



Stroke Live Course

SLICE

THE MULTIDISCIPLINARY STROKE TEAM MEETING

September 7-9, 2015 - Nice, France

Hyatt Regency - Palais de la Méditerranée

PROGRAM



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europa  organisation

The SLICE is endorsed or supported by ESO, ESMINT, ESA, SVIN, SFAR, ANARLF, SFNV, SFNR, AJAR and FRANCE AVC.



SLICE: Multidisciplinary Acute Care for Stroke victims

► Time is brain

► Time is Workflow

► Improving workflow by a synergistic multidisciplinary approach of the patient

Dear friends, Dear colleagues,

Today, "combined Strategy Mechanical treatment + IV lithics" is the new demonstrated paradigm for large vessel stroke treatment. During what is now considered an historical session which took place last February at ICS 2015 in Nashville, TN, USA, four trials were presented – **SWIFT-PRIME, ESCAPE, EXTEND-IA, and MR CLEAN** – which all reached the same conclusion: **Combined treatment is superior to standalone IV lithics, with an unexpected 13% to 27% gain in favorable outcome (mRS 0-2) in the combined arm.** These recent trials demonstrated the need for a **combined team approach introducing a high level of complexity** in stroke workflow and decision making. Recent experiences have demonstrated that "imaging head to reperfusion" within one hour is achievable. However, the process of achieving this metric requires that certain key processes be put in place across specialties and disciplines. These include the presence of an organized emergency team to evaluate and stabilize vitals, secure airways, register the patient into the hospital information system, make a complete clinical assessment, understand the patient's pre-morbid status, expectations of outcome, advance directives, contraindications to treatment (including participation in trials), and the need for ventilation/anesthesia support. Imaging itself needs to be geared up toward efficiency and rapid recanalization therapy.

It is clear that we need to improve the overall workflow in the endovascular management of acute large vessel ischemic strokes as well as the technical approaches we employ. Indeed, collateral infarction is still a current complication in 5% to 12% of cases, intracranial stenosis management is not solved, and tandem occlusion in dissection or carotid stenosis are reported in about 20% of case series and associated with complex revascularization strategies. Local or general anesthesia is still the subject of a controversial debate between the largest stroke units worldwide, and the need for dedicated anesthesiologists trained in stroke management is a crucial point. Post-operative management of ischemic lesions in the setting of large vessel occlusion also plays a major role in the final patient outcome.

All of this is possible – together we can reduce time, improve workflow and mechanical strategies along with overall medical management – when it is based on a well-thought-out and multidisciplinary approach which we need to promote in every Stroke Unit.

That is why we have created SLICE, to bring together all specialties to improve the multidisciplinary management of our patients as well as optimizing the medical and endovascular strategies.

For everyone committed to better stroke care, from paramedics to interventionists, we propose a 3-day session of recorded live experiences from 5 international Stroke Units combined with highly interactive discussions covering every step of the treatment process. Before an experienced panel of neurologists, interventionists, anesthesiologists and stroke nurses every detail of what is going on at each moment in Stroke care will be discussed and evaluated.

Join us!



SLICE is the 100% acute phase meeting.

SLICE means sharing experience and learning the very latest technical strategies, anesthesiological management, and neurological guidelines necessary for efficient and effective decision-making during the acute phase.

SLICE helps us understand the complexity of the regulation system while optimizing real-world workflow of any given structure with practical tips and tricks.

SLICE means coming together to share the practical, "take home" knowledge that can change practice and improve patient care in acute Stroke

SLICE is taking place in Nice on 7th to 9th of September 2015 and we look forward to joining us!



STROKE UNITS* & FACULTY

Gui de Chauliac University Hospital*,
Department of Neuroradiology,
Montpellier, France:



- Alain Bonafé - Neuroradiology
- Vincent Costalat - Neuroradiology
- Caroline Arquizan - Neurology
- Julien Fendeleur - Anesthesiology
- Olivier Beauflis - Emergency

Inselspital, University of Bern*,
Department of Diagnostic and Interventional
Neuroradiology, Berne, Switzerland:



- Jan Gralla - Neuroradiology
- Heinrich Mattie - Neurology
- Marcel Arnold - Neurology
- Urs Fischer - Neurology
- Gerh eard Schroth - Neuroradiology
- Pasquale Mordasini - Neuroradiology
- Kety Hsieh - Neuroradiology
- Frauke Pult - Neuroradiology

The Mount Sinai Hospital,
Klingenstein Clinical Center*,
Department of Neurosurgery,
New York, NY, United States:



- J. Duffy Mocco - Neuroradiology
- Stanley Tuhim - Neurology
- Carolyn Brockington - Neurology
- Johanna Fifi - Neuroradiology
- John Nasrallah - Neurology
- Deborah Horowitz - Neurology
- Mandip Dharmoon - Neurology
- Kara Sheinart - Neurology
- Jesse Weinberger - Neurology
- Ji Chong - Neurology

Medical University of South Carolina*,
Neuroendovascular Surgery, Department
of Radiology and Radiological Sciences,
Charleston, SC, United States:



- Aquilla Turk - Neuroradiology
- Raymond Turner - Neurosurgery
- Imran Chaudry - Neuroradiology
- Alejandro Spiotta - Neurosurgery

Vall d'Hebron University Hospital*,
Stroke Unit and Cerebral
Hemodynamics, Barcelona, Spain:



- Marc Ribó - Neurology
- Alejandro Tomasello - Neuroradiology
- Pilar Coscojuela - Neuroradiology
- Marta Rubiera - Neurology
- Carlos Molina - Neurology
- David Rodríguez-Luna - Neurology
- Jorge Pagola - Neurology
- Marian Muchada - Neurology
- Sandra Boned - Neurology
- Laia Sero - Neurology
- Mario Roca - Neuroradiology

MrClean 'teams'
Maastricht UMC



- Willem van Zwam - Neuroradiology
- Robert van Oostenbrugge - Neurology
- Debbie Beumer - Neurology Amsterdam AMC
- Charles B Majoie - Neuroradiology
- Yvo BWEM Roos - Neurology
- Olvert A Berkhemer - Radiology
- Lucie van den Berg - Neurology Rotterdam EMC
- Aad van der Lugt - Neuroradiology
- Diederik WJ Dippel - Neurology
- Puck SS Franssen - Neurology

University of Pittsburgh
School of Medicine,
Stroke Institute Pittsburgh, PA,
United States



- Tudor G. Jovin - Stroke and Interventional Neurology
- Ashutosh Jadhav - Stroke and Interventional Neurology
- Brian Jankowitz - Endovascular Neurosurgery
- Andrew Ducruet - Endovascular Neurosurgery
- Maxim Hammer - Stroke Neurology
- Vivek Reddy - Stroke Neurology
- Lori Massaro - Stroke Program Coordinator
- Coleen Moran - Neuroanesthesiology
- Brad Moyneaux - Neurological Critical Care

Aix-Marseille University,
University Hospital Timone Adults,
Marseille, France



- Nicolas Bruder - Anesthesiology

Saitama Medical University,
Department of Neurosurgery,
Saitama, Japan



- Shoichiro Ishihara - Neurosurgery



08:30-12:40 **EXPERT PANEL:** J. Fendeleur, J. Mocco, M. Goyal, W. van Zwam, A. Turk, J. Gralla
MODERATORS: T. Jovin, V. Costalat

8:30 WELCOME AND INTERACTIVITY TEACHING LESSONS FOR PARTICIPANTS

STROKE RECORDED CASE - EXPERT PANEL & PARTICIPANTS DISCUSSION

9:00 Gui de Chauliac - University Hospital - Department of Neuroradiology
Montpellier, France

10:00 Medical University of South Carolina - Department of Radiology and
Radiological Sciences - **Charleston, SC, United States**

11:00 **HEALTHY MORNING COFFEE BREAK - EXHIBITION**

LITERATURE REVIEW - LEADING EDGE TOPIC SESSION #1

11:30 IV lithics indications in 2015 - Last update - My Off Label recommendations
C. Arquizan

11:50 **SPONSORED SYMPOSIUM**

« TIPS AND TRICKS » SESSION

12:10 In silico live demo of revascularisation - **V. Costalat**

12:40-13:40 **LUNCH BREAK**

13:40-18:00 **EXPERT PANEL:** N. Bruder, C. Arquizan, G. W. Albers, A.-L. Derelle, T. Jovin, A. Davis
MODERATORS: A. Bonafé, A. Turk

13:40 **TECHNICAL DEMONSTRATIONS ON PARTNERS' BOOTHS**

STROKE RECORDED CASE - EXPERT PANEL & PARTICIPANTS DISCUSSION

14:00 The Mount Sinai Hospital, Klingenstein Clinical Center, Department of
Neurosurgery - **New York, NY, United States**

15:00 Vall d'Hebron - University Hospital - Stroke Unit and Cerebral Hemodynamics
Barcelona, Spain

16:00 **HEALTHY AFTERNOON COFFEE BREAK - EXHIBITION**

LITERATURE REVIEW - LEADING EDGE TOPIC SESSION #2

16:30 Patient Selection with Brain Imaging: Rationale and Controversial Approach
G. Albers - M. Goyal - T. Jovin

STROKE RECORDED CASE - EXPERT PANEL & PARTICIPANTS DISCUSSION

17:00 Inselspital - University of Bern - Department of Diagnostic and Interventional
Neuroradiology - **Bern, Switzerland**

18:30 Sporting Afterwork: For participants who want to stretch their legs!



08:30-13:00 **EXPERT PANEL:** J. Heijmans, C. Arquizan, G. W. Albers, A. Turk, J. Gralla, F. Clarençon
MODERATORS: A. Bonafé, J. Mocco

LITERATURE REVIEW - LEADING EDGE TOPIC SESSION #3

8:30 GA Should now be avoid or only performed in very strict hemodynamic conditions? J. Fendeleur - N. Bruder - J. Heijmans

STROKE RECORDED CASE - EXPERT PANEL & PARTICIPANTS DISCUSSION

9:00 Medical University of South Carolina - Department of Radiology and Radiological Sciences - **Charleston, SC, United Statese**

10:00 Vall d'Hebron - University Hospital - Stroke Unit and Cerebral Hemodynamics **Barcelona, Spain**

11:00 HEALTHY MORNING COFFEE BREAK - EXHIBITION

11:30 SPONSORED SYMPOSIUM

« TIPS AND TRICKS » SESSION

11:50 In silico live demo of revascularisation - J. Gralla

12:20 TECHNICAL DEMONSTRATIONS ON PARTNERS' BOOTHS

13:00-14:00 LUNCH BREAK

14:00-17:00 **EXPERT PANEL:** N. Bruder, T. Jovin, M. Goyal, W. van Zwam, M. Ribo, X. Barreau
MODERATORS: V. Costalat, J. Gralla

STROKE RECORDED CASE - EXPERT PANEL & PARTICIPANTS DISCUSSION

14:00 Gui de Chauiac - University Hospital - Department of Neuroradiology **Montpellier, France**

15:00 Inselspital - University of Bern - Department of Diagnostic and Interventional Neuroradiology - **Bern, Switzerland**

16:00 HEALTHY AFTERNOON COFFEE BREAK - EXHIBITION

LITERATURE REVIEW - LEADING EDGE TOPIC SESSION #4

16:30 Revolution on course in Pre-hospital - Management with the New paradigm of EVT - M. Goyal - M. Ribo

17:00-18:00 ROUND TABLE

Round Table with main Principal Investigators of Trials, what next?

MR CLEAN - SWIFT PRIME - ESCAPE - THRACE - REVASCAT

MODERATORS: J. Gralla - V. Costalat

PRINCIPAL INVESTIGATORS: W. Van Zwam, A. Bonafé, M. Goyal, S. Bracard, T. Jovin

INTERACTIVE DISCUSSION WITH THE AUDIENCE

18:30 Walk/Run For Stroke in Nice with the « France AVC » French Patient Association



08:30-12:30 **EXPERT PANEL:** J. Fendeleur, T. Jovin, M. Goyal, W. van Zwam, M. Ribo, F. Clarençon
MODERATORS: W. van Zwam, V. Costalat

LITERATURE REVIEW - LEADING EDGE TOPIC SESSION #5

8:30 What are the official guidelines in 2015?
M. Ribo - J. Gralla

STROKE RECORDED CASE - EXPERT PANEL & PARTICIPANTS DISCUSSION

9:00 Medical University of South Carolina - Department of Radiology and Radiological Sciences - **Charleston, SC, United States**

10:00 Inselspital - University of Bern - Department of Diagnostic and Interventional Neuroradiology - **Bern, Switzerland**

11:00 **HEALTHY MORNING COFFEE BREAK - EXHIBITION**

LITERATURE REVIEW - LEADING EDGE TOPIC SESSION #6

11:30 Advanced Bench Testing for stentrippers technology. What We have learn ?
P. Machi

11:45 Intracranial Thrombus may help to diagnose Stroke aetiology
C. Dargazanli - V. Costalat

« TIPS AND TRICKS » SESSION

12:00 In silico live demo of revascularisation - **J. Mocco**

12:30-13:30 **LUNCH BREAK**

13:30-17:00 **EXPERT PANEL:** J. Heijmans, G. W. Albers, A. Turk, J. Gralla, X. Barreau, P. Machi
MODERATORS: A. Bonafé, O. Jansen

13:30 **TECHNICAL DEMONSTRATIONS ON PARTNERS' BOOTHS**

STROKE RECORDED CASE - EXPERT PANEL & PARTICIPANTS DISCUSSION

14:00 Gui de Chauliac - University Hospital - Department of Neuroradiology
Montpellier, France

15:00 Vall d'Hebron - University Hospital - Stroke Unit and Cerebral Hemodynamics
Barcelona, Spain

16:00 **HEALTHY AFTERNOON COFFEE BREAK - EXHIBITION**

LITERATURE REVIEW - LEADING EDGE TOPIC SESSION #7

16:30 Ongoing trial open in Acute Phase be aware - Systematic review
T. Jovin

17:00-17:15 **TAKE HOME MESSAGE**

A. Bonafé - V. Costalat
Application for 2016 SLICE Stroke Unit

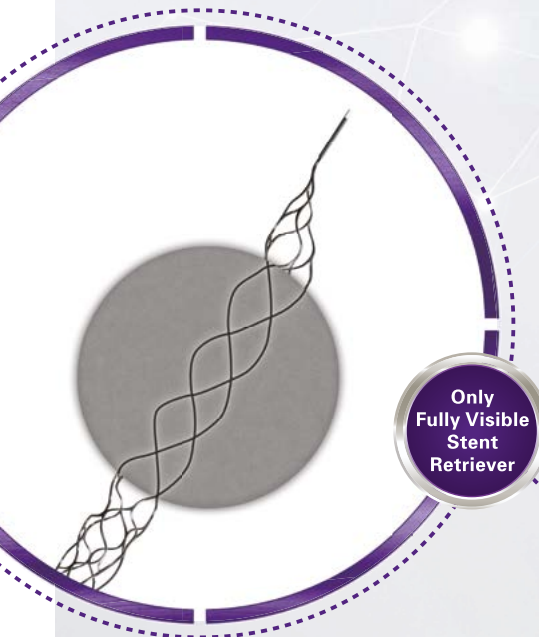
MR CLEAN¹

First clinical evidence for intra-arterial treatment with stent retrievers

stryker[®]
Neurovascular

PROVEN: Level 1 EVIDENCE

- **1st Trial** to show benefit of intra-arterial therapy in patients with confirmed intra-arterial occlusion
- **Largest** of the randomized AIS trials², with over 500 patients enrolled



**66% OF PATIENTS
WERE TREATED WITH A
TREVO STENT RETRIEVER**

- The Trevo[™] Retriever was the **#1**
Device used in the **MR CLEAN** Trial

Only
Fully Visible
Stent
Retriever

Trevo[™]
PROVUE RETRIEVER

- **Winner** of the Prix Galien Award for
Best Medical Technology
- Trusted and used **worldwide**



GALIEN FOUNDATION
PRIX GALIEN USA

¹ O.A. Berkhemer et al. A Randomized Trial for Intra-arterial Treatment for Acute Ischemic Stroke. *N Eng J Med* December 2014.

² MR CLEAN is the largest AIS Trial in which stent retrievers were used.



MONDAY, SEPTEMBER 7, 2015

11:50 STRYKER NEUROVASCULAR SYMPOSIUM

First pass efficacy, cell design and visibility: The Trevo™ XP ProVue Retriever advantage. B. Gerberding

TUESDAY, SEPTEMBER 8, 2015

11:30 MEDTRONIC SYMPOSIUM

The cost effectiveness of SOLITAIRE™ revascularisation Device as an Adjunct to IV-tPA compared to IV-tPA for Acute Ischemic Stroke in the United Kingdom. L. Kyriakos

THEY SUPPORT US

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Further, Together

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Improved diagnosis for life™

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GERMAN ENGINEERING
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Venue

Hyatt Regency Nice - Palais De La Méditerranée
13 Promenade des Anglais, Nice, France

Dates

September 7-9, 2015

Website / Registration & Accommodation

www.slice-online.com

Registration fees

Physicians / Allied Health €700
Fellows / Residents or Graduate Students €450

Organizing Committee (Preliminary list)

Alain Bonafé, M.D. - Interventional Neuroradiologist
Vincent Costalat, M.D. - Interventional Neuroradiologist
Caroline Arquizan, M.D. - Neurologist
Julien Fendeleur, M.D. - Anesthesiologist
Marc Ribó, M.D. - Neurologist (ESO representative)
Patrick Brouwer, M.D. - Interventional Neuroradiologist (ESMINT representative)
Willem van Zwam - Interventional Neuroradiologist
Tudor G. Jovin - Stroke and Interventional Neurology
Nicolas Bruder - Anesthesiologist - Resuscitation
Mayank Goyal - Interventional Neuroradiologist
Gregory W. Albers - Neurologist

Official language

English

Endorsements & Supports

Slice has received the support of:

- **ESO** (European Stroke Organisation)
- **ESMINT** (European Society of Minimally Invasive Neurological Therapy)
 - **ESA** (European Society of Anaesthesiology)
 - **SVIN** (Society of Vascular and Interventional Neurology)
 - **SFAR** (French Society of Anaesthesiology and Resuscitation)
- **ANARLF** (Association of Neuro-Anaesthesiology and Resuscitation)
 - **SFNV** (French Society of Neuro-Vascular)
 - **SFNR** (French Society of Neuroradiology)
- **AJAR** (Association of Young Anaesthesiologist and Resuscitation)
 - **FRANCE AVC** (French Patient Association)

**BETTER BY
DESIGN.**
BACKED BY
DATA.



0%

Symptomatic Intracerebral
Haemorrhage sICH¹

60%

Positive Clinical Outcomes
(mRS 0-2)¹

100%

Solitaire™ Device
Utilization in
SWIFT PRIME¹

Solitaire™ Revascularization Device

Visit us at booth #2

¹ Saver JL, Goyal M, Bonafe A, et al. Stent-retriever thrombectomy after intravenous t-PA vs. t-PA alone in stroke. N. Engl. J. Med. Jun 11 2015;372(24):2285-2295.
Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. CAUTION: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician. © 2015 Medtronic. All Rights Reserved.
EU-15-243930-V1-07/2015

Medtronic
Further, Together

66%

of Patients in MR CLEAN
Were Treated with a
Trevo™ Stent Retriever

stryker[®]
Neurovascular

Trevo[™]
PROVUE RETRIEVER

MR CLEAN¹

**First clinical evidence for intra-arterial
treatment with stent retrievers**

- **Largest** of the randomized AIS trials², with over 500 patients enrolled
- The Trevo Retriever was the **#1** device used in the **MR CLEAN** Trial

¹ O.A. Berkhemer et al. A Randomized Trial for Intra-arterial Treatment for Acute Ischemic Stroke. *N Eng J Med* December 2014.

² MR CLEAN is the largest AIS Trial in which stent retrievers were used.

<http://www.mrclean-trial.org/>