



SORIN | CAMPUS

CARDIAC LEARNING SOLUTIONS



EQUIPPED TO PERFORM



SORIN GROUP
AT THE HEART OF MEDICAL TECHNOLOGY



OUR VISION

As a global leader in Cardiac Surgery, Sorin Group is committed to providing comprehensive solutions and partnership support through continuous Training & Education programs on innovative technologies and solutions to enhance patient care. Thanks to our cooperation with world class professionals, Sorin can offer a full range of state-of-the-art programs designed to enhance skills and expertise, share best practices and meet the needs of those healthcare professionals who strive for excellence in cardiac surgery.

“Education, research and innovation must be the growth drivers for all surgeons, but always at the service of patients.”

– Mattia Glauber, M.D.



TABLE OF CONTENTS:

AORTIC SOLUTIONS

“See One – Do One” AVR with Solo Smart (Open Surgery) – Groningen (NL)	5
Minimally Invasive AVR with Solo Smart (MICS) – Brescia (IT)	6
Sutureless AVR with Perceval – Multiple Locations Worldwide	7

MITRAL SOLUTIONS

Choosing and Mastering Repair Techniques (Open Surgery) – Genk (BE)	13
Complex Mitral Valve Repair (Open Surgery) – Leiden (NL)	14
Minimally Invasive Mitral Valve Repair (MICS) – Massa (IT)	15

CARDIAC SURGERY SOLUTIONS

Minimally Invasive Cardiac Surgery (MICS) – Antwerp (BE)	17
--	----

PERFUSION SOLUTIONS

ECMO Clinical Applications and Management – Milan (IT)	19
Advanced Autotransfusion (ATS) – Eindhoven (NL)	20
Perfusion Emergency and Incidents Management – Berlin (DE)	21
Goal Directed Perfusion (GDP) – Eindhoven (NL)	22

AGENDA & REGISTRATION FORMS

Training Program Agenda and Registration Forms	23
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AORTIC SOLUTIONS



EQUIPPED TO PERFORM



“SEE ONE – DO ONE” AVR WITH SOLO SMART (OPEN SURGERY)



INSTRUCTOR:
Professor Massimo A. Mariani, M.D.,
Ph.D., FECTS

LOCATION:
UMCG - Groningen, The Netherlands



PROGRAM OVERVIEW:

This workshop was specifically designed to teach surgeons how to effectively implant Solo Smart so that they can return to their medical facility and perform 1 or ideally 2 cases within 10 days of attending this course (recommended maximum timeframe). This course will enhance the implant procedure and reduce the overall learning curve when performing valve replacement using the

Solo Smart aortic valve prosthesis. As a stentless pericardial tissue valve, Solo Smart was specifically designed for patients requiring superior hemodynamic performance.



CADAVER LAB:

Offering a very hands-on approach, our cadaver laboratory allows surgeons the opportunity to refine their implantation skills through observation, and repetition.

SPECIAL REQUIREMENTS:

Participants must bring an MRSA free declaration not older than 1 month and an Hepatitis B vaccine declaration, required by the Dutch hospital regulation in order to be able to enter the OR.

INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons.

COURSE DURATION:

This is a two day training program starting mid-day on the first day.

PATIENT BENEFIT:

NATIVE LIKE HEMODYNAMICS

One of the most common desires of cardiac surgery patients is to go back to their previous active lifestyle. Solo Smart, the only native-like valve as easy to implant as a stented valve, respects the physiology of the flexible aortic root and provides physiological hemodynamic outcomes to adapt to patients' everyday needs.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.



MINIMALLY INVASIVE AVR WITH SOLO SMART (MICS)



INSTRUCTOR:

Dr. Alberto Repossini, M.D.

LOCATION:

University of Brescia - Cardiac Surgery
Spedali Civili - Brescia, Italy



PROGRAM OVERVIEW:

This program was specifically designed for cardiac surgeons who want to learn advanced MICS techniques when implanting Solo Smart. As an advocate for MICS, Dr. Repossini will teach surgeons attending this program his modern minimally invasive approach. This will allow surgeons to enhance the implant procedure and reduce the overall learning curve when implanting the Solo



Smart aortic valve prosthesis. As a stentless pericardial valve, Solo Smart was specifically designed for patients requiring superior hemodynamic performance.

INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons.

COURSE DURATION:

This is a day and a half training program that ends mid-day on the second day.

PATIENT BENEFIT:

The combination of Solo Smart and a MICS approach provides patients with multiple benefits. This includes reduced surgical trauma with native-like hemodynamic outcomes.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.



SUTURELESS AVR WITH PERCEVAL – MULTIPLE LOCATIONS WORLDWIDE

TORONTO, CANADA
TRILLIUM CARDIOVASCULAR ASSOCIATES
MINI STERNOTOMY
GOPAL BHATNAGAR, M.D.

TORONTO, CANADA
HAMILTON GENERAL HOSPITAL
MINI STERNOTOMY
KEVIN TEOH, M.D.

MONTRÉAL, CANADA
UNIVERSITÉ DE MONTRÉAL
MINI THORACOTOMY
DENIS BOUCHARD, M.D.

PARIS, FRANCE
INSTITUTE MUTUALISTE MONTSOURIS
OPEN SURGERY
FRANCOIS LABORDE, M.D., PROFESSOR

BRESCIA, ITALY
FONDAZIONE POLIAMBULANZA
MINI STERNOTOMY
GIOVANNI TROISE, M.D.
MARCO CIRILLO, M.D.

MASSA, ITALY
OSPEDALE DEL CUORE G. PASQUINUCCI
MINI THORACOTOMY
MARCO SOLINAS, M.D.

HANNOVER, GERMANY
MEDIZINISCHE HOCHSCHULE
MINI STERNOTOMY
MALAKH LAL SHRESTHA, M.B.B.S, PH.D.

NÜRNBERG, GERMANY
KLINIKUM NÜRNBERG
MINI STERNOTOMY
THEODOR J.M. FISCHLEIN, M.D., PROFESSOR
STEFFEN PFEIFFER, M.D., PROFESSOR

GRAZ, AUSTRIA
MEDIZINISCHE UNIVERSITÄT
MINI STERNOTOMY
OTTO DAPUNT, M.D., PROFESSOR
PETER J. OBERWALDER, M.D.

CATANIA, ITALY
OSPEDALE POLICLINICO VITTORIO EMANUELE
MINI STERNOTOMY
CARMELO MIGNOSA, M.D.

Training programs shown here are valve/procedure specific. For surgeons seeking a more in-depth training course on how to perform MICS procedures including Mini Sternotomy and Mini Thoracotomy, please contact your Sorin representative. These more extensive MICS training programs can be arranged on a limited basis.

COURSE OVERVIEW:

Given the increasing need for advanced AVR solutions, demand for Sorin Perceval continues to grow each year – as the only truly sutureless device on the market. To keep up with demand, Sorin has developed a highly comprehensive training program for Perceval AVR. With 45 of the world’s leading cardiac surgeons actively involved as traveling program proctors ([see Perceval International Proctors on pages 9-11](#)), in addition to the eight Centers of Excellence that offer Perceval observational training, this program is currently offered on multiple continents. In fact, with more than 8000 units implanted to date in over 250 centres and 30 countries worldwide, this has become the largest cardiac surgeon training program for sutureless AVR in the world. Given our expansive network of physician experts, the highly robust Perceval training program includes a wide variety of AVR approaches and techniques, from the more traditional Full Sternotomy to Mini Sternotomy and Right Mini Thoracotomy.

INTENDED AUDIENCE:

These workshops were designed for cardiac surgeons and their medical centers seeking certification on Perceval implantation in order to broaden and advance their patient offering in the area of AVR therapies, devices and procedures.

PATIENT BENEFIT:

REDUCED TRAUMA / FASTER RECOVERY

The Perceval sutureless tissue valve facilitates easier, safer and more reproducible procedures. By minimizing ischemic time and surgical trauma, Perceval reduces complications allowing for faster recovery. In addition, the valve’s superelastic stent facilitates atraumatic and precise positioning while adapting to the anatomy of the aorta. This delivers enhanced hemodynamic performance while providing shock absorption during the cardiac cycle which reduces stress on the commissures and improves overall durability.



IN ORDER TO OBTAIN CERTIFICATION AND START IMPLANTING PERCEVAL, THE MANDATORY TRAINING STEPS ARE:

Step 1: Theoretical & Hands-on Training

Product presentation, clinical data/outcomes discussion, in-service on valve collapsing, preparation and implantation technique, dry or wet lab on animal heart.

Step 2: Program Proctorship

- Trainer/Proctor visits trainee surgeons to assist on their first implantation session. (minimum 2 proctored cases via sternal approach, required for Certification)
- Trainee surgeon selects at least 2 patients before proctorship is arranged. Patient selection may be discussed with the Proctor in the days before training. The proctorship also includes a dry lab and in-service from a Sorin Clinical Specialist to the OR staff on the valve collapsing and preparation technique

An optional “observational training” is also available at the above listed [Sorin Perceval Centre’s of Excellence](#):

Visitors will be able to observe an expert surgeon performing AVR cases with Perceval (via Open or MICS approach) in the OR. They will also be able to discuss with the trainer about implantation technique, product features, patient indications and selection, echocardiography evaluation, patient/clinical benefits and available clinical data.

Please see the next page for an overview of the Perceval International Proctors which includes leading cardiac surgeons from Cardiac Centers of Excellence located throughout the world.

For more information, answers to your questions and assistance with course registration regarding Perceval training and proctorship programs, please contact your local Sorin Representative.

PERCEVAL INTERNATIONAL PROCTORS



AUSTRALIA



Simon C. Moten, M.D.
Austin Health and Royal Melbourne Hospital



Douglas Arthur Wall, M.D.
Princess Alexandra Hospital
Brisbane



AUSTRIA



Peter J. Oberwalder, M.D.
Medizinische Universität
Graz



BELGIUM



Laurent De Kerchove, M.D.
Cliniques Universitaires Saint-Luc
Bruxelles



Bart Meuris, M.D., Ph.D., Professor
U.Z. Gasthuisberg Cardiale Heelkunde
Leuven



Philippe Noirhomme, M.D., Professor
Cliniques Universitaires Saint-Luc
Bruxelles



CANADA



Gopal Bhatnagar, M.D.
Trillium Cardiovascular Associates
Toronto



Denis Bouchard, M.D.
Université de Montréal



George T. Christakis, M.D., Professor
Sunnybrook Health Science Center
Toronto



Kevin Teoh, M.D.
Hamilton General Hospital
Toronto

PERCEVAL INTERNATIONAL PROCTORS



CZECK REPUBLIC



Aleš Mokráček, CSc., M.D., Ph.D., Professor MUDr.
Hospital České Budějovice



FRANCE



Francois Laborde, M.D., Professor
Institute Mutualiste Montsouris
Paris



GERMANY



Pascal M.C.E. Dohmen, M.D., Ph.D., Professor
Herzzentrum Universität
Leipzig



Stephen Hohe, M.D.
Schoen Clinic Vogtareuth



Malakh Shrestha, M.B.B.S, Ph.D.
Medizinische Hochschule
Hannover



Theodor J.M. Fischlein, M.D., Professor
Klinikum Nürnberg



Michael Lass, M.D., Professor
Asklepios Klinik Sankt Georg
Hamburg



Jens Wippermann, M.D.
Uniklinik Köln



Thorsten Hanke, M.D., Assistant Professor
Universitätsklinikum Schleswig-Holstein,
Campus Lübeck



Steffen Pfeiffer, M.D., Professor
Klinikum Nürnberg



GREECE



Christos Alexiou, M.D., Ph.D., FRCS(CTh)
Euromedica General Hospital
Thessaloniki



ISRAEL



Ram Sharony, M.D.
Tel Aviv Sourasky Medical Center

PERCEVAL INTERNATIONAL PROCTORS



ITALY



Marco Cirillo, M.D.
Fondazione Poliambulanza
Brescia



Mattia Glauber, M.D.
Milano



Marco Solinas, M.D.
Ospedale del Cuore G. Pasquinucci
Massa



Matteo Ferrarini, M.D.
Istituto Clinico Humanitas
Milano



Carmelo Mignosa, M.D.
Ospedale Policlinico Vittorio Emanuele
Catania



Giovanni Troise, M.D.
Fondazione Poliambulanza
Brescia



MALAYSIA



Jeffrey Jeswant Dillon, M.D.
National Heart Institute
Kuala Lumpur



SINGAPORE



Theodore Kofidis, M.D., P.D. (Ger)., FAHA, FAMS
National University Health System
Singapore



SLOVENIA



Borut Geršak, M.D., Ph.D., Professor
University Medical Center
Ljubljana



SPAIN



Sergio J. Canovas, M.D., Ph.D.
Hospital Clínico Universitario Virgen de la Arrixaca
Murcia



SWEDEN



Peter Svenarud, M.D., Ph.D.
Karolinska Institutet, Karolinska University Hospital
Stockholm



UNITED KINGDOM



Andrew Chukwuemeka, M.D., FRCS
Imperial College NHS Trust
London

MITRAL SOLUTIONS



EQUIPPED TO PERFORM



THE ART OF REPAIR: CHOOSING AND MASTERING REPAIR TECHNIQUES (OPEN SURGERY)



INSTRUCTOR:
Professor Robert A. Dion, M.D.
and his heart team

LOCATION:
Ziekenhuis Oost-Limburg, Genk, Belgium



PROGRAM OVERVIEW:

Participating surgeons will scrub in with Professor Dion and his heart team. Throughout the workshop participants will be instructed on pre and peri-operative echocardiographic assessment, valve analysis, exposure techniques, sizing and measuring. This training course will also offer many tips and tricks to enhance repair techniques and improve ring implantation. Various pitfalls will also be discussed to aid surgeons in avoiding these challenges in the future.



INTENDED AUDIENCE:

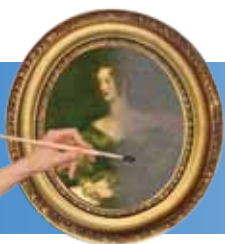
This workshop was designed for cardiac surgeons who want to master the basic principles of heart valve repair.

COURSE DURATION:

This is a day and a half training program starting mid-day on the first day of training.

PATIENT BENEFIT:

Mitral Valve Repair allows patients to have their own native heart valve repaired which restores their condition and provides a life-lasting physiological solution.



LIKE RESTORATION OF A PRECIOUS WORK OF ART, HEART VALVE REPAIR RESTORES THE ORIGINAL AND REVEALS THE MASTERPIECE.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.



THE ART OF REPAIR: COMPLEX MITRAL VALVE REPAIR (OPEN SURGERY)



INSTRUCTOR:
Professor Robert J.M. Klautz, M.D., Ph.D.

LOCATION:
Leiden University Medical Center –
The Netherlands



PROGRAM OVERVIEW:

This workshop is designed for cardiac surgeons who want to expand their skills and expertise in repairing degenerative complex mitral valve diseases using a full sternotomy approach. The program will cover all major aspects of patient selection, valve repair from pre-op to post-op echo assessment, as well as intra-op valve exposure techniques, analysis, sizing, tips, tricks and pitfalls. Participants will be able to go to the OR and observe 2-3 live cases with Professor Klautz.

SPECIAL REQUIREMENTS:

Participants must bring an MRSA free declaration not older than 1 month and an Hepatitis B vaccine declaration, required by the Dutch hospital regulation in order to be able to enter the OR

INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons, echocardiographers, and cardiologists.

COURSE DURATION:

This is a day and a half training program starting mid-day on the first day of training.



PATIENT BENEFIT:

Mitral Valve Repair provides a superior solution, as it restores the native valve and reduces the impact associated with prosthetics. This also eliminates the need for anti-coagulation therapy and significantly increases long-term durability.



LIKE RESTORATION OF A PRECIOUS WORK OF ART, HEART VALVE REPAIR RESTORES THE ORIGINAL AND REVEALS THE MASTERPIECE.

For more information, course registration and logistics please [click here](#).

You can also contact your local Sorin Representative to answer questions

[TABLE OF CONTENTS](#) ↑



THE ART OF REPAIR: MICS MITRAL VALVE REPAIR MINI THORACOTOMY AND/OR MINI STERNOTOMY



INSTRUCTOR:
Dr. Marco Solinas, M.D.

LOCATION:
Ospedale del Cuore G. Pasquinucci –
Massa, Italy



PROGRAM OVERVIEW:

This program was designed for cardiac surgeons and their surgical teams who want to enhance their education and skills and learn advanced techniques for minimally invasive mitral valve repair. The workshop will be held at the Ospedale del Cuore, renowned internationally as a Center of Excellence for Minimally Invasive Cardiac Surgery.



INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons and is also open to the surgical team (Surgeon, Perfusionist and/or Instrumentation Nurse).

COURSE DURATION:

This is a two day training program.

PATIENT BENEFIT:

MICS Mitral Valve Repair not only provides patients with the benefits and long-term outcomes associated with valve repair, but it also reduces surgical trauma. This decreases the time a patient spends in the ICU, and shortens the overall hospital length of stay.



LIKE RESTORATION OF A PRECIOUS WORK OF ART, HEART VALVE REPAIR RESTORES THE ORIGINAL AND REVEALS THE MASTERPIECE.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.

CARDIAC SURGERY SOLUTIONS



EQUIPPED TO PERFORM



MICS CARDIAC SURGERY



INSTRUCTOR:
Dr. Ivo Deblie, MD

LOCATION:
Middelheim Hospital - Antwerp, Belgium



PROGRAM OVERVIEW:

The course is specifically designed for Cardiac Surgeons who want to create a Minimally Invasive Cardiac Surgery Program in their hospital. It is open to the cardiac surgery team and has been designed as a comprehensive course that provides exposure to the complete MICS surgical suite/solution.

This is a great opportunity for surgical teams to see the comprehensive portfolio of technology needed to set up a highly advanced and state-of-the-art MICS program in their hospital including:

- Heart Valves
- Heart-lung machine
- Goal directed perfusion
- Autotransfusion/blood management
- Oxygenation/filtration
- Cannulae/cardioplegia

In addition, this workshop will expose participants to Dr. Deblie's extensive knowledge and skills so they can learn firsthand best practices in minimally invasive cardiac surgery. Participants will also have exposure to Middelheim Hospital in Antwerp, providing a perfect example of a state-of-the-art MICS facility. Developed by Dr. Deblie, this highly advanced and modern clinic provides a very thorough understanding of MICS equipment and technology and reveals the ideal MICS solution.

INTENDED AUDIENCE:

The workshop was designed for the cardiac team (Surgeon, Anesthesiologist, Perfusionist and/or Scrub Nurse).

COURSE DURATION:

This is a two day training program.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.



PATIENT BENEFIT:

With advanced training, proven procedures and the most technically advanced devices available today, we can continue to advance in the world of minimally invasive cardiac surgery. The efficiencies provided through this investment will continue to reduce trauma and surgical impact – accelerating recovery and improving overall patient outcomes.

PERFUSION SOLUTIONS



EQUIPPED TO PERFORM



ECMO CLINICAL APPLICATIONS AND MANAGEMENT



INSTRUCTOR:
Dr. Federico Pappalardo, M.D.

LOCATION:
Ospedale San Raffaele - Milan, Italy



PROGRAM OVERVIEW:

Sorin Group is proud to offer a very interesting education program on Extra Corporeal Membrane Oxygenation (ECMO) developed in conjunction with Dr. Federico Pappalardo. San Raffaele Hospital is a renowned clinical hospital with vast expertise in treatment of patients with cardiovascular diseases.

Every year San Raffaele performs approximately 75-100 cases of ECMO including transports of patients with ECMO. This workshop will allow participants to share Dr. Pappalardo's extensive knowledge on ECMO.



TRAINING INCLUDES:

- ECMO Intra/Inter hospital transport: minimizing risks, tips and guidelines; cannulation and decannulation
- Management of anticoagulation and blood products during ECMO
- Hands-on session includes installation, set up, main features, priming, troubleshooting and switching equipment after transportation.

INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons, anesthesiologists and perfusionists interested in ECMO education, guidelines and advanced techniques.

COURSE DURATION:

This is a one day training program with dinner the evening beforehand with Dr. Pappalardo.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.



ADVANCED AUTOTRANSFUSION (ATS)



INSTRUCTOR:
Ed Overdeest, CCP

LOCATION:
Catharina Hospital - Eindhoven, The Netherlands



PROGRAM OVERVIEW:

The main goal of this training program is to offer participants advanced education on autotransfusion. Specific emphasis is placed on how to maintain the highest standards in blood management during cardiac surgery through proven techniques, resulting in better patient care and overall outcomes.



INTENDED AUDIENCE:

This course is specifically designed for perfusionists, anesthesiologists and clinical personnel interested in autotransfusion and blood management techniques.

COURSE DURATION:

This is a day and a half training program starting mid-day on the first day of training.

PATIENT BENEFIT:

REDUCING HOMOLOGOUS BLOOD TRANSFUSION

Advanced ATS training and technology can reduce homologous blood transfusion. Acting on retransfusion of washed red blood cells minimizes the impact of hemodilution by improving HCT while implementing Goal Directed Perfusion. Using phosphorylcholine coating with concurrent shed blood separation further reduces mechanical alteration of red blood cells and coagulation disturbances in routine CPB procedures. This reduces the need for homologous transfusions which decreases the incidence of associated complications that results in improved outcomes.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.



PERFUSION EMERGENCY AND INCIDENTS MANAGEMENT



INSTRUCTOR:
Dipl. med. Päd Frank Merkle

LOCATION:
Academy of Perfusion at the
German Heart Centre Berlin



PROGRAM OVERVIEW:

The training will focus on emergency and incident management. The goal is to equip perfusionists to perform in stressful and unexpected situations and leverage the education and tools provided by Sorin to increase patient safety.



TRAINING INCLUDES:

- Bubble Alarm: How to handle bubbles in the arterial line
- Oxygenator Exchange: How to exchange an oxygenator during ECC
- Low Venous Return: How to handle low venous return flow
- Low Reservoir Level: How to handle low reservoir levels
- High Arterial Pressure: What to do when the pressure in the arterial line is high
- Pump Stop: Why would the pump stop. How to handle pump stops. How to hand crank
- Alarms: How to handle different alarms and how to override them
- Data-Management: How to use Connect as a documentation tool

INTENDED AUDIENCE:

This course was intended for Perfusionists who want to increase their level of knowledge and skill regarding the handling of critical situations during ECC. It is also ideal for Perfusionists who bought a new HLM and require basic training and Perfusionists who are interested in learning more about Sorin perfusion solutions.

COURSE DURATION:

This is a two day training program.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.



GOAL DIRECTED PERFUSION

HEARTLINK, CONNECT AND GDP MONITOR



INSTRUCTORS:
Ed Overdeest, CCP and
Jeroen van Hees, CCP

LOCATION:
Catharina Hospital - Eindhoven,
The Netherlands



PROGRAM OVERVIEW:

This course offers perfusionists a comprehensive introduction and overview of the benefits of Goal Directed Perfusion, as an advanced parameter/tool in the perfusion arena. Focused on real time and retrospective calculations, GDP provides advanced information that allows perfusionists to make more informed decisions – ultimately minimizing the impact of CPB.

By leveraging this advanced data management system, perfusionists can take advantage of equipment/data integration that delivers additional support during CBP by aggregating information. This allows perfusionists to better direct their attention to where it is needed most, allowing this system to constantly monitor and correlate real time data for immediate decisions while providing information post-op for case comparison and retrospective learning.



TRAINING INCLUDES:

- GDP Monitor and HeartLink System Theory
- Benefits of an Electronic Perfusion Management System/HeartLink
- System instruction and overview of CONNECT and HeartLink
- Hands-on CONNECT session including manager/recorder customization
- Goal Directed Perfusion Introduction and overview
- Importance of DO_2 and correlation with AKI
- VCO_2 and correlation with Hyperlactatemia
- Role of Goal Directed Perfusion in triggering transfusion
- Full day hands-on training in skills lab.

PATIENT BENEFIT:

- Shorter ICU & hospital stay
- Neurological protection
- Minimized hemodilution and reduced numbers of transfusions

INTENDED AUDIENCE:

Perfusionists interested in understanding Goal Directed Perfusion as a powerful tool and advanced approach toward improving patient care.

COURSE DURATION:

This is a day and a half course including hands-on sessions starting the first day and continuing throughout the second day.

For more information, course registration and logistics please [click here](#). You can also contact your local Sorin Representative to answer questions and assist you with registration.

AGENDA & REGISTRATION FORMS



AORTIC SOLUTIONS

[“See One – Do One” AVR with Solo Smart \(Open Surgery\) – Groningen \(NL\)](#)

[Minimally Invasive AVR with Solo Smart \(MICS\) – Brescia \(IT\)](#)

[Sutureless AVR with Perceval – Multiple Locations Worldwide](#)

MITRAL SOLUTIONS

[Choosing and Mastering Repair Techniques \(Open Surgery\) – Genk \(BE\)](#)

[Complex Mitral Valve Repair \(Open Surgery\) – Leiden \(NL\)](#)

[Minimally Invasive Mitral Valve Repair \(MICS\) – Massa \(IT\)](#)

CARDIAC SURGERY SOLUTIONS

[Minimally Invasive Cardiac Surgery \(MICS\) – Antwerp \(BE\)](#)

PERFUSION SOLUTIONS

[ECMO Clinical Applications and Management – Milan \(IT\)](#)

[Advanced Autotransfusion \(ATS\) – Eindhoven \(NL\)](#)

[Perfusion Emergency and Incidents Management – Berlin \(DE\)](#)

[Goal Directed Perfusion \(GDP\) – Eindhoven \(NL\)](#)

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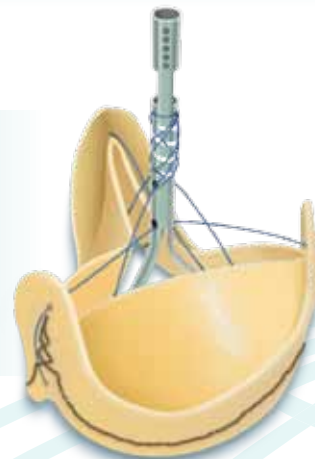
“SEE ONE – DO ONE” AVR WITH SOLO SMART (OPEN SURGERY)

**INSTRUCTOR:**

Professor Massimo A. Mariani, M.D., Ph.D., FECS

LOCATION:

UMCG - Groningen, The Netherlands

**INTENDED AUDIENCE:**

This workshop was designed for cardiac surgeons. Maximum no. of participants allowed: 2.

COURSE DURATION:

This is a two day training program starting mid-day on the first day.

SPECIAL REQUIREMENTS:

Participants must bring an MRSA free declaration not older than 1 month and an Hepatitis B vaccine declaration, required by the Dutch hospital regulation in order to be able to enter the OR.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

- 12:30 Arrival of attendees to NH Hotel Groningen (in front of the Hospital)
- 13:00 Meeting with Prof. Mariani at the UMCG Cardio Thoracic Surgery Department
- 13:10 Product presentation, features and benefits, implantation technique and clinical outcomes - Prof. Mariani
- 13:30 Cadaver Lab
- 17:00 Introduction of next day surgical cases - Prof. Mariani
- 17:30 Closure
- 19:30 Team Dinner All

DAY 2

- 07:30 Meeting at the UMCG Hospital
- 08:00 - 15:00 2 operations are usually performed
- Departure at the end of the cases.

N.B. Please make sure that return flights are booked in the late evening to have enough time (at least 2 hours) to go back to Schiphol airport after the cases.

[AGENDA & REGISTRATION
FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register surgeons to the workshop:

- a) Registered surgeon(s) must always be accompanied by a Sorin representative from their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience and email it to daniela.tricerro@sorin.com

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

Hotel accommodation will be booked by Global Marketing and details communicated, usually in the following location:

Hotel NH Groningen**** (100 mt. across from the UMCG Hospital)

Hanzeplein, 132. 9713GW Groningen. Tel. +31.50.5848181 - Fax: +31.50.5848180

AIRPORTS AND TRANSFERS

The closest airport is **Amsterdam Schiphol Airport**.

Transfers from and to the Amsterdam Airport are not organized.

Train: easiest way to get to Groningen is by train (approximately 2 hour train ride). There is a direct train from Schiphol to Groningen, which leaves every hour. You can plan your trip using the journey planner <http://www.ns.nl/en/travellers/home> of the Dutch railways. You should select Schiphol as your departure station and Groningen as your destination.

Taxi: from the airport not recommended.

USEFUL CONTACTS

Daniela Tricerro (Global Marketing Assistant): tel. +39 0161 487323; daniela.tricerro@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

Catalina Bustos (Global Marketing Manager Tissue Heart Valves): cell. +39 340 8698443; catalina.bustos@sorin.com

Stefania Rivetti (Global Product Manager, Tissue Heart Valves): cell. +39 346 6211061; stefania.rivetti@sorin.com

REGISTRATION FORM

«See One - Do One» - Prof. Mariani, UMCG Groningen (NL)

WORKSHOP DATE:
Visitor information: (please one form per visitor)
Name
Hospital
Country
Mobile phone
Male <input type="checkbox"/> Female <input type="checkbox"/> Age:
REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

USEFUL INFORMATION FOR SOLO SMART TRAINING
Experience with Sorin Products: <input type="checkbox"/> High <input type="checkbox"/> Moderate <input type="checkbox"/> None
Experience with Stentless Valves: <input type="checkbox"/> High <input type="checkbox"/> Moderate <input type="checkbox"/> None

Please fill out and e-mail to: daniela.tricerro@sorin.com

MINIMALLY INVASIVE AVR WITH SOLO SMART (MICS)

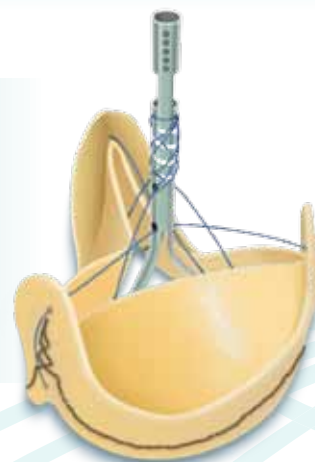


INSTRUCTOR:

Dr. Alberto Repossini, M.D.

LOCATION:

University of Brescia - Cardiac Surgery
Spedali Civili - Brescia, Italy



INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons. Maximum no. of participants allowed: 2.

COURSE DURATION:

This is a day and a half training program that ends mid-day on the second day.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

Arrival in Brescia and check in at the hotel the night/evening before the training date (late afternoon or early evening, in any case before dinner)

- 19:00 Meeting with Dr. Repossini at Hotel
Presentation of Solo Smart , clinical benefits and outcomes, implantation technique and presentation of the next day surgical case
- 20:30 Team Dinner at Hotel Restaurant Cá Nöa

DAY 2

- 08:00 Meeting with Dr. Repossini at the Hospital, to go directly to the OR
Welcome to the OR
- 08:30 Observation of one MICS AVR case - Dr. Repossini
- 11:00 Surgical case review and discussion - All

[AGENDA & REGISTRATION](#)
[FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register surgeons to the workshop:

- a) Registered surgeon(s) must always be accompanied by a Sorin representative of their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience, and email it to daniela.tricerro@sorin.com

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

Global marketing will take care of the hotel bookings and will communicate booking confirmation to the Sorin representative. Accommodation and dinner will be at the:

HOTEL

Park Hotel & Ca' Nöa Restaurant

Via Triumplina 66, Brescia. Tel. +39 030 398762, e-mail: info@hotelcanoa.it

AIRPORTS AND TRANSFERS

Closest airports are:

Bergamo - Orio al Serio Airport, 30 min drive

Verona - 30 min drive

Milano - Linate Airport, one hour drive

Participants will need to take a taxi from and to the airport. However, pick-up can be organized upon request. Payment will be by credit card.

USEFUL CONTACTS

Daniela Tricerro (Global Marketing Assistant): tel. +39 0161 487323; daniela.tricerro@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

Catalina Bustos (Global Marketing Manager Tissue Heart Valves): cell. +39 340 8698443; catalina.bustos@sorin.com

REGISTRATION FORM

MICS AVR with Solo Smart - Dr. Alberto Repossini, Brescia (IT)

WORKSHOP DATE:
Visitor information: (please one form per visitor)
Name
Hospital
Country
Mobile phone
Male <input type="checkbox"/> Female <input type="checkbox"/> Age:
REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

USEFUL INFORMATION FOR SOLO SMART TRAINING				
Experience in MICS AVR:	<input type="checkbox"/> Very High	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Moderate	<input type="checkbox"/> None
Experience with Stentless Valves:	<input type="checkbox"/> More Than 50	<input type="checkbox"/> From 10 to 50	<input type="checkbox"/> Less than 10	<input type="checkbox"/> None
MICS AVRs performed in total till today:	<input type="checkbox"/> More Than 50	<input type="checkbox"/> From 10 to 50	<input type="checkbox"/> Less than 10	<input type="checkbox"/> None
Participant is joining this training to:	<input type="checkbox"/> Start a MICS Repair Program	<input type="checkbox"/> Learn more about Sorin MICS AVR solutions	<input type="checkbox"/> Interested in stentless valves and SOLO SMART in particular	<input type="checkbox"/> Willing to observe but not sure about starting a MICS program yet

Please fill out and e-mail to: daniela.tricerro@sorin.com

SUTURELESS AVR WITH PERCEVAL – MULTIPLE LOCATIONS WORLDWIDE

Thank you for your interest in our “Sutureless AVR with Perceval” Training Program. Because this program is very comprehensive including eight Centers of Excellence and forty five Traveling Program Proctors, we ask that you contact your local Sorin representative. They will be able to answer your questions and provide you with the latest information on course and proctor availability while also assisting you with registration.



[AGENDA & REGISTRATION](#)
[FORM TABLE OF CONTENTS](#) ↗

EQUIPPED TO PERFORM

THE ART OF REPAIR:

CHOOSING AND MASTERING REPAIR TECHNIQUES (OPEN SURGERY)



INSTRUCTOR:

Professor Robert A. Dion, M.D. and his heart team

LOCATION:

Ziekenhuis Oost-Limburg, Genk, Belgium



INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons who want to master the basic principles of heart valve repair.

COURSE DURATION:

This is a day and a half training program starting mid-day on the first day of training.

SPECIAL REQUIREMENTS:

Participants will be able to scrub in with Prof. Dion. Therefore, trainees are recommended to bring their own safety goggles for the OR session.



LIKE RESTORATION OF A PRECIOUS WORK OF ART, HEART VALVE REPAIR RESTORES THE ORIGINAL AND REVEALS THE MASTERPIECE.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

Arrival in Genk by 12:00 and lunch at the hotel.

- 13:00 Introduction to the 1st surgical case, patient description, pre-op echo discussion
- 14:00 1st surgical case, with the opportunity to scrub in with Prof. Dion
- 17:00 Case discussion
- 19:30 Team dinner

DAY 2

- 08:00 Meeting at Hospital – Introduction to the morning case(s)
- 08:30 Beginning of 1 or 2 concomitant cases with the opportunity to scrub in
- 12:00 Closure of the OR session and lunch
- 13:00 Discussion of the cases performed
- 15:00 Closure and departure

[AGENDA & REGISTRATION
FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register surgeons to the workshop:

- a) Registered surgeon(s) must always be accompanied by a Sorin representative of their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience, and email it to daniela.tricerro@sorin.com

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

Global Marketing will take care of the hotel bookings and will communicate booking confirmation to the Sorin representative. Accommodation will be at the:

HOTEL

Carbon Hotel

Europalaan 38, 3600 Genk

Tel. +32 (0)89 32 29 20

Website: www.carbonhotel.be

e-mail: info@carbonhotel.be

AIRPORTS AND TRANSFERS

The closest airport is **Brussels International Airport**.

Train: about 1 and half hour ride with one connection (1 change in Brussels MIDI station).

For more information please visit: http://www.brusselsairport.be/en/passngr/to_from_brussels_airport/train

Taxi: from the airport not recommended. A taxi meter ride can cost up to 200€ each way.

Pick-up: a car transfer can be arranged from and to the airport (80 Km) upon request. Cost: 105€ each way if booked at least 24 hours in advance. Please contact us to book the transfer. Direct payment by credit card.

USEFUL CONTACTS

Daniela Tricerro (Global Marketing Assistant): tel. +39 0161 487323; daniela.tricerro@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

Beatrice Borgia (Global PM Mitral Therapy Solutions): cell. +39 346 6449549; beatrice.borgia@sorin.com

REGISTRATION FORM

Choosing and Mastering Repair Techniques – Prof. Robert A. Dion, Genk (Be)

WORKSHOP DATE:

Visitor information: (please one form per visitor)

Name

Hospital

Country

Mobile phone

Male Female Age:

REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

USEFUL INFORMATION FOR THE ART OF REPAIR TRAINING:

Number of MV Repair
Procedures per year:

Number of MV Replacement
Procedures per year:

Number of Tricuspid Valve
procedures per year:

Please fill out and e-mail to: daniela.tricerro@sorin.com

THE ART OF REPAIR:

COMPLEX MITRAL VALVE REPAIR (OPEN SURGERY)



INSTRUCTOR:

Professor Robert J.M. Klautz, M.D., Ph.D.

LOCATION:

Leiden University Medical Center – The Netherlands



INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons, echocardiographers, and cardiologists. Maximum number of participants is 2-3 per session.

COURSE DURATION:

This is a day and a half training program starting mid-day on the first day of training.

SPECIAL REQUIREMENTS:

Participants must bring an MRSA free declaration not older than 1 month and an Hepatitis B vaccine declaration, required by the Dutch hospital regulation in order to enter the OR.



LIKE RESTORATION OF A PRECIOUS WORK OF ART, HEART VALVE REPAIR RESTORES THE ORIGINAL AND REVEALS THE MASTERPIECE.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

- 13:00 Welcome at Leiden University Hospital by Prof. Klautz
Course Introduction and discussion of the surgical cases
- 14:00 1st surgical case
- 17:00 Case review
- 19:30 Team dinner

DAY 2

- 08:00 Meeting at the Hospital – Introduction to the 2 morning cases
- 08:30 Beginning of 2 cases
- 12:00 Closure of the OR session and lunch
- 13:00 Discussion of the cases performed
- 15:00 Closure and departure

** N.B. Please book return flights not earlier than 17:00 **

[AGENDA & REGISTRATION
FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register surgeons to the workshop:

- a) Registered surgeon(s) must always be accompanied by a Sorin representative of their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience, and email it to daniela.tricerro@sorin.com. Participants must also fill out the LUMC Personal Statement document, here enclosed

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

We will take care of the hotel bookings and we will communicate booking confirmation to the Sorin representative. Accommodation and dinner are usually booked at:

HOTEL

Golden Tulip Leiden****

Schipholweg 3, 2316 XB Leiden (NL)

www.goldentulipleidencentre.nl

Ibis Hotel Leiden***

Stationsplein 240-242, Leiden (NL)

Tel. +31 50 - 317 5510

0.7 km (Across from Leiden Central Train Station)

AIRPORTS AND TRANSFERS

The closest airport is **Amsterdam Schiphol International Airport**.

Train: Transfer by train is recommended. Trains leaving every 15 min from Schiphol Airport to Leiden Central Station (17 min ride; Train fare 6 Euro), which is located right in front of the LUMC Hospital.

Pick-up: not provided

USEFUL CONTACTS

Daniela Tricerro (Global Marketing Assistant): tel. +39 0161 487323; daniela.tricerro@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

Beatrice Borgia (Global PM Mitral Therapy Solutions): cell. +39 346 6449549; beatrice.borgia@sorin.com

REGISTRATION FORM

Complex Mitral Valve Repair – Prof. Robert J.M. Klautz, Leiden (NL)

WORKSHOP DATE:
Visitor information: (please one form per visitor)
Name
Hospital
Country
Mobile phone
Male <input type="checkbox"/> Female <input type="checkbox"/> Age:
REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

USEFUL INFORMATION FOR THE ART OF REPAIR TRAINING:
Number of MV Repair Procedures per year:
Number of MV Replacement Procedures per year:
Number of Tricuspid Valve procedures per year:

Please fill out and e-mail to: daniela.tricerro@sorin.com

PLEASE NOTE: All participants need to print, complete and sign the LUMA Personal Statement document on the next page and bring this with them when they attend the program.

THE ART OF REPAIR:

MICS MITRAL VALVE REPAIR

MINI THORACOTOMY AND/OR MINI STERNOTOMY

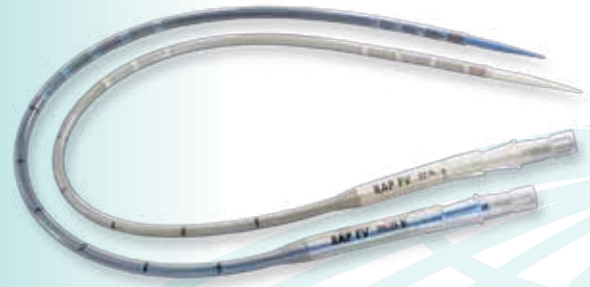


INSTRUCTOR:

Dr. Marco Solinas, M.D.

LOCATION:

Ospedale del Cuore G. Pasquinucci – Massa, Italy



INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons and is also open to the surgical team (Surgeon, Perfusionist and/or Instrumentation Nurse).

COURSE DURATION:

This is a two day training program.



LIKE RESTORATION OF A PRECIOUS WORK OF ART, HEART VALVE REPAIR RESTORES THE ORIGINAL AND REVEALS THE MASTERPIECE.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

08:00 Meeting at the Hospital

08:15 Presentation of cases

09:00 Observation of 2-3 clinical cases in the OR

16:00 MICS Surgical and Cannulation technique, review of the cases done and procedure results

20:00 Dinner (details will be communicated)

DAY 2

08:00 1-2 clinical cases in the OR

14:00 Case Discussion, review of literature and clinical outcomes

Departure in the afternoon

[AGENDA & REGISTRATION
FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register surgeons to the workshop:

- a) Registered surgeon(s) must always be accompanied by a Sorin representative of their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience, and email it to daniela.tricerro@sorin.com

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

Global Marketing will take care of the hotel bookings and will communicate booking confirmation to the Sorin representative. Accommodation is usually arranged in one of the two following hotels:

HOTEL

Hotel Il Negresco****

Lungomare Italice
82 55042 Forte dei Marmi (LU)
Tel. +39 0584 78820
www.hotelilnegresco.com

Hotel Eden****

Viale A. Gramsci
26 54030 Cinquale (MS)
Tel. +39 0585 807676
www.edenhotel.it

AIRPORTS

The closest airports are:

Pisa - Galileo Galilei Airport, 45 min. drive

Florence - 90 min. drive

Milan - Linate Airport, 2.30 hrs drive

Pick-up: service to and from the airport can be organized upon request.

USEFUL CONTACTS

Daniela Tricerro (Global Marketing Assistant): tel. +39 0161 487323; daniela.tricerro@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

Beatrice Borgia (Global PM Mitral Therapy Solutions): cell. +39 346 6449549; beatrice.borgia@sorin.com

Marta Reggiani (Global PM Cannulae): cell. +39 347 0403254; marta.reggiani@sorin.com



REGISTRATION FORM

MICS - Minimally Invasive Mitral Valve Repair - M. Solinas M.D., Massa (IT)

WORKSHOP DATE:
Visitor information: (please one form per visitor)
Name
Hospital
Country
Mobile phone
Male <input type="checkbox"/> Female <input type="checkbox"/> Age:
REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

USEFUL INFORMATION FOR THE MICS TRAINING				
Overall Experience in MICS:	<input type="checkbox"/> Very High	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Moderate	<input type="checkbox"/> None
MISC MVRs performed in total till today:	<input type="checkbox"/> More Than 50	<input type="checkbox"/> From 10 to 50	<input type="checkbox"/> Less than 10	<input type="checkbox"/> None
MICS AVRs performed in total till today:	<input type="checkbox"/> More Than 50	<input type="checkbox"/> From 10 to 50	<input type="checkbox"/> Less than 10	<input type="checkbox"/> None
Participant is joining this training to:	<input type="checkbox"/> Start a MICS Repair Program	<input type="checkbox"/> Learn more about Sorin MICS solutions	<input type="checkbox"/> Willing to switch from full sternotomy to mini sternotomy/mini thoracotomy	<input type="checkbox"/> Willing to see but not sure about starting MICS Repair just yet

Please fill out and e-mail to: daniela.tricerro@sorin.com

MICS CARDIAC SURGERY



INSTRUCTOR:

Dr. Ivo Deblier, MD

LOCATION:

Middelheim Hospital – Antwerp, Belgium

INTENDED AUDIENCE:

The workshop was designed for the cardiac team (Surgeon, Anesthesiologist, Perfusionist and/or Scrub Nurse).
Maximum no. of participants: 1 Cardiac Team of 3 members.

COURSE DURATION:

This is a two day training program.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

- 8:30 Meeting at the Hospital entrance
- 8:45 Presentations and discussion on:
 - What is Minimally Invasive Cardiac Surgery – definition and techniques
 - Surgical techniques
 - How to start and run a MICS program
 - Tips and tricks
 - Presentation on surgical instrumentations, cannulation equipment and valves/rings
- 12:30 Lunch
- 13:30 Live case in the OR

DAY 2

- 8:30 Meeting at the Hospital entrance
- 8:45 Practical part for the attendees with simulation
- 12:30 Lunch
- 13:30 Wrap up and closure



[AGENDA & REGISTRATION
FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register surgeons to the workshop:

- a) Registered surgeon(s) must always be accompanied by a Sorin representative of their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience, and email it to daniela.tricerro@sorin.com

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

Global Marketing will take care of the hotel bookings and will communicate booking confirmation to the Sorin representative. Accommodation will be at the:

HOTEL

Crowne Plaza Hotel

Holcro NV - G. Legrellelaan 10, 2020 Antwerp, Belgium

T: +32 3 2597500 - email: info@cpantwerp.com

AIRPORTS

The closest airport is **Brussels International Airport**.

Train: take train to Antwerp-Berchem (railway station in Brussels airport). Take a taxi from train station in Antwerp to ZNA Middelheim (5 minutes).

Taxi: take taxi from Brussels airport straight to ZNA Middelheim (40 minutes). Direct payment.

Pick-up: not provided.

USEFUL CONTACTS

Daniela Tricerro (Global Marketing Assistant): tel. +39 0161 487323; daniela.tricerro@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

REGISTRATION FORM

MICS Cardiac Surgery - Dr. Deblie, Antwerp (BE)

WORKSHOP DATE:
Visitor information: (please one form per visitor)
Name
Hospital
Country
Mobile phone
Male <input type="checkbox"/> Female <input type="checkbox"/> Age:
REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

USEFUL INFORMATION FOR THE MICS TRAINING				
Overall Experience in MICS:	<input type="checkbox"/> Very High	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Moderate	<input type="checkbox"/> None
Participant is joining this training to:	<input type="checkbox"/> Start a MICS Repair Program	<input type="checkbox"/> Learn more about Sorin MICS solutions	<input type="checkbox"/> Willing to see but not sure about starting MICS Program just yet	<input type="checkbox"/> Other

Please fill out and e-mail to: daniela.tricerro@sorin.com

ECMO CLINICAL APPLICATIONS AND MANAGEMENT



INSTRUCTOR:

Dr. Federico Pappalardo, M.D.

LOCATION:

Ospedale San Raffaele - Milan, Italy



INTENDED AUDIENCE:

This workshop was designed for cardiac surgeons, anesthesiologists and perfusionists interested in ECMO education, guidelines and advanced techniques.

COURSE DURATION:

This is a one day training program with dinner the evening beforehand with Dr. Pappalardo.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

19:00 Workshop dinner with Dr. Pappalardo

DAY 2

08:30 Pick up at the hospital entrance

The exact timing of each topic will be adapted to specific interests of the participants and currently ongoing ECMO cases in the ICU.

Topics covered during the day are:

- Introduction of participants
- ECMO in San Raffaele hospital
- Indications and contraindications for VV and VA ECMO
- Product considerations
 - Extracorporeal circuit: Oxygenators, pumps and tubing
 - Equipment and pumps
 - Patient monitoring
- Intra and interhospital transport of ECMO patients.
- Cannulation for ECMO
- Hands-on session using the SORIN ECMO solutions

16:30 Closure and departure

[AGENDA & REGISTRATION
FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register participants to the workshop:

- a) Registered participants must always be accompanied by a Sorin representative of their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience, and email it to cristina.schiavi@sorin.com

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible and no later than a week before the workshop date. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

Hotel accommodation will be booked by Global Marketing and details communicated to the accompanying Sorin representative. Room charges to be paid directly at check out. Travel, accommodation and meal costs are at local charge.

HOTEL

Hotel Rafael

Via Olgettina 60 Milan, Italy

T: +39 02 217651

AIRPORTS

The closest airports are **Linate Airport** (20 min distance) or **Malpensa Airport** (1 hour distance).

Taxi: Taxi from **Linate Airport** is recommended. From **Malpensa Airport**, taxi fare is 95 €. Malpensa Shuttle bus to Milano Central Station is also available (50 min drive), and from there taxi is recommended (20 min drive).

Pick-up: not provided.

USEFUL CONTACTS

Martin Danielson (Global Marketing Director New Therapies): +39 342 5059872; martin.danielson@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

Cristina Schiavi (Marketing Support Specialist) cell. +39 342 0321957; cristina.schiavi@sorin.com

REGISTRATION FORM

ECMO Clinical Application and Management - Ospedale San Raffaele, Milan (IT)

WORKSHOP DATE:

Visitor information: (please one form per visitor)

Name

Hospital

Country

Mobile phone

Male Female Age:

REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

Current practice of ECMO

Number of cases per year:

Adult ECMO % of cases:

Pediatric ECMO % of cases:

Veno-venous ECMO % of cases:

Veno-arterious ECMO % of cases:

Other:



SORIN | CAMPUS
CARDIAC LEARNING SOLUTIONS



ADVANCED AUTOTRANSFUSION (ATS)

**INSTRUCTOR:**

Ed Overvest, CCP

LOCATION:

Catharina Hospital - Eindhoven, The Netherlands

**INTENDED AUDIENCE:**

This course is specifically designed for perfusionists, anesthesiologists and clinical personnel interested in autotransfusion and blood management techniques. Maximum no. of participants: 3 (+ 1 accompanying representative).

COURSE DURATION:

This is a day and a half training program starting mid-day on the first day of training.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

- 12:00 Meeting at Catharina Hospital
- 12:15 Blood: Safety, Cost and Availability
- 12:45 Sorin | XTRA – The Complete Solution for Blood Salvage
- 13:15 Sorin | XTRA – Wet lab
- 15:15 Break
- 15:30 ATS applications and benefits in cardiac surgery
- 16:15 ATS applications and benefits in non-cardiac surgery
- 16:45 Wrap-up and conclusions

DAY 2

- 08:00 Live surgery session
- 12:00 Lunch Break
- 12:30 Live surgery (con't)
- 15:30 Wrap-up
- 16:00 Departure

[AGENDA & REGISTRATION
FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register participants to the workshop:

- a) Registered participants must always be accompanied by a Sorin representative of their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience, and email it to cristina.schiavi@sorin.com

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible and no later than a week before the workshop date. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

Global Marketing will take care of the hotel bookings and will communicate booking confirmation to the Sorin representative. Accommodation will be at the:

HOTEL

Holiday INN Hotel

Veldmaarschalk Montgomerylaan, Centrum, Eindhoven, The Netherlands. Tel. +31 40 2358235

www.hieindhoven.com

AIRPORTS

The closest airports are:

Eindhoven City Airport

Bruxelles Intl Airport (BE), 55 kms distance

Amsterdam Schiphol Airport (NL), 65 Kms distance.

Airport Trains: are available both from Bruxelles and from Amsterdam.

Taxi: from the airport not recommended.

Pick-up: a car transfer can be arranged from and to the airport upon request. Direct payment.

USEFUL CONTACTS

Martin Danielson (Global Marketing Director New Therapies): +39 342 5059872; martin.danielson@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

Cristina Schiavi (Marketing Support Specialist) cell. +39 342 0321957; cristina.schiavi@sorin.com

REGISTRATION FORM

Advanced Autotransfusion – Ed Overdeest, Eindhoven (NL)

WORKSHOP DATE:
Visitor information: (please one form per visitor)
Name
Hospital
Country
Mobile phone
Male <input type="checkbox"/> Female <input type="checkbox"/> Age:
REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

Please fill out and e-mail to: daniela.tricerro@sorin.com

PERFUSION EMERGENCY AND INCIDENTS MANAGEMENT



INSTRUCTOR:

Dipl. med. Päd Frank Merkle

LOCATION:

Academy of Perfusion at the German Heart Centre Berlin

INTENDED AUDIENCE:

This course was intended for Perfusionists who want to increase their level of knowledge and skill regarding the handling of critical situations during ECC. It is also ideal for Perfusionists who bought a new HLM and require basic training and perfusionists who are interested in learning more about Sorin perfusion solutions.

COURSE DURATION:

This is a two day training program with the option of a third day where perfusionists can attend and assist with live surgeries.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1

12:00 – Arrival at hospital

12:00 – 13:00 Catered Lunch

13:00 – 14:00 Welcome, Introduction and Facility Tour

14:00 – 15:30 Basic concepts and benefits of simulation, and basic causes of incidents in perfusion

15:30 – 15:45 coffee break

15:45 – 16:45 Hand on session in simulation lab – Case 1

16:45 – 17:00 Break

17:00 – 17:30 Case review and debrief

19:30 – Team dinner

DAY 2

09:00 – Arrival at hospital

09:15 – 10:15 Hand on session in simulation lab – Case 2

10:15 – 10:30 Break

10:30 – 11:30 Hand on session in simulation lab – Case 3

11:30 – 12:30 Hand on session in simulation lab – Case 4

12:30 – 13:15 Lunch

13:15 – 14:00 Round table discussion and Q&A

14:00 – 14:15 Wrap up and departure

14:30 – Depart

NOTE: Please make sure that return flights are booked after 4:00pm

[AGENDA & REGISTRATION
FORM TABLE OF CONTENTS](#) ↑

EQUIPPED TO PERFORM

1) REGISTRATION PROCEDURE

The following procedure must be followed to register surgeons to the workshop:

- a) Registered surgeon(s) must always be accompanied by a Sorin representative of their country.
- b) Fill out the Registration Request Form enclosed hereafter with all relevant information for a successful workshop experience, and email it to daniela.tricerro@sorin.com

2) CANCELLATION PROCEDURE

In the event of cancellation, the Sorin Representative must inform us as soon as possible. In the event of last minute cancellation or if it is too late to cancel the workshop, the cost of the workshop will be charged to the local Sorin branch.

3) LOGISTICS & ORGANIZATION DETAILS

Global Marketing will take care of the hotel bookings and will communicate booking confirmation to the Sorin representative. Accommodation will be at the:

HOTEL

HOTEL NH Berlin Mitte****

Leipziger Str. 106-111

10117 Berlin

TEL. +49 30 203760

nhberlinmitte@nh-hotels.com

Radisson Blu Hotel****

Karl-Liebknecht-Strasse 3

D-10178 – Berlin

Phone +49 30 238 280

<http://www.radissonblu.com/hotel-berlin>

Meliá Berlin****

Friedrichstraße, 103

Berlin 10117

Tel: (0049) 30 20607900

<http://www.melia.com/en/hotels/germany/berlin/melia-berlin/index.html>

AIRPORTS

Closest airport **Berlin Tegel** (15-20 min drive from the hospital)

Taxi from the airport is recommended, cash payment. Credit card mostly not accepted.

Pick up's not provided.

NOTE: Please make sure that return flights are booked after 4:00pm

USEFUL CONTACTS

Christian Hofstetter (Global Marketing HLM): +49 151 12645804; christian.hofstetter@sorin.com

Roberta Comini (Global Professional Education Manager): cell. +39 346 6582062; roberta.comini@sorin.com

Cristina Schiavi (Marketing Support Specialist): cell. +39 342 0321957; cristina.schiavi@sorin.com

REGISTRATION FORM

Perfusion Emergency and Incidents Management – Frank Merkle, Berlin (DE)

WORKSHOP DATE:
Visitor information: (please one form per visitor)
Name
Hospital
Country
Mobile phone
Male <input type="checkbox"/> Female <input type="checkbox"/> Age:
REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

Please fill out and e-mail to: daniela.tricerro@sorin.com

GOAL DIRECTED PERFUSION

HEARTLINK, CONNECT AND GDP MONITOR

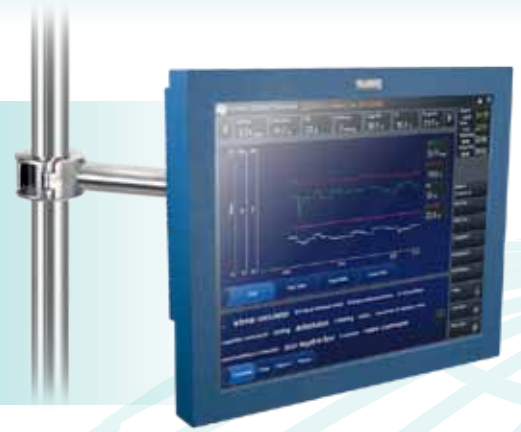


INSTRUCTOR:

Ed Overdeest, CCP and
Jeroen van Hees, CCP

LOCATION:

Catharina Hospital - Eindhoven,
The Netherlands



INTENDED AUDIENCE:

Perfusionists interested in understanding Goal Directed Perfusion as a powerful tool and advanced approach toward improving patient care.

COURSE DURATION:

This is a day and a half course including hands-on sessions starting the first day and continuing throughout the second day.

COURSE AGENDA:

(The standard agenda is as follows but please know that changes may occur)

DAY 1 (HALF DAY: 13:00-17:00) - GDP MONITOR and HEARTLINK System Theory

13:00-15:30 Benefits of an Electronic Perfusion Management System and HeartLink Perfusion System

- Why an Electronic Perfusion Management System (30')
- Connect Overview (40')
- HeartLink Overview (20')
- Hands-on session on Connect (1h):
 - Manager/Recorder Customization options
 - Elective vs. Emergency cases
 - Usability tasks/Exercises

15:45 Goal Directed Perfusion Introduction

- Importance of DO_2 and correlation with AKI (20')
- VCO_2 and correlation with Hyperlactatemia (20')
- Role of Goal Directed Perfusion in triggering transfusion (20')
- Health economic model (15')

DAY 2 (FULL DAY - according to OR schedule) - CONNECT Hands-On Practical

Recorder workflow and usability:

Starting a new case record, HeartLink Card data exchange, Recorder Views/Features, GDP Monitor feature,
Xtra: autotransfusion data integration feature

Manager workflow and usability:

Manager import, Report options, Statistics overview

[AGENDA & REGISTRATION
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3) LOGISTICS & ORGANIZATION DETAILS

Global Marketing will take care of the hotel bookings and will communicate booking confirmation to the Sorin representative. Accommodation will be at the:

HOTEL

Holiday INN Hotel

Veldmaarschalk Montgomerylaan, Centrum, Eindhoven, The Netherlands. Tel. +31 40 2358235

www.hieindhoven.com

AIRPORTS

The closest airports are:

Eindhoven City Airport

Bruxelles Intl Airport (BE), 55 kms distance

Amsterdam Schiphol Airport (NL), 65 Kms distance.

Airport Trains: are available both from Bruxelles and from Amsterdam.

Taxi: from the airport not recommended.

Pick-up: a car transfer can be arranged from and to the airport upon request. Direct payment.

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REGISTRATION FORM

Goal Directed Perfusion – Ed Overdevest and Jeroen van Hees, Eindhoven (NL)

WORKSHOP DATE:
Visitor information: (please one form per visitor)
Name
Hospital
Country
Mobile phone
Male <input type="checkbox"/> Female <input type="checkbox"/> Age:
REQUIRED FIELD – SORIN ACCOMPANYING REPRESENTATIVE:

Please fill out and e-mail to: daniela.tricerro@sorin.com



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