



**Golden Jubilee  
Research Institute**

Patients at the heart of progress

# The Golden Jubilee Research Showcase

**Friday 2 December 2016**

**Golden Jubilee Conference Hotel**

**Keynote speaker:**

**Professor Ian Ford, Professor of Biostatistics, University of Glasgow**



**#GJRI2016**

# Programme

Time	Session
08:30 – 09:00	Registration and coffee
09:00 – 09:10	<b>Welcome and Introduction</b> Jill Young, Chief Executive
09:10 – 09:20	<b>Research at the Golden Jubilee Foundation</b> Dr Catherine Sinclair, Golden Jubilee Research and Development Manager
<b>Session 1 – Chairs: Anne Marie Cavanagh and Dr Alistair McFie</b>	
09:20 – 09:50	<b>Cardiac surgery (including transplantation)</b> Professor Nawwar Al-Attar, Consultant Cardiac and Transplant Surgeon
09:50 – 10:20	<b>Anaesthetics and Critical Care</b> Dr Ben Shelley, Consultant in Cardiothoracic Anaesthesia and Intensive Care
10:20 – 10:50	<b>Thoracic surgery</b> Mr Alan Kirk, Consultant Thoracic Surgeon and Director of Medical Education
10:50 – 11:30	<b>Poster session 1: Tea, coffee and networking</b>
<b>Session 2 – Chairs: Dr Fiona Murphy and Maureen Mason</b>	
11:30 – 12:00	<b>Scottish Pulmonary Vascular Unit</b> Professor Andrew Peacock, Consultant Respiratory Physician and Director of SPVU
12:00 – 12:30	<b>Scottish National Advanced Heart Failure Service</b> Professor Mark Petrie, Consultant Cardiologist
12:30 – 1:30	<b>Poster session 2: Lunch and networking</b>
1:30 – 2:00	<b>Scottish Adult Congenital Cardiac Service</b> Dr Niki Walker, Consultant Cardiologist
<b>Session 3 – Chairs: Mr Frédéric Picard and Dr Hany Eteiba</b>	
2:00 – 2:30	<b>Orthopaedics</b> Mr Jon Clarke, Consultant Orthopaedic Surgeon
2:30 – 3:00	<b>Cardiology</b> Dr Margaret McEntegart, Consultant Cardiologist
3:00 – 3:15	<b>Poster session 3: Tea, coffee and networking</b>
<b>Keynote speaker</b>	
3:15 – 3:35	<b>Making the most out of clinical studies; trials, registries, biobanks, record linkage and epidemiology</b> Professor Ian Ford, Robertson Centre for Biostatistics, University of Glasgow Keynote lecture will be introduced by Professor Keith Oldroyd, Consultant Cardiologist and NRS Champion for Cardiovascular Disease
3:35 – 4:00	<b>Conclusion, highlights of the event and poster presentation</b> Professor Colin Berry, Director of Research and Development

## Posters

Poster No.	Poster title	Presented by:
1	Enhanced Recovery after Surgery (ERAS) vs Non Enhanced Recovery After Surgery in Patients Undergoing Elective Cardiac Surgery.	<b>Kirsty Graham</b>
2	The Incidence and Outcomes of Primary Graft Dysfunction (PGD) post-adult heart transplantation (HTx) in the UK.	<b>Sanjeet Singh</b>
3	The Post-operative Glasgow Transplant Score (Post-GTS).	<b>Sanjeet Singh and Tony Vassalos</b>
4	The Association between Postoperative Analgesic Technique and Long-term Patient Outcomes Following Surgical Resection of Lung Cancer: A Retrospective Analysis.	<b>Daisy Moran</b>
5	Pulmonary artery wave intensity analysis following lung resection.	<b>Adam Glass</b>
6	Emphasis-10: a cross sectional analysis carried out in the Golden Jubilee National Hospital.	<b>Val Irvine</b>
7	What is the role of Arrhythmias in Heart Failure (RHYTHM-HF)?	<b>Roy Gardner</b>
8	A transcatheter intracardiac shunt device for heart failure with preserved ejection fraction	<b>Sinead McKee</b>
9	Rising Challenge of adult congenital heart disease hospitalisations and operations in Scotland.	<b>Sam Rodgers</b>
10	Psychological distress amongst attendees at the Scottish Adult Congenital Cardiac Service (SACCS) Outpatient Clinic – a cross-sectional survey.	<b>Anna Maddison</b>
11	Simplified registration in navigated total knee arthroplasty: A randomised controlled trial.	<b>David Allen</b>
12	Peri-operative analgesic method does not affect rehabilitation outcomes following total knee arthroplasty.	<b>David McDonald</b>
13	GlaMoRos: The Glasgow MRI Rotational Atherectomy Study.	<b>David Corcoran</b>
14	Patients with ST elevation myocardial infarction (STEMI) treated in a regional primary percutaneous coronary intervention centre: A comparison between information needs of patients and health care professionals.	<b>Clare Ferguson</b>
15	The TRANSFORM study: Endobronchial valves in end stage emphysema.	<b>David Patton</b>
16	PULMICC: a randomised trial of pulmonary metastasectomy in Colorectal cancer.	<b>Alan Kirk</b>
17	Heart Rate Recovery in response to Disease Targeted Therapy in Pre-capillary Pulmonary Hypertension	<b>Alison MacKenzie</b>

## Speaker Biographies

### Jill Young, Chief Executive, Golden Jubilee National Hospital

Jill was appointed as Chief Executive of the Golden Jubilee, a national resource and a flagship hospital for NHSScotland, in 2004. With a lifetime in the NHS, she has gained extensive experience in quality, innovation, professional nursing, general management, performance and strategy. Jill has dedicated her career to improving quality and safety through innovation and redesign of services, constantly finding new ways to improve the standard of care for patients and their families. The Golden Jubilee has an exceptional track record for innovation and getting things done. This success can be attributed to inspirational leadership, a committed and entrepreneurial staff working alongside an accessible and imaginative management team, where aspirational thinking is actively encouraged. This 'Can Do' attitude enables Golden Jubilee to be a catalyst for change and improvement. The unique 'Leadership Strategy' sets out the ambition to have a workforce who thinks and act differently, challenge conventional wisdom, spot trends, see opportunities and tenaciously find ways to achieve the highest quality of care. With a 2020 Vision to lead quality, research and innovation, over the last several years, Jill Young has been dedicated to supporting the delivery of this vision in all aspects of health and wellbeing. This has included the development of an interactive Quality Framework, which provides robust assurance that safe, effective and person centred care is the top priority at all times.

### Catherine Sinclair, Research Manager, Golden Jubilee National Hospital

Catherine Sinclair began her career at the University of Glasgow studying Microbiology and then completing a PhD in the broad subject area of Molecular Virology. She went on to specialise in Molecular Immunology with a post-doctoral position in the University's Department of Microbiology, followed by a Post Doctorate at the Moredun Research Institute at the University of Edinburgh. Catherine's first Research Manager post was with NHS Highland before moving on to the Golden Jubilee. Catherine has been Research Manager at the Research Institute for the past eight years.

### Professor Nawwar Al-Attar, Consultant Cardiac and Transplant Surgeon, Golden Jubilee National Hospital

**Field of interest:** Heart failure, mechanical assist devices, transplantation, total arterial CABG, valve repair, aortic surgery. **University affiliation:** Honorary Clinical Associate Professor, College of Medical, University of Glasgow Lecturer, Masters Cardiovascular Devices, Bioengineering Unit, University of Strathclyde; Associate Professor of Cardiovascular and Thoracic Surgery, Faculty of Medicine, University Denis Diderot Paris 7, Paris. More than 80 peer reviewed publications: [www.ncbi.nlm.nih.gov/pubmed/?term=al-attar+n](http://www.ncbi.nlm.nih.gov/pubmed/?term=al-attar+n)

### Dr Ben Shelley, Consultant in Cardiothoracic Anaesthesia and Intensive Care, Golden Jubilee National Hospital

Ben has been working with the Academic Unit of Anaesthesia at the University of Glasgow since 2009. He completed his MD thesis on 'acute lung injury after lung resection' in 2015 and is currently principal investigator on several collaborative studies examining acute lung injury and right ventricular dysfunction after thoracic surgery. He holds research grants awarded by the Association of Cardiothoracic Anaesthetists, National Institute of Academic Anaesthesia, Intensive Care Society and Scottish Society of Anaesthesia. Dr Shelley had the pleasure of hosting the prestigious British Journal of Anaesthesia Research Forum here in the Golden Jubilee Conference Hotel in November this year, which saw academic anaesthetists from around the UK converge on the Golden Jubilee to present and discuss their work.

### **Mr Alan Kirk, Consultant Thoracic Surgeon, Golden Jubilee National Hospital**

Director of Medical Education, Golden Jubilee National Hospital; Honorary Clinical Associate Professor, University of Glasgow; Deputy Clinical Lead, West of Scotland Lung Cancer Managed Clinical Network; Immediate Past President, Scottish Thoracic Society; Graduated University of Glasgow 1979 Trained in Cardiothoracic Surgery in Glasgow, Newcastle, Bristol; Active clinical research in Thoracic Surgery.

### **Professor Andrew Peacock, Director of the Scottish Pulmonary Vascular Unit, Golden Jubilee National Hospital**

Professor in Medicine at the University of Glasgow (Respiratory Medicine) and Director of the Scottish Pulmonary Vascular Unit, Golden Jubilee National Hospital, Glasgow (one of the UK's seven designated specialist pulmonary units). Prof Peacock is author of more than 200 papers, reviews, and chapters on pulmonary vascular disease. He is co-editor with Lew Rubin and Robert Naeije of Pulmonary Circulation: diseases and their treatments (4th Edition in press). In 2015 he was awarded the ERS Lifetime achievement award for his work in Pulmonary Hypertension.

### **Professor Mark Petrie, Consultant Cardiologist, Golden Jubilee National Hospital and Glasgow Royal Infirmary**

Professor Mark Petrie has recently transferred to Glasgow University from the NHS. He has published more than 100 papers in journals including the New England Journal of Medicine and the Lancet. He is on the Steering Committee of several ongoing trials including STICH (CABG v medical therapy in heart failure), REVIVED (PCI v medical therapy in heart failure), REDUCE LAP (device therapy for HF-PEF), IRONMAN (iron therapy for heart failure) and has multiple studies and trials underway. He chairs the Scottish Government Heart Failure Hub which is charged with improving the care of patients with heart failure in Scotland. He was Director of the Scottish Advanced Heart Failure Service from 2010-14. He is also a Consultant Cardiologist in Glasgow Royal Infirmary and the Golden Jubilee National Hospital. He is privileged to work with the heart failure team in the Golden Jubilee alongside Roy Gardner, Marion McAdam and Sinead McKee.

### **Dr Niki Walker, Consultant Cardiologist, Scottish Adult Congenital Cardiac Service**

Dr Walker trained in Glasgow and at the Royal Brompton Hospital in London. Her subspecialty interest is in transcatheter intervention in congenital heart disease. Dr Walker gained a BHF fellowship and completed a PhD in cardiovascular electrophysiology with Prof Cobbe and Prof Smith at the University of Glasgow.

### **Mr Jon Clarke, Consultant Orthopaedic Surgeon, Golden Jubilee National Hospital**

Mr Clarke is also the research lead for the Orthopaedic department. His clinical practice includes lower limb arthroplasty, knee arthroscopy and forefoot surgery. Active clinical and lab-based research interests include; Functional outcomes of hip and knee joint replacements including motion analysis; Non-invasive measurement of lower limb kinematics; Biomechanical assessment of the knee meniscus; Acute wound care and orthopaedic dressing design; Cartilage repair techniques including novel 3D printing of osteochondral tissue.

## Speaker Biographies continued...

### **Dr Margaret McEntegart, Consultant Cardiologist, Golden Jubilee National Hospital**

Dr McEntegart is an Honorary Associate Clinical Professor and the research lead for Interventional Cardiology. She graduated University of Glasgow and completed her cardiology training in Glasgow. Other achievements include an Interventional Fellowship at Columbia University NYC. Dr McEntegart graduated the Harvard Global Clinical Scholars Research Training Program 2016.

### **Professor Ian Ford, Professor of Biostatistics at the University of Glasgow.**

Professor Ford was formerly Head of the Department of Statistics, Dean of the Faculty of Information and Mathematical Sciences and Director of the Robertson Centre for Biostatistics and the Glasgow CTU at the University of Glasgow. He has published extensively in the clinical and statistical literature:

<http://www.gla.ac.uk/researchinstitutes/healthwellbeing/staff/ianford/>

He is Fellow of the Royal Society of Edinburgh, the International Statistical Institute, the Royal College of Physicians and Surgeons of Glasgow, the Royal College of Physicians of Edinburgh and the Society for Clinical Trials and is deputy editor of Clinical Trials. His research interests are in the design, conduct, analysis and interpretation of clinical trials and associated methodologies, with a particular interest in the reuse of routinely collected health data.

### **Professor Keith Oldroyd**

Professor Keith G Oldroyd is a Consultant Interventional Cardiologist at the West of Scotland Regional Heart and Lung Centre in the Golden Jubilee National Hospital. He holds a personal chair within the Institute of Cardiovascular and Medical Sciences, University of Glasgow. He qualified in medicine from the University of Aberdeen in 1982. Following clinical training in Glasgow he was awarded a British Heart Foundation (BHF) Clinical Research Fellowship and received his MD degree with Honours for work on the pathophysiological role of endogenous opioids in patients with coronary disease and heart failure. Subsequently he was a Fellow in Interventional Cardiology at the University of Toronto before moving on to lead the Interventional Cardiology Service at Hairmyres Hospital from 1995-2002. In 2002 he moved to the Western Infirmary in Glasgow. In 2007, Professor Oldroyd became the first Clinical Director of Cardiology at the newly created West of Scotland Regional Heart and Lung Centre. From 2011-2014 he was also Director of Research and Development, and currently he leads on Cardiovascular (CV) research for NHS Scotland. His own research interests include the clinical and experimental assessment of novel drug eluting stents and the use of invasive physiological indices of stenosis severity to guide decision making in the cath lab. He has been a principal investigator in several international trials including FAME, FAME 2, PRAMI and LEADERS FREE, all of which have been published in the New England Journal of Medicine. Currently he is the UK principal investigator for several studies including two trials of stem cell therapy in acute myocardial infarction.

### **Professor Colin Berry, Chair in Cardiology and Imaging in the University of Glasgow**

Professor Berry is a Fellow of the Royal College of Physicians and Surgeons of Glasgow, the Royal College of Physicians of Edinburgh, the American College of Cardiology and the European Society of Cardiology. He is Director of Research and Development in the Golden Jubilee National Hospital. He is also a Consultant Cardiologist in the Golden Jubilee National Hospital and in the Queen Elizabeth University Hospital in Glasgow. His subspecialty interests are Interventional Cardiology and Imaging.



The organisers of this event would like to thank  
each one of our sponsors



**Venn Life Sciences**  
Think Research



**ZIMMER BIOMET**  
Your progress. Our promise.™

The organisers of this event would like to thank  
the event exhibitors

**AstraZeneca** 

*Johnson & Johnson* **MEDICAL  
DEVICES  
COMPANIES**

 **DePuy Synthes**  
PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

 **Biosense Webster**®  
PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

 **ST. JUDE MEDICAL™**

**stryker**

**Golden Jubilee Research Institute**  
Beardmore Street, Clydebank, G81 4SA  
0141 951 5910

Golden Jubilee National Hospital Charity Number: SC045146