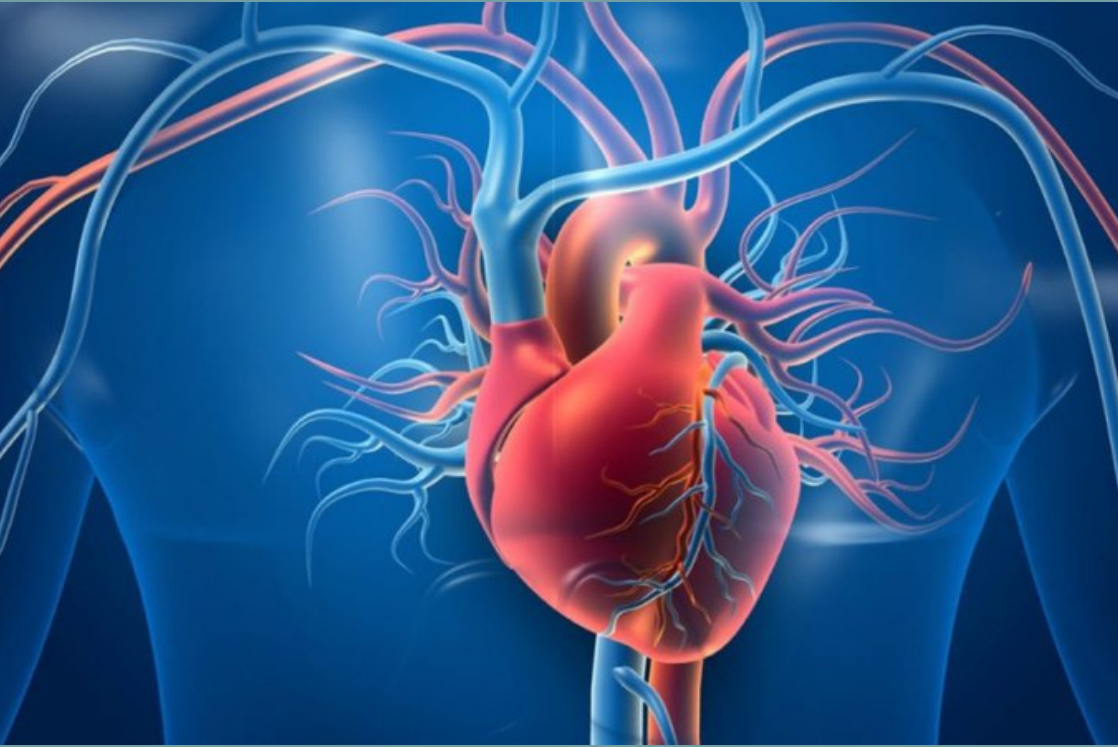


NoVa 2023

Official Program

An International Conference on Non-Valvular Structural
and Cardiovascular Interventions



 NoVa 2023

Saturday, Sunday 3rd and 4th June 2023

Pathology and Education Building

Gold Coast University Hospital



PHILIPS



**Boston
Scientific**
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CONFERENCE TIME TABLE



DAY 1

Saturday 3rd June

7.30am

Welcome | Main Lecture Theatre

Welcome and opening remarks by course convener Prof Rohan Jayasinghe

Session 1 | Chair Prof Rohan Jayasinghe

Pt 1

Cardiac surgeon – Dr Sylvio Provenzano

Gold Coast University Hospital

Anatomy academic – Griffith university

Structural anatomy of inter-atrial septum / left atrial appendage

Pt 2

Dr Katherine Lau

Prince Charles Hospital

Anatomy of PFO/ASD / Left atrial appendage – application of imaging for planning of the intervention

Pt 3

Dr Karen Phillips

Greenslopes Hospital

Left atrial appendage occlusion – State of the art Watchman

10.30am

MORNING TEA

Pt 4

Dr Matthew Brooks

Royal Melbourne Hospital

Left atrial appendage occlusion – another perspective– Amulet

CONFERENCE TIME TABLE



DAY 1

Saturday 3rd June

Pt 5 Dr Greg Starmer
Cairns Hospital
Non-valvular structural intervention in a remote centre; Pitfalls and Opportunities

Pt 6 Dr Tony Walton
The Alfred Hospital Melbourne
ICE guided PFO/ASD closure

Pt 7 Dr Peter Fahmy
Norwest Private Hospital
Management of Complex PFO/ASD cases

12.00pm

LUNCH

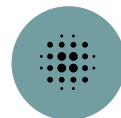
Session 2 | Dr Ronen Gurvitch

Pt 8 Dr Will Wilson
Royal Melbourne Hospital
Complications and management of the same in non-valvular structural intervention

Pt 9 Dr Cameron Ward
Royal Childrens Hospital
Complex Structural interventions in the paediatric patients

Pt 10 Dr Peter Bailey
Gold Coast University Hospital
PFO closure – clinical indications and the evidence base

CONFERENCE TIME TABLE



DAY 1

Saturday 3rd June

Pt 11	Dr Virag Kushwaha <i>Prince of Wales Hospital</i> Management of para-valvular leaks
Pt 12	Dr Tony Vo <i>Gold Coast University Hospital</i> PFO closure / ASD closure - planning / device selection / tips and tricks
2.30pm	AFTERNOON TEA
Pt 13	Dr Manuel Barreiro Perez <i>Head of Cardiology Imaging at Universidad De Salamanca CL.</i> Novel imaging modalities for structural intervention, 3D structural CT
Pt 14	Occlutech presenter Dr Jozef Bartunek <i>TBA</i> New intervention, Atrial Flow regulator
Pt 15	Dr Muddasir Rashid <i>Gold Coast University Hospital</i> Per cutaneous closure of coronary AV fistula/ malformation
Pt 16	Dr Dale Murdoch <i>Prince Charles Hospital</i> Complex structural interventions

6.00pm

COCKTAIL EVENT | SOUTHPORT SHARKS

CONFERENCE TIME TABLE



DAY 2

Sunday 4th June

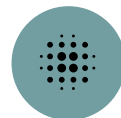
8.00am	Session 3 Chair Kuljit Singh
Pt 17	Dr Jorge Moragues <i>Wollongong Hospital</i> Per cutaneous closure of PFO and ASD – Optimal patient selection and patient work up and Post intervention care
Pt 18	Panel: Dr Tony Vo / Dr Dale Murdoch / Dr Rohan Jayasinghe <i>Call for cases and presentations</i>
9.30am to 10.30am	Interesting case presentations – Prize for best case presentation : recorded cases

1030pm	MORNING TEA
	Session 4 Chair - Dale Murdoch

The following concurrent events will be open to attend from 9.30am

	Cathlab Nurses Symposium
Pt 19	Mark Weaver Symposium Director <i>Gold Coast University Hospital</i>
9.30am to 9.40am	Echo Basics and use in structural heart procedures <i>speaker</i>
9.45am to 10.25am	Left Atrial Appendage Closure <i>speaker</i>

CONFERENCE TIME TABLE



DAY 2

Sunday 4th June

10.30am 11.00am

Break for Morning Tea

11.00am to 11.30am

Stroke Prevention, where do PFO closure devices fit?

speaker

11.30am to 12.00pm

Pre, Intra and Post procedure care of a patient receiving a PFO/ASD device closure.

speaker

12.00pm to 12.30pm

Basics of Cardiac CT

speaker

Pt 20

Dr Glenden Aprile

GCUH

Interventional fellows networking opportunity

12.00pm

LUNCH

Pt 21

INDUSTRY HANDS ON WORKSHOPS

Abbott Technology Room

- 3- dimension LAAO planning – software for preprocedural sizing and planning
- Structural Intervention Mentice – PFO, ASD and LAA modules
- Hands on – PFO, ASD, LAA, PVL plugs (and vascular plugs), PDA Duct Occluders, VSD Occluders,
- ICE Mentice

Gore Technology Room

Simulator workstation

CONFERENCE CLOSES

CONFERENCE PRESENTERS



INTERNATIONAL FACULTY



DR. JOZEF BARTUNEK, MD, PHD

Dr. Jozef Bartunek is the Associate Director at Cardiovascular Center, OLV Hospital, Aalst Belgium. Dr. Bartunek earned his medical degree at Comenius University, Bratislava, Slovak Republic. He got his internal medicine and cardiology training at University Hospital Bratislava and later Cardiovascular Center Aalst, Belgium where he also completed interventional cardiology training.

He was awarded a Fogarty International NIH fellowship and completed it with focus on molecular physiology in cardiac hypertrophy and failure at Beth Israel Deaconess Medical Center, Harvard Medical School Boston, MA.

Dr. Bartunek is a clinician with expertise in interventional cardiology, structural heart disease and heart failure. He pursues his research interests in clinical translational research in heart failure and structural heart disease including role of biomarkers and molecular phenotyping in heart failure as well as device-based interventions in acute and chronic heart failure. His research and innovation are also driven by the experience from the Global Faculty in Training Program completed at Stanford Biodesign.

He is a visiting Professor of Medicine at Catholic University Leuven, Belgium. He has been awarded a Leon Dumont prize of the Belgian Society of Cardiology. He published more than 300 peer reviewed articles, serves as editor in several cardiovascular journals, is a board member EA PCI (2022-2024) and has a start-up experience.

CONFERENCE PRESENTERS



INTERNATIONAL FACULTY

DR MANUEL BARREIRO PEREZ



Dr Manuel Barreiro Perez is the current President of the Spanish Society of Cardiology. He is Head of Cardiology Imaging at Universidad De Salamanca CL.

Dr Perez is a Doctor of Medicine, Specialist in Cardiology, with a Subspecialty in Multimodal Cardiovascular Imaging (Echocardiography, CCT, CMR) with accreditation by International Scientific Societies in these disciplines.

He is a Coordinator of the Advanced Cardiac Imaging Unit, Cardiology Service, at Álvaro Cunqueiro University Hospital. He is a member of the Cardiovascular Research Group of the Galicia Sur Health Research Institute (ISGS). The main lines of research are in multimodal imaging in ischemic heart disease and structural intervention.

Dr Perez has been the Director of the Practical Course "Hands-on" in Cardio-MR and CT since 2016. He is the Director of several SEC Courses in Advanced Cardiac Imaging, and is a Professor in Cardio-MRI University Master's, with a University Master's Degree in Diagnostic Imaging in Cardiology, and University Master's Degree in Endovascular Interventionism.

He is an affiliate member of the Spanish and European Society of Cardiology, a member of the Board of Directors of the MRI and CT Working Group of the Spanish Society of Cardiology. Dr Perez is a member of the Training Commission of the Spanish Society of Cardiology and responsible for the National Registry of Cardiac Imaging of the Spanish Society of Cardiology.

CONFERENCE PRESENTERS



DR ROHAN JAYASINGHE | CONFERENCE CHAIR

Medical Director - Cardiology Department - Gold Coast University Hospital - Queensland

Professor of Cardiology - Griffith University - Queensland

Clinical Professor of Medicine - Macquarie University - Sydney

Adjunct Professor of Medicine - Bond University - Gold Coast



DR GLENDEN APRILE

Glen Aprile is the current interventional cardiology fellow at The Gold Coast University Hospital. Prior to this he completed his basic physician and cardiology advanced training at The Princess Alexandra Hospital and Cairns Base Hospital. He has a strong interest in interventional and structural cardiology and will be commencing a further fellowship with The Victoria Heart Institute in British Columbia, Canada in 2024.



PETER BAILEY

I completed my medical degree at the University of Saskatchewan in Canada graduating in 1981. My neurology fellowship was at the Montreal Neurological Institute at Mc Gill University in Montreal Quebec graduating in 1985. I worked as a general neurologist with an interest in stroke at Saint John New Brunswick from 1985 to 2008. I volunteered in Malawi Africa for 2 years and then moved to the Gold Coast in 2011 where I currently preside.

CONFERENCE PRESENTERS



DR MATTHEW BROOKS

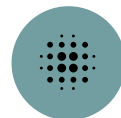
Dr Matthew Brooks completed his medical training at The University of Melbourne, followed by specialist cardiology and interventional training at The Royal Melbourne Hospital.

He undertook two further fellowships at the Royal Infirmary of Edinburgh and Copenhagen University Hospital, with a focus on structural heart disease intervention and complex percutaneous coronary intervention. He is a consultant cardiologist at The Royal Melbourne Hospital and also practices at Melbourne Private and John Fawcner Private Hospitals.

Dr Brooks' expertise is in complex percutaneous coronary artery intervention including chronic total occlusions, left main PCI and rotational atherectomy. He has a special interest in structural heart disease intervention including transcatheter aortic valve replacement and mitral valve repair/replacement, percutaneous left atrial appendage closure, device closure of interatrial defects, and paravalvular leak closure.

In 2019 at The Royal Melbourne Hospital, Dr Brooks broke new ground performing the first BASILICA operation in Australia. The surgery uses a technique developed in the USA that prevents coronary artery obstruction, a rare but often fatal complication during transcatheter aortic valve implantation (TAVI)

CONFERENCE PRESENTERS



PETER FAHMY

Dr Peter Fahmy is a Cardiologist with subspecialty training in Interventional and Structural Cardiology working at Norwest Private Hospital, Blacktown and Westmead Public Hospitals.

His medical career started at Otago University, New Zealand graduating in 2004. He moved to Australia to continue his medical career in cardiology, where he completed his internal medicine training at Westmead Hospital then speciality training at Monash Heart. He then undertook a PhD in gene therapy at the University of Sydney.

Dr Fahmy travelled to Vancouver Canada to undertake a Fellowship in Interventional and Structural Cardiology at Vancouver General and St Paul's Hospitals.

He is team lead for the Norwest Private Hospital Structural Heart Team involved in setting up the transcatheter valve program at Norwest Hospital.



VIRAG KUSHWAHA

Dr Virag Kushwaha is an interventional cardiologist with special interest in the management of structural heart disease and complex coronary artery disease. He graduated in medicine and surgery at the University of Sydney in 2005. He completed his postgraduate training in internal medicine and cardiology at the Prince of Wales Hospital in Sydney and the Leeds General Infirmary in the UK.

Dr Kushwaha is a Senior Staff Specialist at the Prince of Wales Hospital and a visiting Medical Officer at the Prince of Wales Private Hospital, Eastern Heart Clinic, Sutherland Heart Clinic and Port Macquarie Base Hospital. Dr Kushwaha runs an Aboriginal Health Clinic in Sydney and is a volunteer for the East Timor Hearts Fund. Dr Kushwaha is actively involved in clinical research and is a Conjoint Lecturer with the University of New South Wales.

CONFERENCE PRESENTERS



DR KATHERINE LAU

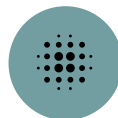
Dr. Lau completed medical training at the University of Queensland and completed advanced Cardiology training at the Royal Brisbane and Womens Hospital and the Prince Charles Hospitals in Brisbane. She has completed a two year Echocardiography and Structural Fellowship at the Prince Charles Hospital. She is currently a senior Staff specialist at the Prince Charles Hospital, visits St Vincent's Private Hospital Northside and St Andrews War Memorial Hospital in Brisbane. She is a Senior Lecturer in Medicine at The University of Queensland.



DR JORGE MORAGUES

Dr Jorge Moragues is a Cardiologist specialised in Cardiac Imaging with a special interest in Interventional Echocardiography. Jorge is a Staff Specialist at Wollongong Hospital and a Senior Clinical Lecturer for the University of Wollongong. Jorge is the clinical director of the ISLHD Heart Failure Clinic, which specialises in complex heart failure and cardiomyopathies, cardiac amyloidosis and pulmonary hypertension. He is in charge of most of the imaging diagnosis, patient selection, peri-procedural imaging and follow up for the structural interventional program including ASD and PFO closure, left atrial appendage occlusion and transcatheter edge-to-edge mitral valve repair.

CONFERENCE PRESENTERS



DR DALE MURDOCH

Dr Dale Murdoch BSc MBBS FRACP FCSANZ is a general and interventional cardiologist in Brisbane, Australia, with special interests in structural heart disease intervention, transcatheter heart valves and transformative technology in healthcare.

Dr Murdoch completed fellowships in interventional cardiology at The Prince Charles Hospital, Brisbane, Australia and St Paul's Hospital, Vancouver Canada. Currently, he is focussed on clinical practice, research and education and performs a full range of complex coronary and structural heart interventions. He has authored 3 book chapters and over 100 peer-reviewed papers and abstracts, and regularly presents at national and international scientific meetings.

Dr Murdoch is a senior staff specialist at The Prince Charles Hospital in Brisbane, Australia, visits St Vincent's Private Hospital Northside and is a Senior Lecturer in Medicine at The University of Queensland.



DR KAREN PHILLIPS

Dr Karen Phillips is a Cardiac Electrophysiologist in private practice in Brisbane. She is a Clinician and Researcher. She heads the Brisbane AF Clinic which is dedicated to the comprehensive management of atrial fibrillation. The clinic is based at Greenslopes Private Hospital, Brisbane – the largest private hospital in Australia. She underwent specialised training at the Cleveland Clinic, America's Number One rated Cardiac Hospital in 2006–2007 under the mentorship of Dr Andrea Natale, a recognised world leader in Atrial Fibrillation Ablation.

Since 2008 she has established one of the largest single-operator Atrial Fibrillation ablation services in Australia at Greenslopes Private Hospital. She has emerged as an expert and one of the leaders of Atrial Fibrillation Interventional procedures in Australia, including performing Catheter Ablation for AF and implantation of Left Atrial Appendage Occlusion Devices for stroke prevention. She has a strong publication record, presents regularly at national and international conferences, is actively involved in clinical trials and has been a vocal patient advocate for new therapies for atrial fibrillation.

CONFERENCE PRESENTERS



DR SYLVIO PROVENZANO

Dr Sylvio Provenzano (MD, MSc, FRACS) is a cardiothoracic surgeon and a TAVI implanter, with special interests in structural heart disease, complex cardiac operations and ECMO support.

Dr Provenzano extensively collaborates with cardiologists and intensivists at the GCUH, in research and clinical practice.

Dr Provenzano has a strong background in congenital and valvular disease, including endocarditis. He has studied and trained in Brazil, USA, Germany and Australia.

Dr Provenzano holds a position of senior specialist at the Gold Coast University and visits the GC Private Hospitals.



DR MUDDASSIR RASHID

Dr Muddassir Rashid is a highly skilled interventional radiologist who serves as the Director of Interventional Radiology at Gold Coast University Hospital and is the lead paediatric interventional radiologist at Queensland Children's Hospital. He completed his fellowship training in abdominal imaging, paediatric radiology, and interventional radiology in Melbourne, Australia.

Dr Rashid's areas of expertise include interventional oncology, liquid embolics, thoracic and abdominal aortic interventions, and paediatric interventions. He is also an accomplished educator and researcher, currently holding an adjunct associate professor position at Bond University and Griffith University's Schools of Medicine.

Dr Rashid is a frequent speaker at national conferences, sharing his knowledge and experience with fellow medical professionals. He is also actively involved in various clinical trials at Gold Coast University Hospital, contributing to the advancement of medical science and patient care.

CONFERENCE PRESENTERS



PROF KULJIT SINGH

Prof Kuljit Singh is a senior staff specialist cardiologist at the Gold Coast University Hospital . He is a coronary and structural interventional cardiologist. Kuljit completed his PhD in Cardiology at university of Adelaide with a research medal and interventioanl cardiology fellowship at the Ottawa Heart Institute.



GREG STARMER, BSC, MBBS (QLD), FRACP, FCSANZ, FESC, FACC

Dr Greg Starmer is a Clinical and Interventional Cardiologist with special interests in interventional cardiac and endovascular procedures, including coronary angioplasty and stenting, percutaneous valvuloplasty and structural heart interventions. Greg then completed his Physician training and Advanced Cardiology training at the Princess Alexandra and Royal Brisbane and Women's Hospital in Queensland prior to moving with his family to London, Ontario, Canada where he completed a fellowship in Interventional Cardiology at the London Health Sciences Centre, University Hospital.

Greg returned to Far North Queensland in 2011 and commenced practice at both the Cairns Hospital and Cairns Private Hospital. He is the current Director of Cardiology at the Cairns Hospital and is an Adjunct Senior Lecturer at the James Cook University School of Medicine and Dentistry.

CONFERENCE PRESENTERS



TONY VO

Dr Tony Vo is a staff specialist cardiologist at Gold Coast University Hospital. He performs both coronary and structural interventional with a special interest in PFO and ASD procedures.

Dr Vo earned his medical degree from the University of Melbourne and completed his cardiology training at various Australian teaching hospitals including Royal North Shore Hospital, Ryde Hospital, Launceston General Hospital and Royal Darwin Hospital before settling into sunny Queensland and undertaking his Interventional Cardiology Fellowship at the Gold Coast University Hospital. He will be going to the United States later this year for further education and training in PFO/ASD closures.

He is actively involved in teaching has been recognised and been invited on numerous occasions by the Cardiovascular Research Foundation (CVRF) to be the Australian ambassador for major internationally recognised interventional cardiology meetings (TCTAP, AP Valves and Structural Heart and Complex PCI).



DR TONY WALTON

Tony Walton is an Interventional Cardiologist based at Epworth Hospital and is an Associate Professor in Medicine at Monash University. He is Deputy Director of Cardiology and Head of the Cardiac Labs at The Alfred and is an Honorary Research Fellow at The Baker Institute.

His training in Cardiology was at the Alfred Hospital and further postgraduate training in Interventional Cardiology was undertaken at Stanford University Medical Centre in the United States.

His professional interests include General and Interventional Cardiology with particular interests in structural heart disease and hypertension. The evolving areas of percutaneous valve replacement and interventional techniques for the treatment of common conditions such as hypertension are particular interests.

CONFERENCE PRESENTERS



CAMERON WARD

Cameron Ward is a paediatric interventional cardiologist from Queensland Children's Hospital. His paediatric and early cardiac training was at Sydney Children's Hospital, followed by 2 1/2yrs at RAHC (now Westmead Children's Hospital), 1 yr at British Columbia Children's Hospital and 1 year of dedicated paediatric interventional training at Texas Children's Hospital. He has been with the Queensland Paediatric Cardiac Service for 26 years and is the director of the cardiac catheterisation laboratory which now offers the full range of paediatric cardiac interventions. His other major area of interest is fetal cardiology with a weekly clinic at the Mater Mother's Hospital.



MARK WEAVER

Mark Weaver is currently the Cardiac Nurse Educator for the Gold Coast University Hospital. I have been nursing for almost 15 years, with a background in cardiology, cardiac surgery, intensive care, and the cardiac catheter lab. I have held a variety of roles including clinical nurse, clinical facilitator, student assessor/facilitator, clinical nurse consultant & nurse educator. I hold a Graduate Certificate in Critical Care Nursing and am currently studying my Masters in Nursing.

CONFERENCE PRESENTERS



DR WILL WILSON

Dr Wilson trained at the University of Melbourne and completed advanced cardiology training through the Royal Melbourne Hospital, with a focus on Interventional Cardiology. He completed two overseas clinical fellowships, in Scotland (Edinburgh Heart Centre) and Canada (Toronto Congenital Cardiac Centre for Adults). He is a cardiologist at the Royal Melbourne Hospital, specializing in percutaneous coronary intervention, adult congenital heart disease and structural cardiac interventions. He is currently undertaking a PhD at the University of Melbourne with a focus on congenital heart disease.

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