



19-22 OCTOBER

MALTESE CARDIAC SOCIETY
CONFERENCE 2017

SCIENTIFIC PROGRAMME

www.mcardios.org



Dear friends and colleagues,

October has become synonymous with the Maltese Cardiac Society (MCS) Conference. The Society is proud to host the most important international academic cardiology event held locally on an annual basis. This year we will be celebrating the 40th anniversary since Andreas Gruentzig performed the first percutaneous coronary intervention in Zurich and the 50th anniversary since Christiaan Barnard performed the first heart transplant in Cape Town. To commemorate these important landmarks in the history of cardiovascular medicine, the focus of the MCS Conference 2017 will be on latest developments in percutaneous and structural heart interventions as well as new concepts in the management of heart failure.

The MCS conference 2017 is a packed 4-day event. It kicks off with a rotablation workshop and comes to a conclusion with a Sunday public event. The programme features 16 scientific sessions, 2 abstract sessions, 4 poster and moderated sessions, 2 allied health sessions, a cardiology update for the family physician as well as a heart failure lunchtime breakout session.

The whole spectrum of cardiology will be covered thanks to the participation of all the local cardiology and cardiac surgery team together with the input of specialists in related fields of diabetes, imaging, paediatrics, emergency medicine, respiratory medicine, nephrology, gastroenterology, rheumatology, geriatrics, vascular surgery, family practice, sports and exercise medicine, public health, pharmacy and pathology.

The recently published European Society of Cardiology (ESC) Atlas places Maltese cardiology amongst the top European countries. To keep up the momentum built up over the past few years, the MCS will be holding 2 joint sessions with the ESC addressing complex decisions in heart failure and state-of-the-art technology in the Cath Lab.

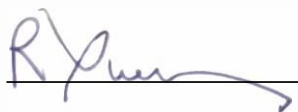
An international faculty of 13 outstanding opinion leaders and renowned experts in cardiovascular science will join our local faculty. We are proud to welcome amongst us Stephan Achenbach, Chairperson of the Programme Committee of the highly successful ESC Congress 2017 held only a few weeks ago in Barcelona, Stefan Anker, Vice President ESC in charge of National Cardiac Societies, Jane Somerville the 'mother of Grown Up Congenital Heart Disease', Susan Vosloo, an important member of the Cape Town heart transplant team, Giuseppe Ambrosio, who travels the world lecturing on the treatment of coronary artery disease, Theresa McDonagh and Iain Squire, both world authorities in heart failure, Laura Dalla Vecchia, an expert on cardiac rehabilitation, Jai-Wun Park, Roberto Diletti and Giorgos Karavolias, all leading interventional cardiologists in complex

percutaneous coronary and structural heart interventions, Michael Papadakis, a world expert in prevention of sudden cardiac death in the young and sports cardiology, and Silvia Priori, world renowned for her work on cardiovascular genetics.

I would like to take this opportunity to mention our industry colleagues who have, not only helped support our conference over the years, but who have also worked hand in hand with the society in the never-ending pursuit to further develop patient care in cardiovascular disease. A special thanks is reserved for our main sponsors; Cherubino, Pfizer, Servier, Menarini, Novartis, Astrazeneca, Charles de Giorgio, Jamesco, Philips Triomed, Bayer Healthcare, ATG, Volcano, Terumo, Technoline, Cardia, Sidroc and Sanofi. Each will be highlighting the latest international innovations in treatment of cardiovascular disease at the exhibition, which will be open throughout the two main days of the conference. Our gratitude also extends to our partners; the Ministry of Health, the University of Malta Medical School, the Malta Medical Students' Association, Mater Dei Hospital and the Malta Heart Foundation.

In the quest to prevent and treat cardiovascular disease, the MCS is an important advocate for patients with policy-makers and politicians. This year we are honoured to have Evarist Bartolo the Minister of Education, who will be officially opening the conference and Anthony Agius Decelis, Parliamentary Secretary for Persons with Disability and Active Ageing and one of our team, who will be chairing the Allied Health Session.

This year's World Heart Day motto is "Share the Power"...referring to the power of healthcare workers and patients to prevent premature cardiovascular disease, the majority of which is avoidable. I am sure this year's conference will provide you with the necessary knowledge, practical advice and professional contacts to enhance your "power".

A handwritten signature in blue ink, appearing to read 'R. Xuereb', with a long horizontal flourish extending to the right.

Dr Robert G. Xuereb
President of the Maltese Cardiac Society
On behalf of The Scientific and Organizing Committee

Maltese Cardiac Society Board 2017

President	Robert G Xuereb
Hon Secretary	Terence Tilney
Vice President	Alexander Manche
Treasurer	Walter Busuttil

Maltese Cardiac Society Conference 2017 Scientific Programme Committee

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Chairman Programme Organising Committee	Alexander Borg
Programme Organising Committee	Victor Grech Mark Abela Matthew Mercieca Balbi John Bonello
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Abstract selection	Philip Dingli Caroline Magri Andrew Cassar
Registration services	Joseph J Galea
Conference Secretaries	Antoinette Calleja Zvetlana Grech
Website	http://www.mcardios.org

External CME points for participation

Thursday 19 th	3 points
Friday 20 th	6 points
Saturday 21 st	6 points

Conference Faculty List

Adrian Mizzi
Alex Manche
Alexander Borg
Alice Moore
Andrew Cassar
Andrew Cassar Maempel
Antoine Vella
Bernard Coleiro
Caroline J Magri
Charmaine Gauci
Charmaine Roberts
Chris Barbara
Claude Portanier
Claudine Marika Aitken
Clifford Xuereb
Daniela Cassar Demarco
Elton Pillaha
Emanuel Farrugia
Herbert Felice
Janet Caruana
Jessica Bugeja
Joseph Cacciattolo
Joe Debono
Joe Galea
John Bonello
Jonathan Vella
Josanne Vassallo
Kentaro Yamagata
Kevin Cassar
Kirill Micallef Stafrace
Lilian Azzopardi
Luise Reichmuth
Mario Farrugia
Kevin Cassar

Kirill Micallef Stafrace
Lilian Azzopardi
Luise Reichmuth
Mark Abela
Mario Farrugia
Mario Vassallo
Mariosa Xuereb
Mark A Sammut
Maryanne Caruana
Matthew Mercieca Balbi
Melanie Zammit Burg
Michael Borg
Michael Spiteri
Michelle Cassar
Myra Tilney
Oscar Aquilina
Paul Soler
Paula Vassallo
Philip Dingli
Philip Sciortino
Robert G Xuereb
Robert Sciberras
Rose Anne Gatt
Salvina Zrinzo
Samuel Meilak
Sandro Vella
Sheldon Attard
Stephen Fava
Stephen Micallef Eynaud
Terence Tilney
Tiziana Felice
Tony Agius Decelis
Vicky Sultana
Victor Grech
Wilfred Galea

Conference International Faculty

Giuseppe Ambrosio
Ian Squire
Jai Wun Park Jane
Somerville
Karavolias Giorgos
Laura Dalla Vecchia
Michael Papadakis

Roberto Diletti
Stefan Anker
Stephan Achenbach
Susan Vosloo
Silvia Priori
Theresa McDonagh

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Terumo
Triomed
Volcano

DAY 1, 19th October 2017

Main Conference

Venue: Catheterisation Suite, Mater Dei Hospital

12:00-15:00 Rotablation workshop

Chairpersons: *Robert G Xuereb, Andrew Cassar, Philip Dingli*

12:00 Tips and Tricks *Karavolias Giorgos*

12:30 Live Session *Karavolias Giorgos*

Cardiology Update for the Family Physician

Venue: Palazzo De Piro, 3, Triq is-Sur, Mdina

20:00 Opening Address *Philip Sciortino, Robert G Xuereb*

20:10 MAIN SESSION

Chairpersons: *Philip Sciortino, Robert G Xuereb*

20:10 Challenges in hypertension: When to ask for help *Emanuel Farrugia.*

20:30 Blackouts and funny turns: Managing syncope in the community *Mark A Sammut*

20:50 Raising awareness on familial hypercholesterolemia *Myra Tilney*

21:10 ECG Diagnosis. Test your knowledge once again! *Melanie Burg*

21:30 Dinner

DAY 2, 20th October 2017

Main Conference

Venue: Main Auditorium, Mater Dei Hospital, Birkirkara, Malta

07:30 Registration

08:30 Opening Speech *Robert G Xuereb, President of the Maltese Cardiac Society*

08:40 Education Minister Address *Hon Evarist Bartolo*

08:50 Maltese Cardiac Society Award

08:55 Secretary Speech Terence Tilney

09:00 SESSION 1: 40th Anniversary of first PCI: New concepts in the treatment of coronary artery disease

Chairpersons: *Robert G Xuereb, Herbert Felice, Andrew Cassar Maempel, Roberto Diletti*

09:00 CABG vs PCI: The latest evidence *Joe Galea*

09:17 Angina pectoris in the PCI era *Giuseppe Ambrosio*09:40 Rotational atherectomy in PCI *Karavolias Giorgos*

10:00 SESSION 2: 50th Anniversary of first heart transplant (1): The novelties and controversies in heart failure therapeutics

Chairpersons: *Giuseppe Ambrosio, Alice Moore, Stephen Fava*

10:00 50th Anniversary of first heart transplant: Keynote lecture *Susan Vosloo*

10:25 Do diabetes drugs improve cardiovascular outcomes? *Josanne Vassallo*

10:50 A shock of humility for non-ischemic cardiomyopathy *Oscar Aquilina*

11:10 Coffee Break, Exhibition, Posters and Moderated Sessions

Moderators: *Caroline J Magri, Philip Dingli, Andrew Cassar*

MP1-MP5 (Refer to Appendix 1)

11:30 SESSION 3: Sudden Cardiac Death and Sports

Chairpersons: *Kirill Micallef Stafrace, Tiziana Felice, Oscar Aquilina*

11:30 Screening for prevention of sudden cardiac death in the young *Michael Papadakis*

11:53 The impact of genetic testing in inherited arrhythmias *Silvia Priori*

12:16 ICD implantation – implications for sports and exercise *Mark A Sammut*

12:40 SESSION 4: Abstract session (1)

Chairpersons: *Caroline J Magri, Andrew Cassar, Pierre Ellul, Brendan Caruana Montaldo*

12:40 Low density lipoprotein cholesterol monitoring in ischaemic heart disease patients (OP1.1)

Elisa Curtolo, Francesca Wirth, Robert G Xuereb, Liberato Camilleri, Andrea Cignarella, Lilian M. Azzopardi

12:50 Analysis of cardiopulmonary resuscitation at Mater Dei Hospital 2016 (OP1.2)

Christabel Mizzi, Tanya Esposito

13:00 The genetics of Brugada syndrome in Malta - a study using next-generation DNA sequencing (OP1.3)

Melanie R. Burg, Graziella Zahra, Mark A. Sammut, Edith Said

13:10 BEAT-IT Project: Screening for causes of sudden cardiac death in Maltese adolescents (OP1.4)

Mark Abela, William Camilleri, Jeremy Fleri Soler, Sara Xuereb, Estelle Abela, Adrian Callus, John Bonello, Maria Farrugia, Lisa Buttigieg, Tiziana Felice, Melanie Burg, Mark A Sammut, Robert G. Xuereb & Michael Papadakis.

13:20 30-day and 1-year outcomes post-TAVI in Mater Dei Hospital (OP1.5)

Elton Pllaha, Sara Xuereb, Andrea Vella Baldacchino, Rachel Xuereb, Kenneth Buhagiar Andrew Cassar, Robert G. Xuereb

13:30 Patent foramen ovale: To close or not to close? An audit on PFO closure outcome (OP1.6)

Norma Pavia, Jeremy Fleri-Soler, Maria Mallia, Andrew Cassar

12:40 Allied Health Session (1)

Location: Room C1 (Ground Floor)

Chairpersons: *Clifford Xuereb, Michelle Cassar, Joe Debono, Claude Portanier, Terence Tilney*

12:40 From novice to expert: Is there a way forward for local cardiac catheterisation nurses

Claudine Marika Aitken, Michael Borg, Rose Anne Gatt

12:55 Patients' lived experiences following CABG

Jonathan Vella

13:10 Secondary prevention in coronary artery disease: are we achieving the goals?

Clifford Xuereb

13:40 Lunch Break

14:30 SESSION 5: The Latest in Percutaneous Therapy

Chairpersons: *Robert G Xuereb, Andrew Cassar, Andrew Cassar Maempel*

14:30 Left atrial appendage occlusion: Why? For whom? How? *Jai Wun Park*

14:50 Contemporary approaches to CTO treatment *Roberto Diletti*

15:15 SESSION 6: Congenital Heart Disease in Malta and Beyond

Chairpersons: *Victor Grech, Paul Soler, Jane Somerville*

15:15 Innovation required to address inequality in world care for congenital hearts
Susan Vosloo

15:35 Let's talk about transition *Maryanne Caruana*

15:55 Thoughts on GUCH and my career *Jane Somerville*

16:20 Coffee Break, Exhibition, Posters and Moderated Sessions

Moderators: *Caroline J Magri, Philip Dingli, Andrew Cassar*

MP6-MP10 (Refer to Appendix 1)

16:40 SESSION 7: Pearls and Pitfalls in Cardiac Imaging

Chairpersons: *Alex Borg, Daniela Cassar Demarco, Salvina Zrinzo*

16:40 The latest on contrast-induced nephropathy *Adrian Mizzi*

16:57 LVOT obstruction in hypertrophic cardiomyopathy: Diagnosis and management
Tiziana Felice

17:14 Cardiac MRI in troponin positive / angiogram negative patients *Kentaro Yamagata*

17:40 SESSION 8: Maltese Cardiology at the Cutting Edge

Chairpersons: *Robert G Xuereb, Mark A. Sammut, Andrew Cassar Maempel*

17:40 Local experience in complex PCI	<i>Philip Dingli</i>
17:52 Local experience in percutaneous structural interventions	<i>Elton Pllaha</i>
18:04 Local experience in electrophysiology	<i>Melanie Zammit Burg</i>
18:16 Local experience in advanced cardiac imaging	<i>Luise Reichmuth</i>
18:30 Closing Remarks	<i>Robert G Xuereb, President Maltese Cardiac Society</i>

DAY 3, 21st October 2017

Main Conference

Venue: Main Auditorium, Mater Dei Hospital, Birkirkara, Malta

08:20 Opening speech	<i>Robert G Xuereb, President of the Maltese Cardiac Society</i>
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08:30 SESSION 9: Joint European Society of Cardiology (ESC) and Maltese Cardiac Society session (1): Complex decisions in heart failure

Chairpersons: *Robert G Xuereb, Susan Vosloo, Herbert Felice*

08:30 Heart failure drugs in the pipeline *Theresa McDonagh*

08:52 Cardio-oncology: An update on the ESC position paper *Stephan Achenbach*09:14 New therapies in heart failure with emphasis on co-morbidities *Stefan Anker*

09:40 SESSION 10: Joint European Society of Cardiology (ESC) and Maltese Cardiac Society Session (2): State-of-the-art technology in the Cath Lab

Chairpersons: *Alex Borg, Andrew Cassar, Alex Manche*

09:40 Bioresorbable vascular scaffolds – current status *Stephan Achenbach*

10:02 Haemodynamic LV support in the cath lab *Andrew Cassar Maempel*

10:24 Percutaneous mitral valve interventions: the latest addition to our armamentarium
for structural heart interventions *Robert G Xuereb*

11:00 Coffee Break, Exhibition, Posters and Moderated Sessions

Moderators: *Caroline J Magri, Philip Dingli, Andrew Cassar*

MP11-MP15 (Refer to Appendix 1)

11:20 SESSION 11: Exercise in primary and secondary prevention

Chairpersons: *Paula Vassallo, Victor Grech, Joe Cacciattolo*

11:20 Cardiac rehabilitation: Why, how and when?

Laura Dalla Vecchia

11:43 Life course approach to physical activity strategies for children to be active

Charmaine Gauci

12:15 Lunch Break

12:15 Novartis Sponsored Lunchtime Breakout Session (by invitation)

Topic: Evolving clinical practice in the management of patients with HFrEF

Location: South Auditorium

Chair: Robert G Xuereb, Herbert Felice, Emanuel Farrugia, Robert Sciberras

12:15 Welcome and introduction

Robert G Xuereb

12:20 Current approaches and future directions in the management of patients with heart failure with reduced ejection fraction

Iain Squire

12:40 Managing & optimizing HFrEF therapies: Clinical case discussion

Theresa McDonagh

13:00 Summary & key learning points / Q&A

Panel discussion

13:15 SESSION 12: 50th Anniversary of first heart transplant session (2): Beyond conventional drugs and devices in heart failure

Chairpersons: *Joseph Galea, Walter Busuttil, Andrew Cassar Maempel, Theresa McDonagh*

13:15 Local experience in surgical ventricular restoration *Alex Manché*

13:32 Targeting the natriuretic peptide system: A paradigm shift in the management of chronic heart failure *Iain Squire*

13:55 Heart transplantation: A historical perspective and current state of the art *Susan Vosloo*

14:20 SESSION 13: Diabetes and the heart

Chairpersons: *Robert Sciberras, Emanuel Farrugia, Myra Tilney*

14:20 Should all diabetics receive aspirin and ACE-i? *Mario Farrugia*

14:37 Hypoglycaemia and atherosclerosis *Stephan Fava*

14:54 Heart failure and diabetes *Sandro Vella*

15:15 Coffee Break, Exhibition, Posters and Moderated Sessions

Moderators: *Caroline J Magri, Philip Dingli, Andrew Cassar*

MP16-MP20 (Refer to Appendix 1)

15:35 SESSION 14: Abstract Session (2)

Chairpersons: *Bernard Coleiro, Kevin Cassar, Antoine Vella, Caroline J Magri, Andrew Cassar*

15:35 Furosemide lounge quality improvement project at King's College Hospital (OP2.1)
Alice Moore, Daniel I Bromage, Adam Nabeebaccus, Sue Piper, Theresa McDonagh

15:45 A cost-effectiveness analysis of the TYRX® antimicrobial envelope and its impact on the reduction of CIED infection (OP2.2)

Melanie R Burg, William Camilleri, Janice Azzopardi, Darryl Portelli, Eliezer Zahra, Robert G Xuereb, Mark A Sammut, Oscar Aquilina

15:55 Holter Umana T1 Study (OP2.3)

Samuel Meilak, Robert G Xuereb, Victor Grech

16:05 Pregravid hypertension may have different secondary sex ratio effects in different races in the United States (OP2.4)

Victor Grech

16:15 Coronary angiography in NSTEMI: a timely intervention? (OP2.5)

Naomi Mercieca, Sarah Catania, Elton Pillaha, Herbert Felice

16:25 High sensitivity troponins in non-ST segment elevation acute coronary syndromes at Mater Dei Hospital.. use or abuse? (OP2.6)

Maria Farrugia, John Bonello, Elizabeth Micallef, Maryanne Caruana

15:35 Allied Health Session (2)

Location: South Auditorium

Chairpersons: *Tony Agius Decelis, Vicky Sultana, Charmaine Roberts, Wilfred Galea, Mariosa Xuereb*

15:35 The needs of the caregivers of people with advanced heart failure: A review of the literature
Cheryl Marie Vella

15:50 NT-Pro BNP

Janet Caruana, Sheldon Attard

16:05 Enhancing GUCH care through advanced nursing.....time for a GUCH clinical nurse specialist
Jessica Bugeja

16:20 Incidence of congenital cardiac anomalies: Does glycaemic control before and during pregnancy have an impact?
Tania Spiteri

16:40 SESSION 15: Guidelines Update

Chairpersons: *Michael Spiteri, Lilian Azzopardi*

16:40 ST elevation myocardial infarction

Matthew M Balbi

16:52 Cardiovascular prevention

John Bonello

17:04 Valvular heart disease

Daniela C Demarco

17:16 Heart failure

Alice Moore

17:28 Atrial fibrillation

Samuel Meilak

17:45 SESSION 16: One final gem before you leave....

Chairpersons: *Alex Manche, Chris Barbara, Mariosa Xuereb, Iain squire*

17:45 Six heart conditions I have not seen and probably never will. A short description of cardiac diseases in the tropics

Stephen M Eynaud

18:15 Closing remarks and best abstract awards

Robert G Xuereb, President of the Maltese Cardiac Society

18:30 Issuing of participation certificates

Day 4, 22nd October 2017

Educational Seminar for Patients and Public

Venue: Main Foyer, Catheterisation Lab, Cardiac Lab, Ground-floor lecture room 1 & 2 (opposite Chapel Entrance), Mater Dei Hospital

09:00-12:00 Open Day

- Visit the Catheterisation Lab (Yellow Zone, Level -1) and Cardiac Lab (Outpatients block, Level 1)

09:00-12:00 Visit the Educational Stands Main Foyer

- Assess your heart risk stand, courtesy of the Malta Medical Students Association (MMSA) and Cardiac Rehabilitation Department
 - Weight, Height, BMI and ideal weight calculation
 - Waist circumference
 - Blood sugar
 - Blood pressure
 - Total Cholesterol estimation

11:00 New developments in cardiology at Mater Dei Hospital *Robert G Xuereb*

- Visit the catheterisation lab (Yellow Zone, Level -1) and cardiac lab (outpatients block, level 1)

11:05 Exercise to maintain a healthy heart: medical perspective *Alex Borg*

11:10 Diet to maintain a healthy heart: medical perspective *Paula Vassallo*

11:15 Exercise to maintain a healthy heart: hear it from the expert *Antonello Gauci*

11:30 Cooking for a healthy heart: the professional chef's perspective *Carmen Tedesco*

11:45 Question and answers

Abstract Submissions (Appendix 1)

Oral Presentations

OP1.1 Low density lipoprotein cholesterol monitoring in ischaemic heart disease patients
Elisa Curtolo, Francesca Wirth, Robert G Xuereb, Liberato Camilleri, Andrea Cignarella, Lilian M. Azzopardi

OP1.2 Analysis of cardiopulmonary resuscitation at Mater Dei Hospital 2016
Christabel Mizzi, Tanya Esposito

OP1.3 The genetics of Brugada syndrome in Malta - a study using next-generation DNA sequencing
Melanie R Burg, Graziella Zahra, Mark A Sammut, Edith Said

OP1.4 BEAT-IT Project: Screening for causes of sudden cardiac death in Maltese adolescents
Mark Abela, William Camilleri, Jeremy Fleri Soler, Sara Xuereb, Estelle Abela, Adrian Callus, John Bonello, Maria Farrugia, Lisa Buttigieg, Tiziana Felice, Melanie Burg, Mark A Sammut, Robert G Xuereb & Michael Papadakis.

OP1.5 30-day and 1-year outcomes post-TAVI in Mater Dei Hospital
Elton Pillaha, Sara Xuereb, Andrea Vella Baldacchino, Rachel Xuereb, Andrew Cassar, Kenneth Buhagiar, Robert G. Xuereb

OP1.6 Patent foramen ovale: To close or not to close? An audit on PFO closure outcome
Norma Pavia, Jeremy Fleri-Soler, Maria Mallia, Andrew Cassar

OP2.1 Furosemide lounge quality improvement project at King's College Hospital, London?
Alice Moore, Daniel I Bromage, Adam Nabeebaccus, Sue Piper, Theresa Mcdonagh

OP2.2 A cost-effectiveness analysis of the TYRX® antimicrobial envelope and its impact on the reduction of CIED infection
Melanie R Burg, William Camilleri, Janice Azzopardi, Darryl Portelli, Eliezer Zahra, Robert G Xuereb, Mark A Sammut, Oscar Aquilina

OP2.3 Holter Umana T1 Study
Samuel Meilak, Victor Grech, Robert G Xuereb

OP2.4 Pregravid hypertension may have different secondary sex ratio effects in different races in the United States.

Victor Grech

OP2.5 Coronary angiography in NSTEMI: a timely intervention?

Naomi Mercieca, Sarah Catania, Elton Pillaha, Herbert Felice

OP2.6 High sensitivity troponins in non-ST segment elevation acute coronary syndromes at Mater Dei Hospital... use or abuse?

Maria Farrugia, John Bonello, Elizabeth Micallef, Maryanne Caruana

Moderated Posters

Heart Failure

MP1 Discharge criteria for heart failure nurse-led clinic at Mater Dei Hospital, Malta

Lisa Buttigieg, Z. Gauci, Janet Caruana, Alice Moore

MP2 The use of N-terminal proBNP in the emergency department – the local situation

Neville Borg, Martha A Dimech, Jordan Camilleri, Clarissa M Zehlicke, Chris Barbara, Alan Drago

Primary Care and Cardiovascular Prevention

MP3 Auditing PCSK9 inhibitor eligibility in the cardiac rehabilitation department

Mark Abela, Periasamy Manivannan, Dar H Khalid, Robert G Xuereb

MP4 Re-auditing management of hypertensive patients referred for Schedule V application for anti-hypertensive treatment

Jacob Vella, Caroline Galdes, Myra Tilney

Coronary Artery Disease

MP5 Local use of intravascular ultrasound at Mater Dei Hospital

Philip Dingli, Daniel Mizzi, Rebecca Zammit, William Camilleri, Robert G. Xuereb

MP6 The use(lessness) of a 3rd troponin

John Bonello, Maria Farrugia, Elizabeth Micallef, Maryanne Caruana

MP7 Are men and women different? An audit on management of ACS

Nadeem Afaq, Chantelle Magri, Elton Pillaha, Herbert Felice

MP8 Two trop... too late: The timing of 2nd troponin sampling at Mater Dei Hospital

Maria Farrugia, John Bonello, Elizabeth Micallef

MP9 The local CTO PCI programme

Khalid Dar, Mani Pariasamy, James Debono, Sarah Bonello, Philip Dingli, Andrew Cassar, Robert G Xuereb

Electrophysiology

MP10 Arrhythmia Ablation therapy: a local perspective

Estelle Abela, Kyle Cilia, Robert G Xuereb, Oscar Aquilina, Mark A Sammut

MP11 Changes in follow-up left ventricular ejection fraction post CRT implantation - a retrospective audit

Martha Dimech, Mark Abela, Mark A Sammut

MP12 Local indications and outcomes of ILR implantation

Maria Ciantar, Marie C Farrugia, Ruth Attard, John Bonello, Oscar Aquilina, Andrew Cassar

MP13 A 1-year outcome of the local atrial fibrillation ablation programme

Istvan Mifsud, Mary Louise Camilleri, Melanie Zammit Burg, Maryanne Caruana, Alex Borg

MP14 The diagnostic yield of 24-hour holter monitoring in local patients investigated for palpitations.

Kevin Bonnici, Jean-Pierre Brincat, Melanie R Burg

MP15 Comparison of incidence of ventricular arrhythmias detected on 24-hour holter monitoring between patients with heart failure and a healthy population aged 50+

Jean Paul Xuereb, Caroline J Magri, Jean-Pierre Brincat, Melanie R Burg

MP16 Atrial fibrillation post-cardiothoracic surgery

Samuel Zahra, Steve Micallef Eynaud, Andre Navarro, Alex Manche

Cardiovascular Imaging

MP17 Aortic coarctation – never too late to diagnose, never too late to treat

Luca Conti, Sarah Borg Savona, Tania Spiteri, Joseph Degiovanni, Alex Borg, Maryanne Caruana

MP18 A case of myocardial infarction with normal coronaries

Estelle Abela, Mark A Sammut

MP19 Accuracy of CT in determining trans-aortic catheter prosthetic valve size at Mater Dei Hospital. A re-audit.

Valentina Fenech, Russel Tilney, Elton Pillaha, Alex Borg

MP20 Correlation of myocardial perfusion stress imaging with invasive coronary angiogram findings in patients attending for elective coronary angiography

Matthew Drake, Andrea Vella Baldacchino, Melanie R Burg, Tiziana Felice, Alex Borg, Maryanne Caruana

MP21 Unusual Application of Cardiac Magnetic Resonance Imaging

Luca Conti, Kentaro Yamagata, Alex Borg

International Faculty (Appendix 2)



Professor Giuseppe Ambrosio is recognized as a fellow of both the European Society of Cardiology and the American College of Cardiology. He obtained his M.D. from the University of Naples School of Medicine, Italy, graduating “summa cum laude”. He received his Ph.D in Cardiovascular Pathophysiology from the University of Naples. He trained as a resident in cardiology at the same university and later completed his fellowship at Johns Hopkins Hospital, Baltimore, U.S.A. He is currently the Director of the Division of Cardiology at the University of Perugia, School of Medicine and has published over 250 papers in peer-reviewed journals with over 14,000 citations in international literature and an impact factor of 1526.5. He has given over 150 lectures and seminars at international meetings. He is also a former editor of the Italian Heart Journal as well as former secretary of the Science Council of the European Society of Cardiology. Professor Ambrosio has received multiple international research grants of which his research interests include acute coronary syndromes, chronic ischemic heart disease, ischemia / reperfusion injury, no-reflow neutrophil activation, microcirculation, myocardial stunning and myocardial hibernation, oxidative stress and heart failure.



Professor Theresa McDonagh is an established clinical and academic expert in Heart Failure. She has significant standing interest in the Epidemiology of Heart Failure and in the use of Biomarkers to detect preclinical disease. She is a past Chair of the British Society for Heart Failure and is on the Board of the Heart Failure Association of the European Society of Cardiology (ESC). She is the Clinical Lead for the National Heart Failure Audit and is on the ESC Guidelines Committee. She is currently working at King's College Hospital as a Consultant Cardiologist and Professor of Heart Failure



Dr Stefan D. Anker is Professor of (Tissue)Homeostasis in Cardiology & Metabolism (W3) at Charité Berlin (from June 2017). Dr. Anker studied medicine at Charité Berlin and completed his clinical training in Germany and the UK. He obtained his M.D. from Charité Medical School, Berlin, Germany (1993), and his Ph.D. (1998) at National Heart & Lung Institute of Imperial College London. He was Professor of Cardiology & Cachexia Research (W2) at Charité (2002-14), and Professor of Innovative Clinical Trials (W3) in Göttingen (2014-17).

Dr. Anker has authored more than 750 original papers, reviews, and editorials that are well cited (total citations: >51,000, h-index: 108, papers with ≥ 200 citations: 62; source: Scopus, 28th Sept, 2017). For his work Dr. Anker has won several prizes, and obtained a number of fellowships and grants, including 2 from NIH (WARCEF trial), 2 EU-FP7 & 2 IMI/Horizon2020 grants. He was co-ordinator for “SICA-HF” study (EU-FP7).

Dr. Anker is Vice President of the European Society of Cardiology (ESC, 2016-18), serving on the ESC board since 2012. Dr. Anker serves in the board of the Heart Failure Association (HFA) of the ESC since 2006; he was HFA President (2012-14), and currently chairpersons the HFA committee on regulatory affairs. He is founding Editor-in-Chief of the first open access heart failure journal ESC Heart Failure. Dr. Anker serves on the editorial boards of 4 scientific journals (including European Heart Journal and European Journal of Heart Failure), and he worked in several ESC Guideline task forces.

Dr. Anker is the founding president of the International Society on Sarcopenia, Cachexia and Wasting Disorders (SCWD – see www.cachexia.org). Dr. Anker is founding Editor-in-Chief of the Journal of Cachexia, Sarcopenia and Muscle (JCSM, 2016-IF: 9.70, see www.jcsm.info). Dr. Anker was and is member of >30 international clinical trial steering committees, chairing or co-chairing several currently (FAIR-HF2, RESHAPE-HF2, EMPEROR-HFpEF, Fair-HFpEF) as well as in the past (incl. FAIR-HF, TIM-HF, AUGMENT-HF, IMPULSE-HF, and BACH). He served in a number of DMC's (chairing 4) and end-point committees (chairing 4).



Professor Iain Squire qualified in Medicine from Glasgow University, UK in 1987. His early training took place in Glasgow, where he held position as Lecturer, and completed MD studies in to the haemodynamic and neurohumoral response to initiation of ACE inhibition in patients with heart failure. Professor Squire was appointed as Lecturer in Medicine at the University of Leicester in 1995, and as Senior Lecturer in 1998. A personal Professorial Chair was awarded in 2009.

Professor Squire is Consultant Physician at the University Hospitals of Leicester (UHL) NHS Trust where he has clinical responsibility for the 19-bed coronary care unit at Glenfield General Hospital, a busy tertiary cardiology centre. With two colleagues Professor Squire runs an out-patient heart failure service which includes an urgent heart failure service, a nurse-led clinic and an in-patient service which includes a 27-bed heart failure unit and four specialist nurses. Professor Squire was a Councillor to the British Society for Heart Failure from 2001 to 2003, Treasurer from 2009-2011, Deputy Chair from 2011-2013 and is currently Chair of the Society. He is UK coordinator for the joint European Society of Cardiology/European Heart Rhythm Association CRT Registry, a position he has held since 2007. Professor Squire is also Vice-Chair of one of the National Institute for Health and Clinical Excellence Technology Appraisal Committee.

His research interests include: natriuretic peptides and other cardiac biomarkers; the epidemiology of heart failure; prognostic markers in heart failure and acute coronary syndromes; and the influence of glycaemia and diabetes on prognosis in coronary artery disease. Professor Squire has authored over 180 scientific papers in peer-reviewed journals, and several book chapters, and he was UK national lead investigator for the PARADIGM-HF trial.



Dr Roberto Diletti is interventional cardiologist at the Thoraxcenter, Erasmus MC, in Rotterdam. He obtained the degree of PhD based upon his research in percutaneous coronary interventions (PCI). He published widely within the fields of bioresorbable scaffolds, acute coronary syndromes and coronary chronic total occlusions (CTO). He has significant expertise in complex PCI and he has a particular interest in CTO treatment, also focusing on education and implementation of new technologies and techniques. He is currently leading the clinical research on acute coronary syndromes and the CTO program at Thoraxcenter, Erasmus MC.



Dr Stephan Achenbach, MD graduated from the University of Erlangen Medical School in 1993. His career steps included positions in Erlangen, Germany, Boston, MA, USA and Giessen, Germany until, in October 2012, he was appointed Chairman of the Department of Cardiology and Professor of Medicine at the University of Erlangen, Germany.

The main clinical interests of Stephan Achenbach are Interventional Cardiology, General Cardiology as well as Cardiac Imaging and Intensive Care Medicine. His research is focused on cardiac intervention and cardiac imaging, mainly computed tomography, with an emphasis on using CT to identify and quantify coronary stenoses, to analyze and characterize coronary atherosclerotic plaque and support coronary and structural interventional procedures.

Stephan Achenbach has authored approximately 550 publications listed in Medline. According to Thomson Reuters, he is among the 1% most cited researchers in the field of Clinical Medicine. He serves as the Editor in Chief of the Journal of Cardiovascular Computed Tomography and is on the Editorial Board of several other journals. He was the Founding President and is currently a member of the Executive Committee of the Society of Cardiovascular Computed Tomography. Stephan Achenbach served as a Councillor to the Board of the European Society of Cardiology from 2012 to 2014 and as Vice President of the European Society of Cardiology (ESC) for the 2014-2016 period. He is currently Chairperson of the ESC Congress Programme Committee and a member of the ESC Board of Directors.

Dr. Achenbach has received several awards, including the Jan Brod Award for Clinical Research of the Medical School of Hannover, Germany (1999), the Thomas C. Cesario Distinguished Visiting Professorship Award, University of California Irvine School of Medicine (2007), the Simon Dack Award, American College of Cardiology (2009), the Gold Medal of the Society of Cardiovascular Computed Tomography (2015), the Sir Godfrey Hounsfield Award of the British Institute of Radiology (2016), and the Best Teaching Award, Clinical Medicine, University of Erlangen-Nürnberg (2013, 2014, 2015, 2016).



Dr Laura Dalla Vecchia is Chief Cardiologist at the IRCCS Istituti Clinici Scientifici Maugeri, Milano, and Medical Director of the “Istituti Clinici Scientifici Maugeri SPA SB” of Milano and Lissone. Italy. The IRCCS Maugeri is a leading hospital for Rehabilitation Medicine. Patients receive a comprehensive care for their main disease together with the associated comorbidities and disabilities, consisting of an individualized rehabilitation project and program based on the International Classification of Functioning, Disability and Health. Disease and disability are treated as a whole.

Doctor Dalla Vecchia graduated in 1987 at the University of Milan, then specialized in Cardiology at the University of Parma. She served as a Fellow in Cardiology at the Brigham and Women’s Hospital, Harvard University, “Lown Cardiovascolare Group”, Boston (1989-1991). Back in Italy, she was clinical cardiologist, third level echocardiographer and researcher at the L. Sacco Hospital, University of Milano, and in 2007 she was appointed Director of the Sub-acute Care Department and Syncope Unit at the IRCCS Maugeri in Milan. She currently directs 3 of the 18 Maugeri Institutes in Italy (www.fsm.it). She is Vice-President of the Local Ethical Committee.

She is author and co-author of more than 100 articles, book chapters and abstracts in peer reviewed national and international journals. Main research interests include the cardiovascular nervous control, cardiac arrhythmias, echocardiography, telemedicine, ischemic heart disease, exercise and sport medicine. She was also adjunct professor at the School of Sport Medicine, University of Milan (2008-2015).

She is currently Principal Investigator of the following projects: REGINA (REGIstry of Non-vitamin K oral Anticoagulant), CARDINALS (CARDiovascular Neural Regulation in Amyotrophic Lateral Sclerosis), WOW&CAP (Working Women and their Cardiac Autonomic Profile), and Co-Investigator of several Clinical Trials and Projects.



Professor Jai-Wun Park received his M.D. in 1983 from the Ludwig Maximilian University of Munich and trained in internal medicine and cardiology at the Academic Teaching Hospital of Schwabing, Munich and later at the German Heart Institute, Berlin.

He has held the position of Chief of Cardiology at a number of hospitals around Germany including the Health Institute of Dresden, Technical University and later Asklepios Academic Teaching Hospital of Hamburg before moving on to his current post as Chief of Department of Internal Medicine and Cardiology at Dietrich-Bonhoeffer Hospital, Neubrandenburg.

He is also the Head of the Institute for Magnetocardiography at Coburg General Hospital and Senior Consultant in Cardiology at Charite University Hospital, Berlin and in 2003 he was elected as Chief Executive Officer at the Institute for Heart and Circulation Research, Hoyerswerda.



Dr Michael Papadakis is a Senior Lecturer in Cardiology at St George's, University of London and a Consultant Cardiologists at St George's University Hospitals. Dr Papadakis qualified at Imperial College School of Medicine in London in 2001 and gained membership of the Royal College of Physicians in 2007. In 2014 he was awarded a Medical Doctorate at King's College London. His interests include sports cardiology, inherited cardiac diseases, prevention of sudden cardiac death in the young, heart failure and cardiac imaging.

Dr Papadakis is currently credited with more than 80 publications in peer reviewed medical journals. He is the chair-elect of the European section of Sports Cardiology. He has contributed to a number of projects including the creation of the Sports Cardiology core curriculum and exercise recommendations for patients with congenital heart disease. He has advanced education in the field of Sports Cardiology by building the educational material for the European Society of Cardiology and launching a novel MSc degree in Sports Cardiology, the first postgraduate qualification of its kind.



Dr Susan Vosloo was born in South Africa, and underwent schooling and pre-graduate medical training in Bloemfontein, qualifying in 1980 at the University of the Free State. She started Surgical training in Johannesburg and completed training in Cardiothoracic Surgery at the University of Cape Town, gaining the Fellowship of the College of Surgeons of South Africa and M.Med degree in Cardiothoracic Surgery (UCT) in 1988. Further training in Congenital and Paediatric Cardiac Surgery was done at the Harley Street Clinic and Great Ormond Street Children's Hospitals in London, UK in 1989 and 1990. She remains up to date by regular attendance of conferences and workshops in her interest fields. She was a full-time surgeon in the Department of Cardiothoracic Surgery at Groote Schuur Hospital, University of Cape Town before starting at the then City Park Hospital in 1991. She currently is in independent private practice at Christiaan Barnard Memorial Hospital. Her professional interests are Transplantation and surgery for congenital heart defects.

She remains passionate about education and serves on the University Council of UFS. She is a member of the Steering Committee of the World Congress of Paediatric Cardiology and Cardiac Surgery (hosted in Cape Town in 2013) and was a founder member of World Society for Paediatric and Congenital Heart Surgery, where she currently serves on the Governing Body as well. Susan is married to Anton Ferreira, Specialist Anaesthesiologist and has twin daughters, born in October 2000.



Professor Jane Somerville is Emeritus Professor at Imperial College, London, and is globally acknowledged as a pioneer for her research into congenital heart disease. She also helped found the field of Grown Up Congenital Heart Disease and founded the World Congress of Pediatric Cardiology.



Professor Silvia G. Priori received her Degree in Medicine in 1985 at Milan University, her specialization in Cardiology in 1989 at Milan University and her PhD in Cardiovascular Pathophysiology at Milan University. She is Global Scientific Director of Istituti Clinici Scientifici Maugeri (ICS MAUGERI) SpA SB, Full Professor of Cardiology since 2014 in the Department of Molecular Medicine at the University of Pavia (Italy), Director of Molecular Cardiology Unit at the Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC) Madrid Spain and at the ICS MAUGERI in Pavia,

Italy. She is best known for her work on genetics and pathophysiology of genetic cardiac arrhythmias. The translational research conducted in her laboratories ranges from molecular studies in induced-pluripotent stem cells derived myocytes used as a disease model to functional investigations in transgenic animals and to the development of gene therapies. On the clinical and several landmark studies in the field of inherited arrhythmias have identified novel therapies, developed risk stratification schemes and contributed to the definition of clinical management for patients with inherited arrhythmias.

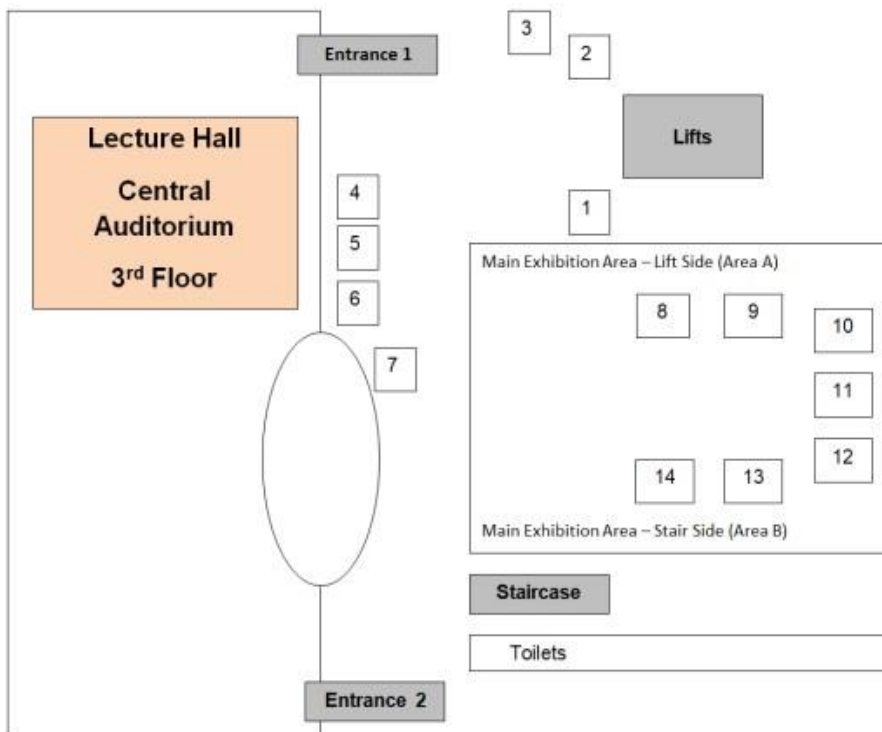


Dr George Karavolias graduated from the National and Kapodistrian University of Athens School of Medicine in 1985 and later completed his PhD in 1997 at the same university. He carried out his internship and residency at Rhodes General Hospital, Greece and completed his fellowship in Cardiology at Athens General Hospital.

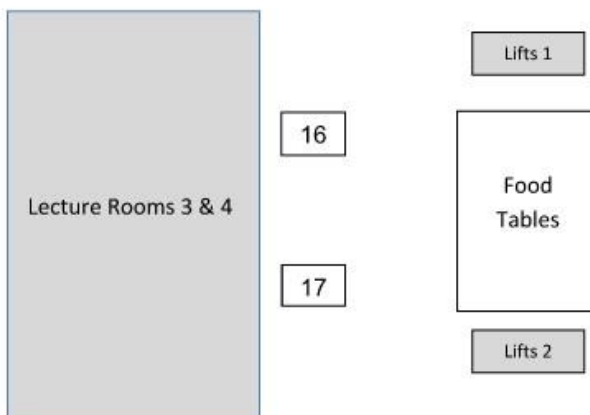
Dr Karavolias is currently the Head of the Department of Cardiology of the Metropolitan Hospital of Athens. He has experience in interventional cardiology, transplant cardiology and as a consultant for the coronary care unit. He is considered a fellow of the European Society of Cardiology as well as the American College of Cardiology. He is also affiliated with the Acute Cardiovascular Care Association, the European Association of Percutaneous Cardiovascular Intervention (EAPCI) and the International Society for Heart and Lung Transplantation.

Exhibition Halls (Appendix 3)

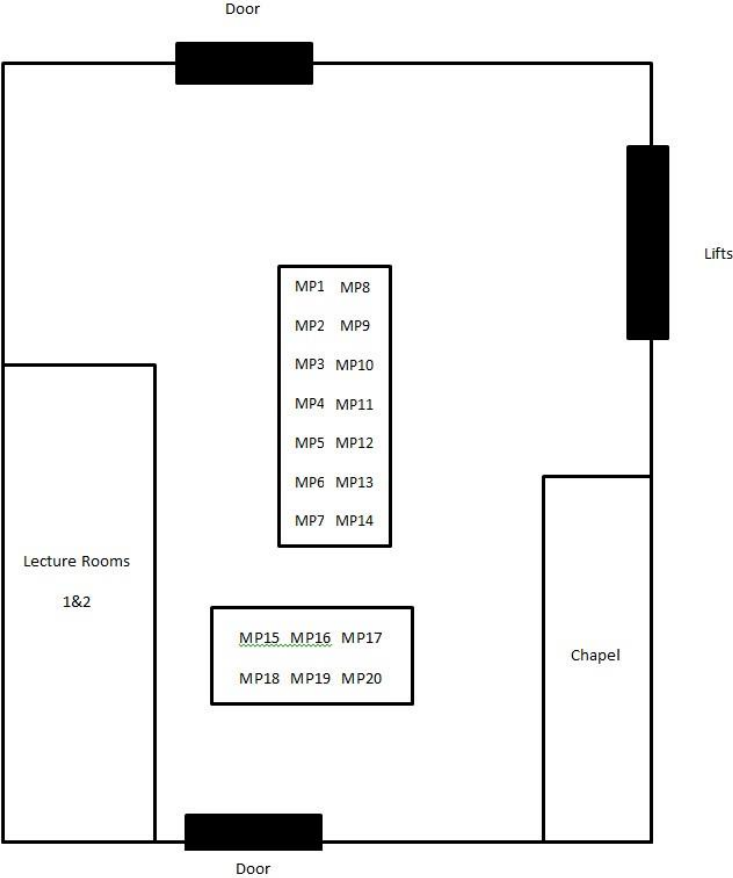
Third Floor



First Floor



Poster Hall (Appendix 4)



Sponsors and Collaborators (Appendix 5)

Gold Sponsors

1	Cherubino
2	Actavis
3	Pfizer
4	Servier
5	Menarini
6	Novartis
7	Astrazeneca
8	Charles de Giorgio
9	Jamesco
10	Philips, Triomed
11	Bayer Healthcare
12	ATG, Volcano Terumo
13	Technoline/Cardia
14	Sidroc

Silver Sponsors

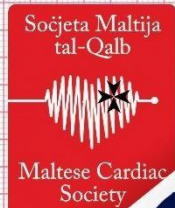
15	Sanofi
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Partners

University of Malta	Medical School
Ministry of Health	Mater Dei Hospital

Malta Medical Students' Association

Malta Heart Foundation (16)



Open to the general public
Free Entrance



MALTESE CARDIAC SOCIETY
CONFERENCE 2017

Visit the Cardiac Lab.
(Outpatients Block, Level 1 &
Cardiac Catheterisation Lab.
(Yellow zone, Level -1)

**11:00 Public lectures in Seminar Rooms
1 & 2 (opposite the chapel)**

- 11:00** New Developments in Cardiology
at Mater Dei Hospital - **Dr.R.G.Xuereb**
- 11:05** Exercise to maintain a healthy
heart: medical perspective - **Dr.A.Borg**
- 11:10** Diet to maintain a healthy heart :
medical perspective - **Dr.P.Vassallo**
- 11:15** Exercise to maintain a healthy heart :
hear it from the expert - **Mr.A.Gauci**
- 11:30** Cooking for a healthy heart : the
professional chef's perspective -
Ms.K.Tedesco

*Refreshments will be served following
the lectures.*



BP Monitoring



BMI



Blood Sugar



Cholesterol



Lectures

Sunday

22 October 2017

09:00-12:00

**Mater Dei Hospital
Main Foyer**

"1 MATERDEI



Health Promotion & Disease
Prevention Directorate



NQVART IS





www.mcardios.org