# ICCA STROKE 2022

### **ACUTE STROKE INTERVENTIONS & CAROTID STENTING**

INTERACTIVE CASE DISCUSSIONS
KEY NOTE LECTURES FROM EXPERTS IN THE FIELD
SIMULATOR TRAINING
LATEST CLINICAL TRIALS
NEWEST GUIDELINES

**DISCUSS, SHARE AND LEARN!** 

SEPTEMBER 9-10, 2022 FRANKFURT, GERMANY



### PROGRAM INFORMATION

#### FRIDAY, SEPTEMBER 9

07:00 – 08:00 REGISTRATION & WELCOME COFFEE

08:00 – 10:15 CAROTID STENTING

10:15 – 10:45 COFFEE & TEA BREAK IN THE INDUSTRY EXHIBITION

10:45 – 12:25 CAROTID AND VERTEBRAL STENTING

12:25 – 12:40 PICK UP YOUR LUNCH BOX

12:40 – 13:30
INTERESTING CASES OF CAROTID AND VERTEBRAL STENTING

13:30 – 14:35 ACUTE STROKE INTERVENTIONS: BACKGROUND AND TRIAL RESULT

14:35 – 15:20 POSTERIOR CIRCULATION STROKE – WHAT DO THE TRIALS REALLY TELL US?

15:20 – 15:55 BUILDING AN INTERVENTIONAL STROKE SERVICE

16:25 – 16:55 COFFEE & TEA BREAK

16:55 – 18:00 THE GLOBAL PICTURE – LESSONS LEARNED

#### SATURDAY, SEPTEMBER 10

07:00 – 08:00 REGISTRATION & WELCOME COFFEE

07.00 – 08.00 E-POSTER PRESENTATIONS

08:00 – 08:50 IMAGING FOR THE STROKE INTERVENTIONIST

08:50 – 09:15 PERIPROCEDURAL MANAGEMENT OF ACUTE STROKE INTERVENTIONS

09:15 – 10:25
TRAINING THE INTERVENTIONALIST

10:30 – 10:55 COFFEE & TEA BREAK

10:55 – 12:55 HOW TO DO ACUTE STROKE INTERVENTIONS – PART 1

12:55 – 13:10 PICK UP YOUR LUNCH BOX

13:10 – 14:10 HOW TO DO ACUTE STROKE INTERVENTIONS – PART 2

14:10 – 15:30
CASE EXAMPLES –
ANTERIOR AND POSTERIOR STROKES

15:30 – 16:10 LEARNING FROM COMPLICATIONS DURING ACUTE STROKE

16:10 – 16:40 COFFEE & TEA BREAK

16:40 – 17:10 WRITTEN KNOWLEDGE TEST

17:10 – 17:25 TEST RESULTS AND CLOSING REMARKS



### GENERAL INFORMATION

#### **CONGRESS ORGANIZATION**

cme4u GmbH
Congresses, Meetings & Education
Denise Thom
Phone +49 - 6109 - 69 60 760
Fax +49 - 6109 - 69 60 769
d.thom@cme4u.org
www.cme4u.org

#### **CERTIFIED BY EBAC**

ICCA STROKE 2022 is accredited by the European Board for Accreditation in Cardiology with 16 CME credit hours. Day 1 – 8 CME credits Day 2 – 8 CME credits



#### LIVE CENTER



Cardiovasculäres Centrum Frankfurt (CVC) Seckbacher Landstraße 65 60389 Frankfurt, Germany The event "ICCA 2022" is accredited by the European Board for Accreditation in Cardiology (EBAC) for "12" hours of External CME credits.

Each participant should claim only those hours of credit that have actually been spent in the educational activity. EBAC works according to the quality standards of the European Accreditation Council for Continuing Medical Education (EACCME), which is an institution of the European Union of Medical Specialists (UEMS).

#### ICCA STROKE 2022 IS UNDER THE AUSPICES OF



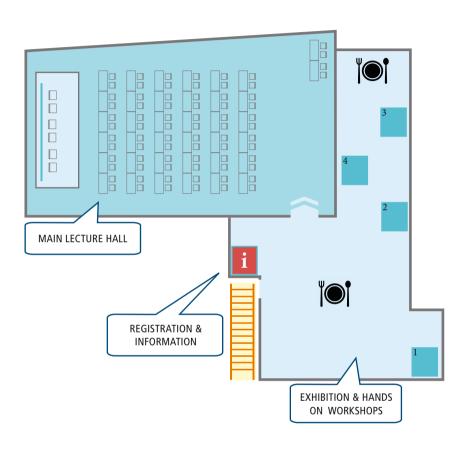


#### ICCA STROKE 2022 IS ENDORSED BY





### FINDING YOUR WAY AROUND



#### **CONGRESS VENUE ICCA STROKE 2022**

Scandic Frankfurt Museumsufer Wilhelm-Leuschner-Straße 44 60329, Frankfurt am Main, Germany SURGICAL SCIENCE

PULSARA

INSPIRE MD

MEDTRONIC

## WE THANK THE FOLLOWING COMPANIES

## Medtronic









HANDS ON WORKSHOPS SUPPORTED BY:

surgicalscience | Simbionix Simulators

## BOARD OF DIRECTORS

#### **COURSE DIRECTORS**

Iris GRUNWALD, MD University of Dundee Dundee, UK

L. Nelson HOPKINS, MD University at Buffalo Buffalo, USA

Klaus MATHIAS, MD Kardiovaskuläres Zentrum, Semmelweiss-Universität St. Georg Hamburg, Germany

Horst SIEVERT, MD CardioVascular Center Frankfurt CVC Frankfurt, Germany

#### CO-DIRECTORS

Stefan BERTOG, MD Minneapolis VA Medical Center Minneapolis, USA

Panagiotis PAPANAGIOTOU, MD Hospital Bremen-Mitte, Germany & National & Kapodistrian University of Athens. Greece

Adnan SIDDIQUI, MD University at Buffalo Buffalo, USA

Kenneth SNYDER, MD University at Buffalo, Buffalo, USA

## SCIENTIFIC FACULTY

Naveed AKHTAR, MD Saint Lukes Neuroscience Institute Kansas City, USA

Carlos Alejandro ALVAREZ, MD Hospital Privado del Sur Buenos Aires, Argentina Artur DZIADKIEWICZ, MD

Florian Ceynowa Hospital in Wejherowo, , Pomeranian Hospitals Wejherowo, Poland

Klaus FASSBENDER, MD Saarland University Medical Center Homburg, Germany

Shailesh GAIKWAD, MD All India Institute of Medical Sciences (A.I.I.M.S) New Delhi, India

Omer GOKTEKIN, MD Memorial Hospital Istanbul, Istanbul, Turkey

Paul GUYLER, MD

Southend University Hospital, Mid and
South Essex University Hospitals
Southend-on-Sea. UK

Avinash KANODIA, MD NHS Tayside Perth, UK

Anton KHILCHUK, MD City Hospital N° 40, Saint-Petersburg ,Russia

Sasko KEDEV, MD University Clinic of Cardiology University Ss Cyril and Methodius Skopje, Macedonia

Evgueni KOUZNETSOV, MD Fargo Veterans Affairs Health Care System North Dakota. USA

Jan KOVAC, MD
University Hospitals of Leicester NHS Trust
Leicester, UK

Matthew LAMBERT, MD NHS Tayside Dundee, UK

Nikita LITVINYUK, MD Regional Hospital Krasnoyarsk, Russia Piotr MUSIAŁEK , MD John Paul II Hospital Krakow, Poland

Reuben Kato MUTAGAYWA, MD Muhimbili University of Health and Alliend Sciences Dar es Salaam, Tanzania

Dimitrios NIKAS, MD Ioannina University Hospital Ioannina, Greece

Atilla Özcan ÖZDEMIR, MD Eskisehir Osmangazi University Eskisehir, Turkey

Prokhor PAVLOV, MD District Clinical Hospital Khanty-Mansysk, Russia

Ivo PETROV, MD University Hospital Acibadem CityClinic Sofia, Bulgaria

Sanjay S PILLAI, MD NHS Tayside Ninewells Hospital & Medical School Dundee, UK

Anna PODLASEK, MD University of Nottingham Nottingham, UK

Maria POLITI, MD General Hospital Evangelismos, Athens Greece

Helen Donald SIMPSON, MD University of Dundee Dundee, UK

Dmitry SKRYPNIK, MD Moscow State University Moscow, Russia

### FRIDAY, SEPTEMBER 9, 2022

07:00 - 08:00

#### REGISTRATION AND WELCOME COFFEE

08:00 - 10:15

#### CAROTID STENTING

MODERATORS / Iris Grunwald / Panagiotis Papanagiotou PANELISTS / Prokhor Pavlov / Carlos Alejandro Alvarez / Adnan Siddiqui/ FACILITATOR / Stefan Bertog



/ from CardioVascular Center Frankfurt CVC, Frankfurt

Update on randomized carotid stenting trials

/ Stefan Bertog

Asymptomatic carotid stenosis – why so much controversy for intervention on the carotid arteries?

/ Piotr Musiałek

Pre-procedural imaging of the carotid artery

/ Avinash Kanodia

How to do carotid stenting – tips and tricks based on > 40 years of experience

/ Klaus Mathias

Advanced techniques of radial access for carotid stenting

/ Sasko Kedev

Proximal protection: tips and tricks

/ Piotr Musiałek

Five years of experience with recanalization and stenting of total carotid stenosis

/ Ivo Petrov

DISCUSSION

10:15 - 10:45

COFFEE & TEA IN THE INDUSTRY EXHIBITION

#### 10:45 - 12:25

#### CAROTID AND VERTEBRAL STENTING

MODERATORS / Klaus Mathias / Sasko Kedev PANELISTS / Piotr Musiałek / Ivo Petrov FACILITATOR / Stefan Bertog



/ from CardioVascular Center Frankfurt CVC, Frankfurt

#### Mesh stents – advantages and limitations

/ Piotr Musiałek

A novel carotid stent, post dilatation balloon, and embolic protection device – Neuroquard IEP System

/ Sasko Kedev

Recorded case

/ Sasko Kedev & Iris Grunwald

Carotid stenting with MER stent - 30 days & 24 months follow-up

/ tba

When and how to treat dissection of the carotid artery

/ Klaus Mathias

C-Guard stent

/ Alejandro Alvarez

When and how to do vertebral stenting: case s

/ Klaus Mathias

DISCUSSION

12:25 - 12:40

PICK UP YOUR LUNCH BOX

12:40 - 13:30

#### INTERESTING CASES OF CAROTID AND VERTEBRAL STENTING

MODERATORS / Kenneth Snyder / Piotr Musiałek PANELISTS / Panagiotis Papanagiotou / Omer Goktekin FACILITATOR / Sanjay Pillai

#### Case based lectures

#### Case 1

/ Sanjay Pillai

#### Case 2

/Kenneth Snyder

#### Case 3

/ Anton Khilchuk

#### 13:30 - 14:35

## ACUTE STROKE INTERVENTIONS: BACKGROUND AND TRIAL RESULTS

MODERATORS / Naveed Akhtar / Kenneth Snyder
PANELISTS / Anna Podlasek / Carlos Alejandro Alvarez / Maria Politi
FACILITATOR / Iris Grunwald

## The evidence for acute stroke interventions – all randomized trials in10 minutes / Stefan Bertog

#### Update on low aspects thrombectomy trials

/ Adnan Siddigui

## Pre-hospital assessment for triage – How can scores or mobile stroke unit help us? Training EMT's and ER docs in recognition

/ Klaus Fassbender

#### Tandem lesions

/ Piotr Musiałek

New drugs for IV thrombolisys and stroke prevention and its implication on thrombectomy / Paul Guyler

DISCUSSION

14:35 - 15:20

## POSTERIOR CIRCULATION STROKE — WHAT DO THE TRIALS REALLY TELL US?

MODERATORS / Kenneth Snyder / Iris Grunwald PANELISTS / Prokhor Pavlov / Klaus Fassbender FACILITATOR / Stefan Bertog

#### The evidence from prior non-randomized studies

/ Mathew Lambert

Debate: The new randomized trials changed everything

#### Pro

/ Adnan Siddiqui

#### Randomized trials, in posterior stroke should we treat

/ Iris Grunwald

#### Artery of Percheron

/ Iris Grunwald

DISCUSSION

15:20 - 15:55

#### BUILDING AN INTERVENTIONAL STROKE SERVICE

MODERATORS / Adnan Siddiqui / Dimitrios Nikas PANELISTS / Carlos Alejandro Alvarez / / Paul Guyler FACILITATOR / Horst Sievert

Similarities and differences of treatment for acute stroke and acute myocardial infarction / Stefan Bertog

#### Communication tools

/ Iris Grunwald

What if something does not work: CT broken down, anaesthesia busy with another emergency, neurologist not available, bi-plane or DSA does not work, stop and conservative management or proceed with intervention?

/ Adnan Siddigui or Kenneth Snyder

#### Round table discussion

Lessons learned: with all cathlab staff- nurses, radiographers, anethestist and stroke team

/ Kenneth Snyder / Sanjay Pillai / Jane Neil / Barry Oneill / Carlos Alejandro Alvarez / Horst Sievert

DISCUSSION

16:25 – 16:55

#### COFFEE & TEA IN THE INDUSTRY EXHIBITION

16:55 - 18:00

#### THE GLOBAL PICTURE – LESSONS LEARNED & HOW TO MOVE FORWARD

MODERATOR / Kenneth Snyder / Panagiotis Papanagiotou PANELISTS / Stefan Bertog / Jan Kovac / Piotr Musiałek FACILITATOR / Horst Sievert

What do you know about North-Dakota? Problems and solutions

/ Evaueni Kouznetsov

How is it going in Poland?

/ Artur Dziadkiewicz

#### A new service in Scotland

/ Sanjay Pillai

#### A cardiologist in Greece

/ Dimitrios Nikas

#### Frankfurt is a crowded place

/ Horst Sievert

#### This is what we do in Odunpazarı/Eskisehir, Turkey

/ Attila Özcan Özdemir

#### This is what we do in Istanbul

/ Omer Goktekin

#### Thrombectomy service in India

/ Shailesh Gaikwad

#### How is it going in Buenos Aires?

/ Carlos Aleiandro Alvarez

#### The Moskov program

/ Dmitry Skrypnik

#### How about Tanzania?

/ Reuben Mutagaywa

#### Other examples around the world

TRD

#### The WIST guidelines and training program

/ Klaus Mathias

#### Round table discussion

#### HANDS-ON WORKSHOP

/ Surgigal Science

#### **ACUTE STROKE SIMULATOR TRAINING**

Hands-on training to practice interventional case(s) on the Simbionix ANGIO Mentor— a high-end virtual reality endovascular simulator that offers different case scenarios with the ability to select from a variety of interventional tools in a realistic environment. Learn tricks, deal with complications and review your performance results.

#### /TRAINERS

/ Iris Harel, Maria Politi, Iris Grunwald, Panagiotis Papanagiotou, Anna Podlasek, Sanjay Pillai, Klaus Mathias OPEN

09:00 - 09:30

10:30 - 11:00

2:00 - 12:30

14:00 - 14:30 16:25 - 16:55

### SATURDAY, SEPTEMBER 10, 2022

07:00 - 08:00

REGISTRATION AND WELCOME COFFEE

DISCUSSION

07.00 - 08.00

#### **E-POSTER PRESENTATIONS**

MODERATORS / Anna Podlasek / Avinash Kanodia

Treated and untreated ischemic stroke of carotid origin in the era of mechanical reperfusion / Karolina Dzierwa

Endovascular treatment of arteriovenous malformation and carotid stenosis simultaneously by direct carotid puncture

/ Victor Torres

Direct carotid puncture for mechanical thrombectomy in acute ischaemic stroke / Victor Torres

Safety and Efficacy of Trans-carotid Intervention in Multiple Scenarios: Medellin Experience using Direct Carotid Access

/ Victor Torres

Establishing a program of competent CAS as an essential step towards routine stroke thrombectomy service

/ Bogdan Janus

Tandem lesion stroke – shall we always strive to kill two birds by one stone? / Magdalena Knapik

What is going on? Getting the right information to the right people at the right time / Valerie Ritchie

Highly-calcific carotid lesions endovascular management in symptomatic and increased-stroke-risk asymptomatic patients using the CGuard™ dual-layer carotid stent system: Analysis from the PARADIGM study

/ Adam Mazurek

Symptomatic Atherosclerotic Plaque Progression as a Face of" Restenosis" in Single-layer Stent CAS: Management, Long-term Outcome - and Prevention

/ Lukasz Tekieli

Permanent carotid occlusion as an endovascular management of tandem atheromatous occlusion in acute ischemic stroke

/ Sara Azzabi Zourag

A double thrombectomy of the mca combined with a left carotid bulb web stenting / Lkharrat Fatima Zahra

#### 08:00 - 08:50

#### IMAGING FOR THE STROKE INTERVENTIONIST

MODERATORS / Iris Grunwald / Adnan Siddiqui PANELISTS / Carlos Alejandro Alvarez / Klaus Mathias / Nikita Litvinyuk FACILITATOR / Kenneth Snyder

#### What you really need and what is nice to have

/ Evgueni Kouznetsov

#### CT – What you need to know

/ Avinash Kanodia

#### Eloquent area

/ Iris Grunwald

## Automatic image analysis and artificial intelligence in stroke detection: Which systems are available, how good are they, how to implement them

/ Anna Podlasek

DISCUSSION

08:50 - 09:15

## PERIPROCEDURAL MANAGEMENT OF ACUTE STROKE INTERVENTIONS

MODERATORS / Kenneth Snyder / Horst Sievert PANELIST / Silke Walter

FACILITATOR / Stefan Bertog

#### Perioperative neurocritical care in endovascular acute stroke treatment

/ Atilla Özcan Özdemir

#### What blood thinners? When and for how long?

/ Kenneth Snyder

DISCUSSION

09:15 - 10:25

#### TRAINING THE INTERVENTIONALIST

MODERATORS / Iris Grunwald / Horst Sievert
PANELISTS / Jan Kovac / Adnan Siddiqui / Helen Donald-Simpson
FACILITATOR / Kenneth Snyder

#### A novel human cadaveric perfused model for cardiovascular interventional training

/ Helen Donald-Simpson

#### Tandem lesion treated with CGuard™ device

/ Iris Grunwald

#### The Dundee/WIST training concept: High fidelity simulators and cadaveric models

/ Iris Grunwald

#### According to interventional neuroradiology societies recommendations

/ Adnan Siddiqui

#### The European Society of Cardiology (ESC) perspective

/ Jan Kovac

#### The WIST training program

/ Klaus Mathias

DISCUSSION

10:30 - 10:55

#### COFFEE & TEA IN THE INDUSTRY EXHIBITION

10:55 - 12:55

#### HOW TO DO ACUTE STROKE INTERVENTIONS - PART 1

MODERATORS / Iris Grunwald / Horst Sievert PANELISTS / Adnan Siddiqui / Kenneth Snyder FACILITATOR / Omer Goktekin

#### Acute stroke intervention step by step - A simulator case

/ Stefan Bertog

#### What you really should know about the anatomy

/ Klaus Mathias

#### Technical skills - new techniques and devices

/ Kenneth Snyder

#### My 5 most important tips and tricks in achieving first pass thrombectomy

/ Atilla Özcan Özdemir

#### When and how to deal with M2/M3 occlusions

/ Maria Politi

#### When is tPA or other lytic still helpful

/ Kenneth Snyder

#### Mechanical thrombectomy in octogenarians

/ Maria Politi

#### Patient selection based on eloquent areas and collaterals

/ Iris Grunwald

12:55 - 13:10

PICK UP YOUR LUNCH BOX

#### 13:10 - 14:10

#### HOW TO DO ACUTE STROKE INTERVENTIONS – PART 2

MODERATOR / Iris Grunwald / Horst Sievert
PANELISTS / Maria Politi / Adnan Siddiqui / Anton Khilchuk
FACILITATOR / Omer Goktekin

Endovascular treatment of acute intracranial stenosis in acute stroke – with only angioplasty with drug eluting balloon

/ Adnan Siddiqui

Acute tandem occlusions (cervical/cerebral, cervical/cervical, cerebral/cerebral) — case examples / Anton Khilchuk

How to deal with acute carotid dissection as cause of acute stroke / Adnan Siddiqui

Transradial and transbrachial ischemic stroke treatment — tips and tricks. Why we should not be afraid of arm access in acute situations / Anton Khilchuk

Direct carotid access for acute stroke interventions

/ Klaus Mathias

DISCUSSION

#### 14:10 - 15:30

#### CASE EXAMPLES – ANTERIOR AND POSTERIOR STROKES

MODERATORS / Adnan Siddiqui / Kenneth Snyder
PANELISTS / Omer Goktekin / Nikitia Litvinyuk / Naveed Akhtar
FACILITATOR / Horst Sievert

Case 1 - Anterior
/ Dmitry Skrypnik

Case 2 - Anterior
/ Kenneth Snyder

Case 3 – Posterior

/ Naveed Akhtar

Case 4 - Posterior

/ Prokhor Pavlov

#### 15:30 - 16:10

#### LEARNING FROM COMPLICATIONS DURING ACUTE STROKE

MODERATORS / Horst Sievert / Prokhor Pavlov PANELISTS / Kenneth Snyder / Sasko Kedev FACILITATOR / Stefan Bertog

#### Case 1

/ Adnan Siddigui

#### Case 2

/ Naveed Akhtar

#### Case 3

/ Artur Dziadkiewicz

DISCUSSION

## 16:10 – 16:40 COFFFF & TFA IN THE INDUSTRY EXHIBITION

16:40 - 17:10

#### WRITTEN KNOWLEDGE TEST

17.10 - 17.25

TEST RESULTS AND CLOSING REMARKS

#### **HANDS-ON WORKSHOP**

#### **Surgigal Science**

#### **CAROTID STENTING SIMULATOR TRAINING**

Hands-on training to practice interventional case(s) on the Simbionix ANGIO Mentor— a high-end virtual reality endovascular simulator that offers different case scenarios with the ability to select from a variety of interventional tools in a realistic environment. Learn tricks, deal with complications and review your performance results.

#### /TRAINERS

/ Iris Harel, Maria Politi, Iris Grunwald, Panagiotis Papanagiotou, Anna Podlasek, Sanjay Pillai, Klaus Mathias OPEN

08:00 - 08:30 09:30 - 10:00 14:10 - 14:40 15:00 - 15:30



### **ICCA 2022: ABSTRACTS**

Below you will find a summary of the abstracts that were accepted forICCA 2022. The moderated e-poster session will take place Saturday, September 10, 2022 from 7.00 – 8.00 AM in the industry exhibition. All abstracts are available for download on the ICCA website:

Treated and untreated ischemic stroke of carotid origin in the era of mechanical reperfusion / Karolina Dzierwa

Endovascular treatment of arteriovenous malformation and carotid stenosis simultaneously by direct carotid puncture / Victor Torres

Direct carotid puncture for mechanical thrombectomy in acute ischaemic stroke / Victor Torres

Safety and Efficacy of Trans-carotid Intervention in Multiple Scenarios: Medellin Experience using Direct Carotid Access / Victor Torres

Establishing a program of competent CAS as an essential step towards routine stroke thrombectomy service / Bogdan Janus

Tandem lesion stroke – shall we always strive to kill two birds by one stone? / Magdalena Knapik

What is going on? Getting the right information to the right people at the right time / Valerie Ritchie

Highly-calcific carotid lesions endovascular management in symptomatic and increased-stroke-risk asymptomatic patients using the CGuard™ dual-layer carotid stent system: Analysis from the PARADIGM study / Adam Mazurek

Symptomatic Atherosclerotic Plaque Progression as a Face of" Restenosis" in Single-layer Stent CAS: Management, Long-term Outcome - and Prevention / Lukasz Tekieli

Permanent carotid occlusion as an endovascular management of tandem atheromatous occlusion in acute ischemic stroke / Sara Azzabi Zouraq

A double thrombectomy of the mca combined with a left carotid bulb web stenting / Lkharrat Fatima Zahra



cme4u is specialized in organizing national and international medical congresses, meetings and workshops.

Whether you are looking to outsource one aspect of your meeting or require full conference management, we can offer you services to suit your needs and to make your conference or meeting a success!

- · Management of Planning and Budget
- · Finding a Venue
- · Registration and Certification
- · Communication with Speakers
- · Sponsorship by Industry
- · Public Relation and Marketing
- · Transportation, Hotel Accommodations and Travel Advisory
- · Post-event Management

www.cme4u.org