: L. Wolff

Location: EV16- Exhibition Area

---

Session code: **EV19**

Session title: **Neurointervention – Excluding Clinical Trial Results**

Session type: **E-Poster Viewing**

08:30-19:10

OUTCOMES AFTER ENDOVASCULAR TREATMENT IN PATIENTS WITH ACUTE  
ISCHEMIC STROKE AND ACTIVE CANCER: THE MR CLEAN REGISTRY

Author: M. Verschoof, A. Groot

Location: EV19 – Exhibition Area

08:30-19:10

REPEATED ENDOVASCULAR THROMBECTOMY IN ACUTE ISCHEMIC STROKE  
PATIENTS: A CASE SERIES

Author: F. Pirson

Location: EV19- Exhibition Area

---

Session code: **EV23**

Session title: **Prognosis and Outcome After Stroke**

Session type: **E-Poster Viewing**

08:30-19:10

FINDING THE BEST APPROACH TO ANALYZE THE NIHSS AT 24 HOURS TO MEASURE TREATMENT EFFECT IN TRIALS OF ACUTE STROKE

Author: D. Dippel

Location: EV23 – Exhibition Area

08:30-19:10

THE IMPACT OF BODY MASS INDEX ON OUTCOME AFTER ENDOVASCULAR TREATMENT IN ACUTE ISCHEMIC STROKE PATIENTS: A POST-HOC ANALYSIS OF THE MR CLEAN TRIAL

Author: F. Pirson

Location: EV23- Exhibition Area

---

## **Poster Boards**

---

Session code: **PB01**

Session title: **Ongoing Trials**

Session type: **Poster Boards- May 22-24**

08:30-19:10

**MR CLEAN-NO IV**: INTRAVENOUS TREATMENT FOLLOWED BY ENDOVASCULAR TREATMENT VERSUS DIRECT ENDOVASCULAR TREATMENT FOR ACUTE ISCHEMIC STROKE CAUSED BY A PROXIMAL INTRACRANIAL OCCLUSION.

Author: N. LeCouffe

Location: PB01- Exhibition Area

08:30-19:10

MULTICENTER RANDOMIZED CLINICAL TRIAL OF ENDOVASCULAR TREATMENT OF ACUTE ISCHEMIC STROKE IN THE NETHERLANDS FOR LATE ARRIVALS: **MR CLEAN-LATE**

Author: F. Pirson

Location: PB01- Exhibition Area

08:30-19:10

**MR CLEAN-MED** – THE EFFECT OF PERIPROCEDURAL MEDICATION IN PATIENTS UNDERGOING INTRA-ARTERIAL TREATMENT FOR ACUTE ISCHEMIC STROKE: ANTIPLATELET AGENTS, HEPARIN, BOTH OR NEITHER

Author: R. van de Graaf

Location: PB01- Exhibition Area

08:30-19:10

MULTICENTRE RANDOMISED TRIAL OF ACUTE STROKE TREATMENT IN THE AMBULANCE WITH A NITROGLYCERIN PATCH (**MR ASAP**)

Author: R. Reinink

Location: PB01- Exhibition Area

**Thursday, May 23rd**

---

**Oral Abstract Presentation Session**

---

Session code: **SC16**

Session title: **Scientific Communications-Endovascular Stroke Treatment - Who will Benefit?**

Session type: **Oral Abstract Presentation Session**

08:35-08:45

ARTIFICIAL INTELLIGENCE BASED DETECTION OF LARGE VESSEL OCCLUSIONS ON CT ANGIOGRAPHY IN STROKE

Speaker: M. Koopman

Location: SC16- Brown 3

09:05-09:15

2B OR 2C: WHAT SHOULD BE THE TARGET FOR ENDOVASCULAR TREATMENT?

Speaker: N. LeCouffe

Location: SC16- Brown 3

09:35-09:45

INTRACRANIAL ARTERIAL GEOMETRY BASED RISK FACTORS OF UNSUCCESSFUL ENDOVASCULAR TREATMENT OF ACUTE ISCHEMIC STROKE

Speaker: P. Konduri

Location: SC16- Brown 3

---

**E-poster discussion**

---

Session code: **ED21**

Session title: **E-Poster Discussion – Neurointervention II**

Session type: **E-Poster Discussion**

18:40-18:45

REDUCTION OF TIME TO REPERFUSION LEADS TO BETTER OUTCOMES OF ENDOVASCULAR TREATMENT FOR ISCHEMIC STROKE IN ROUTINE CLINICAL PRACTICE: RESULTS OF THE MR CLEAN REGISTRY

Speaker: M. Kappelhof

Location: ED21 – Exhibition Area

18:50-18:55

ORAL ANTICOAGULANT USE PRIOR TO ENDOVASCULAR TREATMENT OF ACUTE ISCHEMIC STROKE: RESULTS FROM THE MR CLEAN REGISTRY

Speaker: R.B. Goldhoorn

Location: ED21 – Exhibition Area

18:55-19:00

PREVALENCE AND OUTCOME OF PATIENTS WITH MULTIVESSEL OCCLUSIONS IN THE MR CLEAN REGISTRY

Speaker: N. LeCouffe

Location: ED21 – Exhibition Area

**Friday, May 24<sup>th</sup>**

---

**Oral Abstract Presentation Session**

---

Session code: **SC21**

Session title: **Scientific Communications- Endovascular Stroke Treatment - Management and Complications**

Session type: **Oral Abstract Presentation Session**

09:00-09:10

THE EFFECT OF PROCEDURAL HEMODYNAMIC CHANGES DURING ANESTHETIC MANAGEMENT ON FUNCTIONAL OUTCOME AFTER ENDOVASCULAR TREATMENT FOR ISCHEMIC STROKE: RESULTS FROM THE MR CLEAN REGISTRY

Speaker: N. Samuels

Location: SC21 – Brown 1+2

09:50-10:00

PREDICTION OF SYMPTOMATIC INTRACRANIAL HEMORRHAGE AFTER ENDOVASCULAR TREATMENT FOR ISCHEMIC STROKE: PERFORMANCE OF 6 PREDICTION MODELS BASED ON STUDIES WITH IV THROMBOLYTICS ALONE

Speaker: N. van der Ende

Location: SC21 – Brown 1+2

## *Work of related authors*

**Wednesday, May 22th**

---

### **Oral Abstract Presentation Session**

---

Session code: **SC05**

Session title: **Scientific Communications-Imaging**

Session type: **Oral Abstract Presentation Session**

14:55-15:05

**MIND THE HEART: ECG-GATED CARDIAC CT-ANGIOGRAPHY IN THE ACUTE PHASE OF ISCHEMIC STROKE**

Author: V. Guglielmi

Location: SC05 – Space 1

---

### **E-poster viewing**

---

Session code: EV02

Session title: **Atrial Fibrillation, Cardioembolism & Heart-Brain Interactions**

Session type: **E-Poster Viewing**

08:30-19:10

**NON ECG-GATED CARDIAC CT-ANGIOGRAPHY FOR DETECTION OF CARDIO-AORTIC SOURCES OF EMBOLISM IN THE ACUTE PHASE OF ISCHEMIC STROKE**

Author: V. Guglielmi

Location: EV02 – Exhibition Area

---

Session code: **EV04**

Session title: **Carotid Stenosis - Large Artery Atherosclerosis**

Session type: **E-Poster Viewing**

08:30-19:10

**PREVALENCE AND PREDICTIVE FACTORS OF CAROTID STENOSIS IN THE PREVENTIVE ANTIBIOTICS IN STROKE STUDY (PASS)**

Author: T. van Velzen

Location: EV04 – Exhibition Area

---

Session code: **EV15**

Session title: **Hyperacute Management – Excluding Clinical Trial Results**

Session type: **E-Poster Viewing**

08:30-19:10

**PRESENTATION OUTSIDE OFFICE HOURS DOES NOT INFLUENCE TREATMENT TIMES FOR REPERFUSION THERAPY FOR ACUTE ISCHEMIC STROKE IN THE GREATER AMSTERDAM AREA**

Author: H. de Bruin, A. Groot, T. Nguyen, I. de Brouwer, M. Kappelhof, etc.

Location: EV15 – Exhibition Area

08:30-19:10

**COMPUTER MODELLING OF CLOT RETRIEVAL-EFFECT OF DIFFERENT OCCLUSION PATTERNS ON FLOW IN CIRCLE OF WILLIS**

Author: T. Phan, R. Beare, M. Goyal, S. Matthew, S. Hilton, V. Srikanth, H. Ma  
Location: EV15 – Exhibition Area

08:30-19:10

ENDOVASCULAR THROMBECTOMY FOR PATIENTS WITH LARGE VESSEL OCCLUSION  
IN OCTA- AND NONAGENARIANS: RESULTS FROM AN INTERNATIONAL  
MULTIDISCIPLINARY SURVEY

Author: R. Singh, M. Almekhlafi, G. Saposnik, etc., M. Goyal

Location: EV15 – Exhibition Area

---

Session code: **EV16**

Session title: **Imaging – Hyperacute**

Session type: **E-Poster Viewing**

08:30-19:10

BLOOD FLOW CHARACTERISTICS IN THE VICINITY OF A THROMBUS IN ACUTE  
ISCHEMIC STROKE

Author: N. Arrarte Terreros

Location: EV16 – Exhibition Area

08:30-19:10

IMAGING SELECTION FOR ENDOVASCULAR THROMBECTOMY: PERFUSION VERSUS  
NON-PERFUSION IMAGING

Author: M. Koopman

Location: EV16- Exhibition Area

08:30-19:10

AUTOMATED LARGE VESSEL OCCLUSION DETECTION FOR PATIENTS WITH ACUTE  
ISCHEMIC STROKE

Author: M. Tolhuisen

Location: EV16- Exhibition Area

---

Session code: **EV23**

Session title: **Prognosis and Outcome After Stroke**

Session type: **E-Poster Viewing**

08:30-19:10

ASSOCIATION BETWEEN LOW BLOOD PRESSURE AND OUTCOME IN PATIENTS WITH  
ACUTE ISCHEMIC STROKE: A POST-HOC ANALYSIS OF THE PREVENTIVE ANTIBIOTICS  
IN STROKE STUDY (PASS)

Author: M. Verschoof, A. Groot, J. Vermeij, et al.

Location: EV23 – Exhibition Area

---

Session code: **EV34**

Session title: **Women and Stroke**

Session type: **E-Poster Viewing**

08:30-19:10

SAFETY OF REPERFUSION THERAPY FOR ACUTE ISCHEMIC STROKE IN PREGNANT  
AND POSTPARTUM WOMEN – A SYSTEMATIC REVIEW

Author: N. LeCouffe

Location: EV34 – Exhibition Area

---

**Poster Boards**

---

Session code: **PB01**

Session title: **Ongoing Trials**

Session type: **Poster Boards- May 22-24**

08:30-19:10

A REDUCTION IN TIME WITH ELECTRONIC MONITORING IN STROKE (ARTEMIS): A  
RANDOMIZED MULTICENTER TRIAL

Speaker: A. Groot

Location: PB01 – Exhibition Area

08:30-19:10

EEG CONTROLLED TRIAGE IN THE AMBULANCE FOR ACUTE ISCHEMIC STROKE TRIAL  
(ELECTRA-STROKE)

Speaker: L. van Meenen

Location: PB01 – Exhibition Area

---

## **E-poster discussion**

---

Session code: **ED11**

Session title: **E-Poster Discussion-Epidemiology II**

Session type: **E-Poster Discussion**

19:05-19:10

BEYOND A SINGULAR ODDS RATIO FROM ORDINAL OUTCOME SCALES: INTRODUCING  
THE NET BENEFIT PROFILE

Speaker: B. Siegerink. Co-authors: T. Zonneveld, P. Nederkoorn

Location: ED11 – Exhibition Area

---



*Work of related authors*

**Thursday, May 23<sup>rd</sup>**

---

**E-poster discussion**

---

Session code: **ED19**

Session title: **E-Poster Discussion-Systematic Review and Meta Analysis**

Session type: **E-Poster Discussion**

18:20-18:25

CARDIAC CT-ANGIOGRAPHY VERSUS ECHOCARDIOGRAPHY FOR DETECTION OF  
CARDIAC THROMBI IN ISCHEMIC STROKE: A SYSTEMATIC REVIEW

Speaker: N.S. Groenveld, co-author: V. Guglielmi

Location: ED19 – Exhibition Area

---

Session code: **ED26**

Session title: **E-Poster Discussion-Service Organisation**

Session type: **E-Poster Discussion**

19:00:19:05

DIRECT PRESENTATION VERSUS TRANSFER FROM A PRIMARY STROKE CENTER OF  
PATIENTS WITH A CONTRAINDICATION FOR IV THROMBOLYSIS

Speaker: L. van Meenen

Location: ED26 – Exhibition Area