



WORKSHOP GUIDE



MVM 2017: The Workshop day

Sunday, February 5th, 2017

Schulungszentrum USZ, Zurich, Switzerland



UniversityHospital
Zurich

www.heart-team.org





MITRAL VALVE MEETING 2017

February 5-7, 2017 – Zurich – Switzerland

The course designed for the modern HEART-TEAM

The first two editions of the Mitral Valve Meeting would not have been successful without the help of the entire faculty, many experts, friends and the active role of the participants. We learned a lot, we had open discussions, we improved translational communication, with the aim to deliver seamless care to our patients.

The upcoming 3rd Mitral Valve Meeting 2017 will feature even more interaction and practical workshops. We organize focused educational activities for the Heart-Team, with practical hands-on guided by experts, novel imaging skills, new technologies, and other subjects related to mitral valve interventions, from surgery to catheter-based therapies.



We will focus on tailored approaches for the different mitral pathologies, and – new hot topic this year – how to target the tricuspid valve, as next frontier after the mitral valve, to complete the armamentarium of the modern Heart-Team.

Live cases will enable interactive and passionate discussions. Collaboration with the industry will expose participants to the most modern technologies and give them a glimpse into the future. It is our ambition that this course will allow physicians to find the necessary information to fill gaps of knowledge between their specialities, entering into the details of the mitral valve. This task can be achieved only within a team approach, with strict collaboration of physicians with different backgrounds, sharing the same objective of delivering the most appropriate therapy tailored to patient needs.

Together we can contribute and shape the future of valve interventions, defining the complementary role of medical, transcatheter and surgical therapies.

Francesco Maisano

Martin B. Leon

CONGRESS VENUE WORKSHOP DAY

Schulungszentrum University Hospital Zurich
Gloriastrasse 19, 8091 Zurich, Switzerland
Welcome and Registration (Großer Hörsaal Ost)
Gloriastrasse 29, 8091 Zurich, Switzerland

CONGRESS VENUE MITRAL DAY & TRICUSPID DAY

ETH Zurich (Main Building)
Rämistrasse 101
8092 Zurich
Switzerland

CONGRESS SECRETARIAT HSEC Swiss

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THE MITRAL APP



REGISTRATION DESK

Sunday, Feb. 5, 2017 8:00 – 19:00
Monday, Feb. 6, 2017 7:00 – 19:00
Tuesday, Feb. 7, 2017 7:00 – 17:00

ACCREDITATIONS



CSH – Cardiologica Societas Helvetias

The event is accredited
with 15,25h 1A credits.



EBAC – European Board for Accreditation in Cardiology

The event is accredited
with 18 CME credits.

SGAR - Schweizerische Gesellschaft für Anästhesiologie und Reanimation

The Event is credited with 21.5
Credits



SGHC – Swiss Society for Cardiac and thoracic vascular surgery

The event is accredited with
20 credits.

SGHC
SSCC

Workshop day: Sunday, February 5th, 2017

Event location: Workshop: Training Center -
Schulungszentrum USZ
(Gloriastrasse 19, 8091 Zurich)
Registration and Opening:
Grosser Hörsaal Ost
(Gloriastrasse 29, 8091 Zurich)

08:00 - 08:30 Registration (*Grosser Hörsaal Ost*)

08:30 - 09:00 Introduction to the Workshops
(*Grosser Hörsaal Ost*)

09:00 - 11:00 First workshop session

11:00 - 11:15 Coffee break

11:15 - 13:15 Second workshop session

13:15 - 14:00 Lunch and networking break

14:00 - 16:00 Third workshop session

16:00 - 16:15 Coffee break

16:15 - 18:15 Fourth workshop session

13:15 - 14:00 Wrap-up (*Grosser Hörsaal Ost*)

Workshop 1

Anatomy of AV valves

A roadmap for structural interventionalists

(featured by  HeartLAB)

Chair: A. Weber

Faculty: V. Badhwar, V. Bapat, N. Borenstein, N. Cesarovic,
A. Cheung, A. Häussler, G. Laufer, M. Pinon,
J. L. Pomar, R. Prêtre, M. Reisman

Take place at sessions: 1, 2, 3, 4

Workshop room: A13

Target

- Cardiologists / Surgeons
- Interventional cardiologists
- Radiologists
- Heart failure specialists
- Cardiac Anesthesiologists

Objective

- Understand mitral and tricuspid valve anatomy
- Compare anatomy to imaging
- 3D visualization of AV valves

Topics

Wet lab demonstration of:

- Anatomy and pathology of the mitral and tricuspid valve
- Comparative anatomy and imaging / 3D / 4D
- What is relevant for surgery and interventions

Workshop 2

Tricuspid Interventions: A Hands-on experience with novel Tricuspid devices (featured by HeartLAB)

Chair: M. Taramasso, P. Denti

Faculty: G. Dreyfus, F. Grigioni, R. Hahn, A. Latib,
J. Rodés-Cabau, J. Schofer, H. Vanermen

Take place at sessions: 1, 2, 3, 4

Workshop room: B1

Target

- Cardiologists / Surgeons
- Interventional cardiologists
- Radiologists
- Heart failure specialists
- Cardiac Anesthesiologists

Objective

- Wet-lab demonstration of surgical techniques
- One-to-one interaction with the expert
- Hands-on practice with the different devices

Topics

Wet lab demonstration of:

- Anatomy of the tricuspid
- Tricuspid valve surgical repair techniques
- Novel transcatheter therapies on simulators
(*MitraClip in tricuspid position, Cardioband, Trialign, Forma*)

Workshop 3

MitraClip Tips & Tricks – Beginner

(featured by  HeartLAB)

Chair: F. Maisano

Facilitator: T. Feldman (session 1)

Facilitator: S. Kar (session 3)

Faculty: T. Feldman, C. Grasso, S. Kar, M. Swaans,
R. S. von Bardeleben

Take place at sessions: 1, 3

Workshop room: B35

Target

- Cardiologists / Surgeons
- MitraClip users with initial therapy experience

Objective

- To learn the basics of MitraClip therapy
- Hands-on training on MitraClip simulators

Topics

- Basic aspects of MitraClip therapy

Workshop 4

MitraClip Tips & Tricks – Advanced

(featured by  HeartLAB)

Chair: F. Maisano

Facilitator: M. Swaans (session 2)

Facilitator: G. Pedrazzini (session 4)

Faculty: T. Feldman, C. Grasso, S. Kar, G. Pedrazzini, J. Schofer, M. Swaans

Take place at sessions: 2, 4

Workshop room: B35

Target

- Cardiologists / Surgeons
- MitraClip users with advanced experience

Objective

- To learn the how to optimize the procedure and outcomes of MitraClip therapy
- Hands-on training on MitraClip simulators

Topics

- Advanced aspects of MitraClip therapy

Workshop 5

Innovation: Learn how to bring your idea to your patients

Chair: L. Biegelsen. M. Leon

Facilitator: M. Meboldt

Faculty: X. Bertrand, G. Cathomas, P. Fitzgerald, M. Geva, A. Gross, A. Guidotti, J. Lennartz, K. Marshall, R. Robb, G. Stone, M. Tocchi, A. Vahanian

Take place at sessions: 1-2, 3-4

Workshop room: A16

Target

- Cardiologists / Surgeons
- Interventional cardiologists
- Radiologists
- Heart failure specialists
- Cardiac Anesthesiologists
- Industry

Objective

- To understand the basics and the cycle of innovation (find the right idea, prototyping, financing, clinical design, team work, pitch presentation)
- group work activities with startup competition (interactive learning experience)

Topics

- Innovation, Ideation, Startup business, Pitching

Workshop Program	Duration	Session 1-2 09:00 - 13:15	Session 3-4 14:00 - 18:15
Intro	5 min	Movie	Movie
The Innovation Cycle - Objective and Workshop Overview	10 min	M. Meboldt	M. Meboldt
Invention vs. Innovation: the cycle of sustainable cardiovascular innovation	10 min	M. Leon	M. Leon
Group activity: Technology Push: inventing solutions - Market Pull: user-oriented innovation	45 min	Groups	Groups
From Idea to Spin-off: The Stanford experience	5 min	P. Fitzgerald	G. Cathomas
Group activity: Ideation and Prototyping	40 min	Groups	Groups
3 Myths of VC	5 min	M. Geva	—
Source of funding for a startup	5 min	—	J. Lennartz
The ecosystem of health care Startups in Switzerland	5 min	G. Cathomas	—
Accelerate your startup	5 min	—	K. Marshall
The right time for the corporate strategic investment	5 min	R. Robb	—
The corporate view of Technology assessment and acquisition	5 min	—	X. Bertrand
Group activity: Pitch your idea	25 min	Groups	Groups
My mitral story from scratch to exit	5 min	—	A. Gross
Patent your idea	5 min	M. Meboldt	—
Validate and verify your idea: R&D and Preclinical steps	5 min	A. Guidotti	—
Regulatory steps for a CV device in Europe and in US	5 min	—	M. Tocchi
From Idea to Change-in-Practice: Which data you need to change guidelines	5 min	G. Stone	A. Vahanian
This is the right startup to invest	10 min	L. Biegelsen	L. Biegelsen
Group Activity: Pitch presentation	30 min	Groups	Groups
Wrap-up	5 min	L. Biegelsen M. Leon M. Meboldt	L. Biegelsen M. Leon M. Meboldt

Workshop 6

Imaging Guidance and Procedural Planning

Learn how to read a CT scan and how to plan and navigate a cardiovascular procedure using advanced multimodality imaging

Chair: A. Plass

Faculty: P. Blanke, M. Chatrou, V. Jelnin, J. Leipsic, K. Lynn, T. D. L. Nguyen-Kim, M. Randsdorp, C. E. Ruiz

Take place at sessions: 1, 2, 3, 4

Workshop room: B22 – B23

Target

- Cardiologists / Surgeons
- Interventional cardiologists
- Radiologists
- Heart failure specialists
- Cardiac Anesthesiologists

Objective

- CT Scan
- Understand mitral and tricuspid valve anatomy through imaging
- Mitral and tricuspid interventions
- Identify therapy target
- Newest Technologies

Topics

This workshop is designed for theoretical know-how transfer as well as practical hands-on in the field of interactive multi-modality cardiovascular imaging. It is an interdisciplinary teaching and learning approach for better handling of CT based datasets and the understanding of opportunities by using specific imaging processing techniques of the latest generation.

Workshop Program and Duration	Session 1 & 2 09:00 - 11:00 and 11:15 - 13:15 Room B 23 Philips	Session 1 & 2 09:00 - 11:00 and 11:15 - 13:15 Room B 22 Osirix	Session 3 & 4 14:00 - 16:00 and 16:00 - 18:15 Room B 23 3mensio	Session 3 & 4 14:00 - 16:00 and 16:00 - 18:15 Room B 22 Circle
Introduction and key objectives (7 min)	A. Plass	A. Plass	A. Plass	A. Plass
Introduction (8 min)	C.E. Ruiz	K. Lynn	3mensio Specialist M. Chatrou	P. Blanke J. Leipsic
Background & Basics: What is standard? What is possible? What is new? (7 min)	Philips specialist V. Jelnin C. E. Ruiz	K. Lynn	T.D.L. Nguyen-Kim	Circle Specialists P. Blanke J. Leipsic
Targets of this workshop: What you will learn in this session (8 min)	Philips specialist V. Jelnin C. E. Ruiz	K. Lynn	T.D.L. Nguyen-Kim	Circle Specialists P. Blanke J. Leipsic
Hands-on: how to plan your mitral case -Guided by experts (40 min)	Philips specialist V. Jelnin C. E. Ruiz	K. Lynn	3mensio Specialist M. Randsdorp	Circle Specialists P. Blanke J. Leipsic
Hands-on: Clinical case: do it yourself (30 min)	Participants	Participants	Participants	Participants
What did you learn? Q&A What will come next? (20 min)	Philips specialist V. Jelnin C. E. Ruiz	K. Lynn	3mensio Specialist M. Chatrou T.D.L. Nguyen-Kim M. Randsdorp	Circle Specialists P. Blanke J. Leipsic

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Workshop 7

Intraprocedural echo guidance

Chair: F. Tanner, M. Zuber

Faculty: E. Agricola, M. Enriquez-Sarano, F. Faletra, R. Hahn, S. Stämpfli, N. Wunderlich

Take place at sessions: 1, 2, 3, 4

Workshop room: C1

Target

- Cardiologists
- Cardiac Surgeons
- Interventional cardiologists
- Heart failure specialists
- Cardiac Anesthesiologists

Objective

- Echocardiographic anatomical approach to the Mitral Valve
- MitraClip, Cardioband, PVL closure, TMVI guidance
- GE, Philips showroom
- Tricuspid imaging

Topics

Join this workshop:

- If you want to be updated on advanced echocardiographic approaches in interventional valvular procedure
- If you want to know how to guide a MitraClip or Cardioband Procedure
- If you want to learn the intraprocedural glossary of anatomical valve echocardiography
- To unveil the forgotten valve with advanced echocardiographic approach, preparing you for navigation in the future armamentarium of structural valve therapies

Workshop Program	Session 1 09:00 - 11:00	Session 2 11:15 - 13:15	Session 3 14:00 - 16:00	Session 4 16:15 - 18:15
Introduction and key objectives (5 min)	<i>E. Agricola M. Zuber</i>	<i>M. Enriquez-Sarano M. Zuber</i>	<i>N. Wunderlich F. Tanner</i>	<i>M. Enriquez-Sarano F. Tanner</i>
Echo Projections for Mitral Interventions and Hands-on Simulator (20 min)	<i>S. Stämpfli</i>	<i>S. Stämpfli</i>	<i>F. Tanner</i>	<i>F. Tanner</i>
Step by Step Guidance for MitraClip - Hands-on MitraClip Interventional Procedure with Echo Simulator (20 min)	<i>S. Stämpfli</i>	<i>S. Stämpfli</i>	<i>N. Wunderlich</i>	<i>N. Wunderlich</i>
Step by Step guidance for Cardioband - Hands-on Cardioband Interventional Procedure with Echo Simulator (20 min)	<i>E. Agricola M. Zuber</i>	<i>E. Agricola M. Zuber</i>	<i>E. Agricola M. Zuber</i>	<i>E. Agricola M. Zuber</i>
Step by Step guidance (Echocardiographic Implication) for PVL closure - Lecture (10 min)	<i>F. Faletra</i>	<i>E. Agricola</i>	<i>F. Faletra</i>	<i>E. Agricola</i>
Echocardiographic Implication for TMVI - Lecture (10 min)	<i>M. Zuber</i>	<i>M. Enriquez-Sarano</i>	<i>M. Zuber</i>	<i>M. Enriquez-Sarano</i>
Step by Step guidance for Tricuspid - Lecture and Live TEE echo screening (20 min)	<i>E. Agricola M. Zuber</i>	<i>R. Hahn S. Stämpfli</i>	<i>E. Agricola F. Tanner</i>	<i>R. Hahn F. Tanner</i>
Participants Hands-on and Discussion (15 min)	<i>Participants</i>	<i>Participants</i>	<i>Participants</i>	<i>Participants</i>

Workshop 8

Heart-Team leadership

How to control the dynamics of a successful Heart Team

Learn the group dynamics to become a leader
in your team

Chair: D. Reser, M. Kolbe

Faculty: O. Alfieri, D. Bettex, F. Buddeberg, B. Grande, J. L. Pomar,
J. Popma, A. Vahanian

Take place at sessions: 1, 3

Workshop room: U 6-8

Target

- Cardiologists / Surgeons
- Interventional cardiologists
- Radiologists
- Heart failure specialists
- Cardiac Anesthesiologists

Objective

- to get to know typical pitfalls of team interaction, decision making and leadership during complex, time-critical situations
- to learn ways of avoiding these pitfalls and contribute to team decision quality which translates into improved patient care

Topics

- Pitfalls of team leadership and interaction, decision-making and communication

Workshop Program	Duration	Session 1 09:00 - 11:00	Session 3 14:00 - 16:00
Introduction and key objectives: Who we are and what we do/ Idea of heart team – why it may (not) work/Learning objectives/ My Heart Team	15 min	<i>O.Alfieri, B. Grande M. Kolbe, D. Reser A. Vahanian</i>	<i>B. Grande, M. Kolbe J. L. Pomar, J. Popma D. Reser</i>
Life simulation Heart team meeting scenario: Patient presentation/Discussion and decision making	45 min	<i>O.Alfieri, D. Bettex F. Buddeberg, B. Grande M. Kolbe, D. Reser A. Vahanian</i>	<i>O.Alfieri, D. Bettex F. Buddeberg, B. Grande M. Kolbe, D. Reser A. Vahanian</i>
Discussion of the scenario: individual treatment decision preferences/Communication patterns/Overall discussion culture?	30 min	<i>O.Alfieri, D. Bettex F. Buddeberg, B. Grande M. Kolbe, D. Reser A. Vahanian</i>	<i>O.Alfieri, D. Bettex F. Buddeberg, B. Grande M. Kolbe, D. Reser A. Vahanian</i>
Debriefing of the scenario: Myths & Facts about team decision-making/Potential implications for controlling heart team discussions/The role of leadership	20 min	<i>O.Alfieri, D. Bettex F. Buddeberg, B. Grande M. Kolbe, D. Reser A. Vahanian</i>	<i>O.Alfieri, D. Bettex F. Buddeberg, B. Grande M. Kolbe, D. Reser A. Vahanian</i>
Final discussion: Take home message	10 min	<i>O.Alfieri, B. Grande M. Kolbe, D. Reser A. Vahanian</i>	<i>B. Grande, M. Kolbe J.L. Pomar, J. Popma D. Reser</i>

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Workshop 9

Surgical skills in mitral intervention

A peer-to-peer cross training between surgeons and cardiologists

(featured by  HeartLAB)

Chair: S. Benussi, W.R. Chitwood

Faculty: O. Alfieri, S. Demertzis, G. Dreyfus, O. Dzemali, F. S. Eckstein, G. Fontana, A. Fumero, M. Glauber, A. Häussler, G. Laufer, N. Moat, M. Pinon, J. L. Pomar, R. Pretre, D. Reser, F. Siclari, H. Vanermen, P. Vogt

Take place at sessions: 1, 2, 3, 4

Workshop room: A11

Target

- Cardiologists / Surgeons
- Interventional cardiologists
- Radiologists
- Heart failure specialists
- Cardiac Anesthesiologists

Objective

- Discover the basics of cardiac surgery
- Learn all the techniques to treat Atrio Ventricular valves
- Implant mitral valve devices by yourself
- Learn Tips and Tricks from Experts

Topics

Wet lab demonstration of:

- Surgical techniques

Workshop Program	Session 1 09:00 - 11:00	Session 2 11:15 - 13:15	Session 3 14:00 - 16:00	Session 4 16:15 - 18:15
Introduction and key objectives pathophysiology and lesion types Lecture (5 min)	<i>W. R. Chitwood</i>	<i>O. Dzemali</i>	<i>W. R. Chitwood</i>	<i>A. Häussler</i>
Repair techniques • Chordal / Edge to edge Lecture / Demonstration / Hands-on (20 min)	<i>S. Benussi</i>	<i>R. Pretre</i>	<i>O. Alfieri</i>	<i>G. Fontana</i>
Repair techniques • Leaflet resection Lecture / Demonstration / Hands-on (20 min)	<i>G. Laufer</i> <i>M. Pinon</i>	<i>R. Pretre</i>	<i>O. Alfieri</i>	<i>G. Fontana</i>
Rings & valves: surgeon toolbox Lecture / Demonstration / Hands-on (20 min)	<i>S. Benussi</i>	<i>M. Pinon</i>	<i>F. S. Eckstein</i> <i>A. Häussler</i>	<i>N. Moat</i>
5 rules for minimally invasive mitral valve surgery Lecture / Demonstration / Hands-on (10 min)	<i>M. Glauber</i>	<i>A. Fumero</i>	<i>H. Vanermen</i>	<i>G. Dreyfus</i>
Surgical Hands-on– training village (45 min)	<i>S. Benussi</i> <i>W. R. Chitwood</i> <i>M. Glauber</i> <i>G. Laufer</i> <i>M. Pinon</i> <i>J. L. Pomar</i>	<i>S. Benussi</i> <i>O. Dzemali</i> <i>A. Fumero</i> <i>M. Pinon</i> <i>R. Pretre</i> <i>D. Reser</i>	<i>O. Alfieri</i> <i>S. Benussi</i> <i>S. Demertzis</i> <i>F. S. Eckstein</i> <i>A. Häussler</i> <i>F. Siclari</i> <i>H. Vanermen</i> <i>P. Vogt</i>	<i>S. Benussi</i> <i>G. Dreyfus</i> <i>G. Fontana</i> <i>A. Häussler</i> <i>N. Moat</i> <i>D. Reser</i> <i>F. Siclari</i> <i>P. Vogt</i>



Notes:

Workshop 10

Wire skills for mitral intervention

A peer-to-peer cross training between cardiologists and surgeons

(featured by  HeartLAB)

Chair: F. Nietlispach

Faculty: A. Colombo, P. Haager, C. Huber, A. Khattab, T. Modine, C. E. Ruiz, G. Sütsch, L. K. von Segesser, A. Vahanian, S. Windecker

Take place at sessions: 1, 2, 3

Workshop room: U14

Target

- Cardiologists / Surgeons
- Radiologists
- Heart failure specialists
- Cardiac Anesthesiologists

Objective

- To learn the basics of wires, sheaths and catheters
- To learn the basics of vascular access closure
- To learn the basics for left atrial access
- Hands-on

Topics

Wet-lab demonstration of:

- Wire skill
- Transseptal puncture – Left Atrial navigation – LAAo
- Access and closure

Workshop Program	Session 1 09:00 - 11:00	Session 2 11:15 - 13:15	Session 3 14:00 - 16:00
Introduction and key objectives (10 min)	<i>F. Nietlispach</i>	<i>F. Nietlispach</i>	<i>F. Nietlispach</i>
Basics of guidewires, catheters and sheaths - Lecture and Demonstration (15 min)	<i>T. Modine</i>	<i>L.K. von Segesser</i>	<i>S. Windecker</i>
Hands-on wire-simulator: exchange catheters, engage coronaries, engage the renal artery-Hands-on (20 min)	<i>A. Colombo, T. Modine F. Nietlispach L. K. von Segesser</i>	<i>C. Huber, A. Khattab T. Modine L.K. von Segesser</i>	<i>C. Huber C. E. Ruiz S. Windecker</i>
Closure devices - Lecture and Demonstration (10 min)	<i>G. Sütsch</i>	<i>P. Haager</i>	<i>P. Haager</i>
Hands-on: use the different closure devices and get familiar with them (10 min)	<i>A. Colombo P. Haager, T. Modine F. Nietlispach G. Sütsch</i>	<i>P. Haager, C. Huber A. Khattab T. Modine</i>	<i>P. Haager C. E. Ruiz S. Windecker</i>
Left atrial access: Transseptal puncture - Lecture and Demonstration (15 min)	<i>A. Colombo</i>	<i>A. Vahanian</i>	<i>C. E. Ruiz</i>
Hands-on: Transseptal puncture simulator (20 min)	<i>A. Colombo, T. Modine F. Nietlispach L.K. von Segesser</i>	<i>C. Huber, A. Khattab T. Modine A. Vahanian</i>	<i>P. Haager C. E. Ruiz S. Windecker</i>
Hands-on: Paravalvular leak closure with Agilis sheath - Navigating in the left atrium (20 min)	<i>A. Colombo, T. Modine F. Nietlispach L.K. von Segesser</i>	<i>C. Huber, A. Khattab T. Modine A. Vahanian</i>	<i>P. Haager C. E. Ruiz S. Windecker</i>

Workshop 11

MitraClip in Japanese

MitraClip 日本語版

(featured by  HeartLAB)

Chair: S. Kuwata

Faculty: S. Kuwata

Take place at sessions: 1

Workshop room: B34

Target

- Cardiologists / Surgeons
- Interventional cardiologists
- Radiologists
- Heart failure specialists
- Cardiac Anesthesiologists

Objective

Workshop in MitraClip

- Basic imaging
- Step by step procedure
- Tips and tricks in challenging anatomies

Topics

Update Structure Heart Disease Intervention

- MitraClip
- Other device of transcatheter mitral valve treatment
- Transcatheter tricuspid valve treatment

Workshop Program (09:00 - 11:00)	Duration	Trainer
Introduction and key objectives 本日のセッションについて	5 min	S. Kuwata
Pathology of MR 僧帽弁逆流について	10 min	S. Kuwata
Which valve is suitable for MitraClip? どのような弁が MitraClip に適しているのか。	10 min	S. Kuwata
MitraClip system; technical aspects MitraClip について一技術的側面から学ぶ	15 min	S. Kuwata
MitraClip procedure; step by step approach MitraClip の手技の実際	15 min	S. Kuwata
LIVE in a bottle; MitraClip cases 症例から学ぶ MitraClip	15 min	S. Kuwata
Hands on demonstration ハンズオン (説明)	10 min	S. Kuwata
Hands on MitraClip ハンズオン	30 min	S. Kuwata
Beyond MitraClip; technology parade and combination therapy 僧帽弁カテーテル治療—ニューテクノロジーおよびコンビネーション治療について	10 min	S. Kuwata

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Workshop 12

Percutaneous Mitral Valve Repair

Hands-on Training Journey

(featured by  HeartLAB)

Chair: L. Rings, H. Rodriguez

Faculty: W. R. Chitwood, S. L. Goldberg, K. H. Kuck, G. Nickenig,
R.S. von Bardeleben

Take place at sessions: 2, 3, 4

Workshop room: B34

Target

- Cardiologists / Surgeons
- Any structural operators interest in expand the portfolio of transcatheter options

Objective

- To learn the basics of different percutaneous mitral repair options
- Hands-on training on high fidelity simulators to learn the technique

Topics

- Introduction and learn the basics of mitral valve repair therapies available in the market

Notes:

Workshop Program	Session 2 11:15 - 13:15	Session 3 14:00 - 16:00	Session 4 16:15 - 18:15
Introduction and key objectives (5 min)	<i>W.R. Chitwood G. Nickenig</i>	<i>W.R. Chitwood S.L. Goldberg K. H. Kuck</i>	<i>W.R. Chitwood S.L. Goldberg R.S. von Bardeleben</i>
Carillon - Cardiac Dimension: Technology Overview/Benchtop demo/Hands-on deer heart implant (40 min)	<i>Cardiac Dimensions Specialists</i>	<i>Cardiac Dimensions Specialists S. L. Goldberg</i>	<i>Cardiac Dimensions Specialists S. L. Goldberg</i>
Cardioband Mitral Reconstruction: Therapy introduction/ Camera simulator Demonstration/ Interactive participants hands-on (35 min)	<i>Valtech Cardio Specialists G. Nickenig</i>	<i>Valtech Cardio Specialists K. H. Kuck</i>	<i>Valtech Cardio Specialists R.S. von Bardeleben</i>
Neochord: System and Therapy Introduction/Hands-on implantation with high fidelity beating symulator (Lifetec) (40 min)	<i>Neochord Specialists W.R. Chitwood</i>	<i>Neochord Specialists W.R. Chitwood</i>	<i>Neochord Specialists W.R. Chitwood</i>

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Workshop 13

Heart Failure Interventions

How valve therapies should be incorporated in the HF therapy portfolio

(featured by  HeartLAB)

Chair: M. Halbe, E. Regar, M. Wilhelm

Faculty: L. Annest, D. Bettex, A. Gkouziouta, D. Jegger, F. Ruschitzka

Take place at sessions: 2, 4

Workshop room: A3

Target

- Cardiologists / Surgeons
- Cardiac Surgeons
- Interventional cardiologists
- Heart failure specialists
- Cardiac Anesthesiologists
- Perfusionists

Objective

- To understand the interrelationship of medical and surgical heart failure therapy
- To understand mechanical circulatory support in acute heart failure
- To learn about left and biventricular assist devices in chronic heart failure

Topics

- Role of medical therapy in the light of the new 2016 ESC guidelines
- ECMO
- Left ventricular assist device
- Biventricular assist device

Workshop Program	Duration	Session 2 11:15 - 13:15	Session 4 16:15 - 18:15
Introduction and key objectives	5 min	M. Halbe E. Regar	M. Halbe E. Regar
Heart failure: the new 2016 ESC guidelines	20 min	F. Ruschitzka	F. Ruschitzka
ECMO as salvage in acute heart failure - Lecture and hands-on with ECMO	25 min	M. Halbe	M. Halbe
LVAD for advanced heart failure: Management of the early post-implant period - Lecture and hands-on with LVAD	25 min	D. Bettex	D. Bettex
BVAD as successful strategy in advanced biventricular heart failure - Lecture and hands- on with BVAD	25 min	A. Gkouziouta	A. Gkouziouta
Minimally-invasive Left Ventricular Scar Exklusion with the Revivent-TC System from Bioventrix	10 min	L. Annest	L. Annest
The world's first fully non-surgically implantable, cordless, autonomous VAD using TAVI implantation technique	10 min	D. Jegger	D. Jegger

Notes:

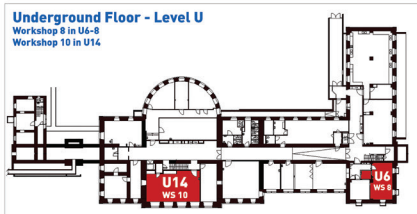
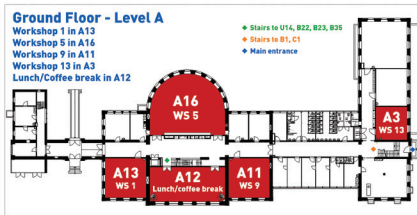
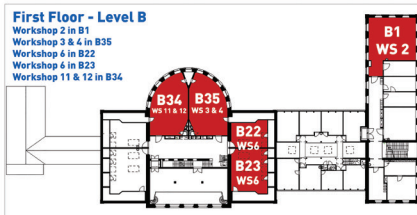
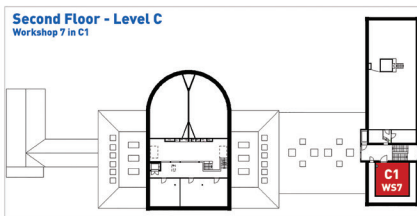
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Venue map - Workshop day



Workshop index

- Workshop 1 in A13 (ground floor)
- Workshop 2 in B1 (first floor)
- Workshop 3 & 4 in B35 (first floor)
- Workshop 5 in A16 (ground floor)
- Workshop 6 in B22 (first floor)
- Workshop 6 in B23 (first floor)
- Workshop 7 in C1 (second floor)
- Workshop 8 in U6-8 (underground floor)
- Workshop 9 in A11 (ground floor)
- Workshop 10 in U14 (underground floor)
- Workshop 11 & 12 in B34 (first floor)
- Workshop 13 in A3 (ground floor)
- Lunch/Coffee break in A12 (ground floor)



Mitral Valve Meeting 2017



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