



1º BRAZIL MICS

International Symposium
on Minimally Invasive and
Robotic Cardiovascular Surgery

August 23rd to 25th, 2024

Curitiba, Paraná

ORGANIZATION:



SUPPORT:



TABLE OF CONTENTS

- 03. WHO WE ARE
- 05. PARTNERS AND FOUNDERS
- 06. COURSE DIRECTORS
- 07. FACULTY MEMBERS
- 13. COORDINATORS' MESSAGE
- 14. KEY THEMES AND HIGHLIGHTS
- 15. HANDS-ON COURSES
- 16. EVENT LOCATION



WHO WE ARE

SCOLLA is an authorial name that seeks the origins of the teaching strategy in medical schools, where the foundation of education is individualized training. Initiated on October 15, 2021, SCOLLA - Surgical Training Center is based on the achievements of its founders in three institutions: FALKE, Jacques Perissat Institute, and COLAB-ON.

SCOLLA is present in 18 hospitals and 15 federative capitals. The courses focus on enhancing procedures, techniques, and skills at the forefront of medical knowledge. With a focus on excellence, our faculty consists of doctors, masters, and market specialists who, with practical and didactic experience, have the mission to impart the best learning to participants.



WHO WE ARE

The Center stands out for the exceptionally high level of its course offerings, supported by four pillars:

- ▶ Mastery and technical depth of advanced surgeries present in its content;
- ▶ Memorable learning experience where one surgeon teaches another surgeon, one-on-one, following the best tradition of the most renowned medical schools in the world.
- ▶ Teaching methodology based on continuous observation, practice, and supervision feasible through the intensive use of video surgeries, hands-on practices on live models, and cadaver labs.
- ▶ Faculty members, who collectively have performed over 100,000 surgeries, choose to be affiliated with SCOLLA due to the unique value placed on teaching within the institution.



Through the formation of ethical and innovative individuals, we offer pioneering programs in the medical field that generate positive impact on society, promoting greater integration between the market and the academic world. We encourage our students, faculty, and staff to be in a constant state of evolution and to seek innovations in their fields that will generate positive impact on our society, anticipating trends.

In Company

Alongside the medical industry, which develops medications, equipment, and other supporting elements for surgeries, we develop customized solutions with our partners.

MEET THE CREATIVE MINDS BEHIND SCOLLA

Our founders and directors:



Dr. Marcelo Loureiro
General Surgeon of
the Digestive System



Dr. Reitan Ribeiro
Oncological Surgeon



Prof. David Forli
Education Entrepreneur

Board of Partners



Dr. Leandro Totti
Digestive System Surgeon



Dr. Pedro Trauczynski
General Surgeon



Dr. Eduardo Aimore Bonin
General Surgeon



Dr. Marcos Belotto
Digestive
System Surgeon



Dr. Raidel Deucher Ribeiro
Plastic Surgeon Urologist



Dr. Ruimário Machado Coelho
Plastic Surgeon

COURSE DIRECTORS



Dr. Milton Santoro

Cardiovascular Surgeon



Dr. Rodrigo Ribeiro

Cardiovascular Surgeon



FACULTY MEMBERS



Dr. Oleksandr Babliak, MD, PhD
Cardiovascular Surgeon

Head of the Department of Cardiac Surgery

Cardiac Surgery Center, Dobrobut Medical Network, Sim'i Idzikhovskiyh, 3, 03151 Kiev, Ukraine

Areas of Expertise:
Adult Cardiac Surgery
Congenital Cardiac Surgery

Professional Training Certificate in Cardiac Surgery - 1997
Cardiac Surgery Training (Royal North Shore Hospital, Sydney, Australia) - 1999-2001
Department of Cardiac Surgery, Lviv, Ukraine - 2001-2005
Ukrainian Pediatric Cardiac Surgery, Kiev, Ukraine - 2005-2011
Adult Clinic, Ukrainian Pediatric Cardiac Surgery, Kiev, Ukraine - 2011-2016
Private Cardiac Surgery Center, Dobrobut, Kiev, Ukraine - since December 2016

PhD (Doctorate) - 2016
Presenter at EACTS 2016, WSCTS 2018, AATS 2019, ISMICS 2019, MITACS 2019, ICC 2019

Adult Cardiac Surgery
Neonatal and Pediatric Cardiac Surgery



Dr. Tommaso Danesi
Cardiovascular Surgeon

Section Chief of Valve Surgery and Director of the Endoscopic Valve Program at Brigham And Women's Hospital in Boston (MA, USA). He served as Associate Professor of Surgery at the University of Cincinnati (OH, USA), in the Division of Cardiac Surgery at the College of Medicine. He held positions as Vice President of the Cardiac Surgery Unit and Director of the Minimally Invasive and Endoscopic Cardiac Surgery Program at San Bortolo Hospital, AULSS8 in Vicenza, Italy. Specializing in Cardiac Valve Surgery, he is a renowned expert in Totally Endoscopic Cardiac Surgery (TECS), Thoracoscopic Cardiac Surgery (TCS), Minimally Invasive Cardiac Surgery (MICS), and Transcatheter Structural Heart Intervention.

FACULTY MEMBERS



**Dr. Javier Darío
Maldonado Escalante**

Cardiologist

3rd Head of the Cardiovascular Surgery Section, Clínica Universitária Colombia, and Fundação Santa Fé de Bogotá.

Head of the Cardiovascular Surgery Section at the Hospital Universitario Fundación Santa Fé de Bogotá.

Professor of Cardiovascular Surgery at the Universidad de los Andes.



**Dr. Tulio
Caldonazo**

Cardiovascular Surgeon

2014 - 2019: Bachelor of Medicine. Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Brazil.

2011 - 2013: High School Education. Colégio Poliedro São José dos Campos, SJC, Brazil.

2018 - 2018: Observership in Cardiothoracic Surgery. Fudan University, FUDAN, China.

2018 - 2018: Observership in Cardiothoracic Surgery. Cleveland Clinic Foundation, CCF, United States.

2018 - 2018: Observership in Cardiothoracic Surgery. Children's Hospital of Pittsburgh of UPMC, UPMC, United States.

2017 - 2017: Observership in Cardiothoracic Surgery. Leipzig Herzzentrum - HELIOS Kliniken (Cardio Center Leipzig), GMBH, Germany.

2017 - 2017: Observership in Cardiothoracic Surgery. Instituto Israelita de Ensino e Pesquisa Albert Einstein, IIEPAE, Brazil.

2016 - 2016: Methodologies for Cardiac Function Assessment. Department of Physiology and Cardiothoracic Surgery at the University of Porto, DFCC, Portugal.

2016 - 2016: Observership in Cardiothoracic Surgery. Universidade de Coimbra, UC, Portugal.

2016 - 2016: Observership in Cardiothoracic Surgery. Deutsches Herzzentrum München (Cardio Center Munich), DHM, Germany.

Institutional affiliation:

Universidade Estadual Paulista Júlio de Mesquita Filho, UNESP, Brazil.

Institutional link 2014 - 2019, Position: Undergraduate Student.

Hospital das Clínicas da Faculdade de Medicina de Botucatu, HCFMB, Brazil.

Institutional link 2014 - 2019, Position: Undergraduate Student.

FACULTY MEMBERS



Dr. Torsten Doenst

Cardiovascular Surgeon

Graduated in 1995 as a medical doctor from the Georg-August University in Göttingen, Germany. Certified in cardiac surgery in 2003 after completing residency at the Department of Cardiovascular Surgery, University of Freiburg, Germany. Research fellowship at Heinrich Taegtmeyer, M.D., D.Phil's laboratory, Division of Cardiology, University of Texas, during residency. Clinical fellowship in the Department of Cardiovascular Surgery, Toronto General Hospital, under the supervision of Dr. Tirone E. David. Received habilitation (highest academic degree in German medicine) in 2004. Appointed Full Professor (Heisenberg-Professor) at the University of Leipzig focusing on cardiac metabolism in 2007. Chair of the Department of Cardiovascular Surgery at Friedrich-Schiller University Jena since 2010. Member of various cardiac societies. Active in committee work. Recipient of several awards and recognitions. Promotes academic/scientific competence in cardiac surgery. Current president of the upcoming national meeting of the German Society for Thoracic and Cardiovascular Surgery.



Dr. Gianluca Torregrossa

Cardiovascular Surgeon

Director of the Robotic Coronary Revascularization Program
Lankenau Heart Institute, Philadelphia, PA (July 2021 - Present)
Clinical Associate
Robotic and Minimally Invasive Cardiac Surgery
University of Chicago (2019 - 2021)
Associate Director of Robotic Cardiac Surgery
Mount Sinai Saint Luke's Hospital, NYC (2018 - 2019)
Assistant Professor of Cardiac Surgery
Mount Sinai St. Luke's Hospital, NYC (2016 - 2019)
Fellow in Advanced Valve Repair and Reconstruction
Mount Sinai Hospital, NYC (2013 - 2016)
Cardiac Surgery Residents Exchange Program
Salam Cardiac Surgery, Sudan (2012)
Residency in Congenital and Adult Cardiac Surgery
University of Padua, Italy (2006 - 2012)
Medical Degree
University of Padua, Italy (2006)

FACULTY MEMBERS



Dr. Antonios Pitsis
Cardiovascular Surgeon

Interbalkan European Medical Center

PhD, FETCS, FESC

Chief of Cardiac Surgery, Director of Endoscopic Cardiac Surgery
May 2021 - Present (2 years and 10 months)

Thessaloniki, Central Macedonia, Greece
Endoscopic Cardiac Surgeons Club

Board Member

March 2020 - Present (4 years) | Remote
St. Luke University Health Network

Cardiovascular Surgeon

January 1999 - May 2021 (22 years and 5 months)
St. Luke Hospital

Educação:

Aristotle University of Thessaloniki (AUTH)

Bachelor of Medicine, Bachelor of Surgery - MBBS, Medicine

Democritus University of Thrace - (D.U.Th.)

Doctor of Philosophy - PhD, Cardiac Surgery

With Honors

Associações Profissionais:

ISMICS (International Society for Minimally Invasive Cardiovascular
Surgery)

Board Member

September 2023 - Present (6 months)



**Dr. Hristo
Kirov**

Cardiovascular Surgeon

Professional Experience:

Jena University Hospital

Senior Consultant

Jan 2024 - Present (2 months) | Jena, Thuringia, Germany

Jena University Hospital

Consultant

Jan 2020 - Present (4 years and 2 months) | Jena, Thuringia, Germany

Jena University Hospital

Cardiovascular and Thoracic Surgeon

May 2017 - Jan 2020 (2 years and 9 months) | Jena, Thuringia, Germany

Jena University Hospital

Medical Resident

Jul 2008 - May 2017 (8 years and 11 months) | Jena, Thuringia, Germany

Education:

Friedrich-Schiller-Universität Jena

Specialist, Thoracic Surgery | Set 2021

Friedrich-Schiller-Universität Jena

Doctor of Medicine

Jan 2015 - May 2017

FACULTY MEMBERS



Dr. Joseph Zacharias

Cardiovascular Surgeon

Education:

M.B.B.S. - St. John's Medical College, Bangalore
FRCS Lon (Fellow of the Royal College of Surgeons, London) -
Surgical Rotation in the Newcastle Region

Clinical Experience:

Clinical Fellow in Cardiac Surgery - Middlesbrough
Registrar in Cardiovascular Surgery: Rotation in the North Region
in Newcastle and Middlesbrough (Jan 97 - Jan 04)
Royal Brompton Hospital, London, with Prof. P Goldstraw & Prof. M
Yacoub (Jul 1999 - Dec 2000)

Clinical Observations:

Dr. D Cosgrove, Cleveland Clinic, USA
Dr. G El Khoury, St Luc Hospital, Brussels, Belgium
Dr. W Walker, Edinburgh Royal Infirmary, Scotland

Clinical Fellowships:

OLV Clinic, Aalst, Belgium | St. Paul's Hospital, Vancouver, Canada

Professional Associations:

International Society for Minimally Invasive Cardiovascular Surgery
British and Irish Society of Minimally Invasive Cardiac Surgery
British Medical Association

FACULTY MEMBERS



Dr. Sotirios Marinakis

Cardiovascular Surgeon

Current Position:

Chief of Minimally Invasive Cardiac Surgery Clinic
Department of Cardiovascular Surgery
Charleroi University Hospital, Marie Curie Hospital
1/07/2021 - Present

Education - Degrees:

Board of Accreditation/Recognition of Specific Competence in Cardiac Surgery (BACTS), 2021
Doctor of Life Sciences (PhD) from the Faculty of Biology, University of Lausanne. Thesis: "Extracorporeal Membrane Oxygenation (ECMO) Support in Acardia." Thesis Director: Prof. LK von Segesser, 2017
University Certificate in Diagnostic X-Rays, ULG, 2017
Diploma in General Surgery, ULB (With High Distinction), 30/09/2013
Degree in Medicine, University of Athens (With High Distinction), 08/2007
Pediatric Life Support (PLS) Certificate organized by the Advanced Life Support Group, UK, 22/6/2006
Basic Life Support (BLS) Certificate organized by the National Resuscitation Committee, 22/2/2006
Medical Studies, 2001-2007
High School Diploma (With Honors), University Entrance Examination, 2001
Secondary Education, 1st Glyfada College-Athens-Greece, 1998-2001

Clinical Activities:

Chief of Minimally Invasive Cardiac Surgery Clinic, Charleroi University Hospital, Marie Curie Hospital, 1/07/2021 - Present
Clinical Associate Physician in Cardiovascular and Thoracic Surgery, Charleroi University Hospital, Marie Curie Hospital, 1/05/2014 - 01/07/2021
Chief of Cardiac Surgery Clinic, Sion Hospital, Switzerland, 1/10/2013 - 30/04/2014
Postgraduate Training in General Surgery, Brugmann University Hospital, ULB, Brussels, Belgium, 1/10/2012 - 30/09/2013
Assistant Physician in Training in Cardiovascular and Thoracic Vascular Surgery, CHUV, Lausanne, Switzerland, 1/10/2010 - 30/09/2012
Postgraduate Training in General Surgery, Erasme Hospital, ULB, Brussels, Belgium, 1/10/2007 - 30/09/2009
Postgraduate Training in General Surgery, Tivoli University Hospital, ULB, Brussels, Belgium, 1/10/2009 - 30/09/2010

Minimally Invasive Cardiac Surgery Experience:

Minimally Invasive Coronary Revascularization (Endoscopic Atraumatic Saphenous Vein Grafting, Endo-ACAB): Extensive experience
Aortic Valve Replacement via ministernotomy: Extensive experience
Aortic Valve Replacement via transapical approach: Good experience
Mitral Valve Repair via minithoracotomy: Good experience
Other Cardiac Interventions (Pleuropericardial Window, Cardiac Resynchronization Device Implantation): Extensive experience
Endoscopic Radial Artery Harvesting: Extensive experience
Thoracoscopic Mammmary Artery Harvesting: Extensive experience

MESSAGE FROM THE COORDINATORS

Minimally Invasive Cardiac Surgery (M.I.C.S.) represents the current frontier of development in our professional specialty, driven by the vast technology involved and still in rapid development, as well as by our clients' relentless pursuit of painless procedures with minimal trauma, enabling excellent results with less traumatic and more aesthetic treatment experiences.

M.I.C.S. also presents a unique opportunity for the biomedical industry to develop devices, prostheses, sutures, and surgical materials suitable for use in videoscopic and robotic approaches.

BRAZIL MICS represents an opportunity to bring together the foremost experts in the field of cardiac surgery in Latin America, through an unprecedented model in Brazil, to intimately discuss all topics of cardio-robotics, endoscopic, and video-assisted cardiac surgery with the participants.

We will also have live cases, operated by these experts, as well as Post-Symposium Courses in cadaver lab with invited professors, allowing unparalleled networking with all the medical authorities present.

Finally, it is worth noting that the leadership of the event is led by the coordinators of the Minimally Invasive Cardiovascular Surgery Postgraduate Program, a pioneer in Brazil and the only program to train more than 50 cardiac surgeons in Postgraduate studies.

The main themes will be Mitral Valve, Aortic Valve, Arrhythmia Surgery, Cardio Robotics, Myocardial Revascularization, extensively discussed by experienced professionals in the format of "how I do it" videos during the 1st International Symposium on Minimally Invasive Cardiovascular Surgery, which will be held from August 23rd to 25th, 2024, in Curitiba, PR.

It will be a dynamic, interactive event, full of debates, surgeries, technical demonstrations, and discussion of clinical cases. Additionally, realistic simulation as a possibility through hands-on practical training on simulators and live models.

It will be an honor to welcome you to this event, which promises to be a great success.

We look forward to seeing you there!

Course Directors

Milton M. Santoro and Rodrigo R. Souza

MAIN THEMES

- ✓ Minimally Invasive Surgery of the Mitral Valve

- ✓ Minimally Invasive Surgery of the Aortic Valve

- ✓ Minimally Invasive Surgery of Cardiac Arrhythmias

- ✓ Minimally Invasive Myocardial Revascularization Surgery

HIGHLIGHTS

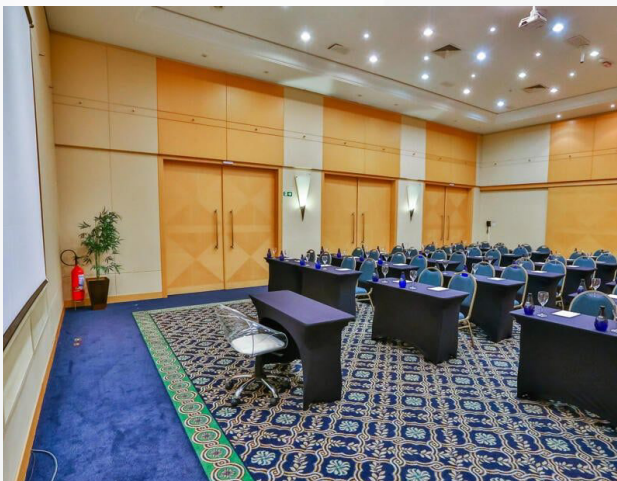
- ✓ Participation of 4 to 5 internationally recognized celebrities for their remarkable achievements in the field of minimally invasive cardiac surgery.
- ✓ Two full days of presenting innovative topics, associated with live procedure broadcasts related to the symposium theme;
- ✓ One day dedicated exclusively to realistic simulation with hands-on activities post-Symposium ***
- ✓ Lunch with experts, bringing the audience closer to the leading authorities in the global MICS community ***

*** UPON SPECIFIC REGISTRATION

HANDS-ON PRACTICAL COURSES

- Advanced Mitral Plastic Surgery Course
Dr. Tommazo Danesi
- Complete Revascularization Course (TCRAT)
Dr. Olecsandr Babliack
- Surgical Treatment of Atrial Fibrillation Course
Dr. Javier Maldonado Escalante
- Aortic Root Enlargement Course (Technique by Bo Yang)
Dr. Rodrigo Ribeiro de Souza
- Advanced Perfusion for Safe MICS Course
Dr. Jeff Chandler

EVENT VENUE



Hotel Grand Mercure Curitiba Rayon

Rua Visconde de Nácar, 1424 - Centro, Curitiba - PR

Scolla Surgical Training Center

Rua Antonia Torres Siqueira, 701 - Salgadinho, Campo Largo - PR

*Venue subject to change, with possible relocation without causing harm to sponsors



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International Symposium
on Minimally Invasive and
Robotic Cardiovascular Surgery

August 23rd to 25th, 2024

FOR FURTHER INFORMATION

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🌐 scolla.com.br

ORGANIZATION:



SUPPORT:

