Cardiology in the Young 2008

A comprehensive conference for paediatric cardiologists, surgeons, nurses, intensivists, anaesthesiologists, paediatricians, sonographers, perfusionists and all those involved in the care of neonates, children and young adults with cardiovascular disease.

Wednesday 9 – Friday 11 April 2008

Great Ormond Street Hospital for Children NHS Trust and UCL Institute of Child Health
Hands-on Breakfast Sessions
This year we have also introduced the exciting and practical Hands-on Breakfast Sessions – these workshops will run concurrently before the conference on the Wednesday and Thursday. The topics likely to include, but yet to be confirmed, are:
• Manipulating 3-D echo datasets
• ECMO simulator
• How to run and interpret TEG and NiRs
• Temporary and biventricular pacing
• Berlin Heart Ventricular Assist Device
All registrants will need to book these separately and will be notified by e-mail once the workshop titles have been finalised.
Fee: £15 per workshop and breakfast will be provided
Please note that we have dropped the overall cost of the conference this year to accommodate the cost of these extra sessions.

Nursing Day
The Nursing Day will be run parallel to the main Cardiology in the Young conference on Thursday 10th April 2008. Nurses, who have registered for the Nursing Day, will be free to move between the two events on that day. However, places are limited on the Nursing Day and will be reserved for the first 65 applicants.

Standard Fees
Early Bird (until 3rd March 2008) £350
Standard (after 3rd March 2008) £450
Doctors in Training £250
Technicians £200

Nurses Fees:
Early Bird (until 3rd March 2008) Nursing Day Only (Thursday 10th April) £80
Standard (after 3rd March 2008) Nursing Day Only (Thursday 10th April) £100
Early Bird (until 3rd March 2008) Nursing Day and Main Meeting £170
Standard (after 3rd March 2008) Nursing Day and Main Meeting £200

Places are limited on the Nursing Day and will be reserved for the first 65 applicants. If booking for the main conference please indicate when booking if you wish to attend the Nursing Day. Nurses booking onto the main conference will not automatically be booked onto the Nursing Day unless requested.
Day 1: Morning

08.00 Pre-Conference Hands-on Breakfast Sessions

The topics likely to be included, but not yet confirmed, are:
- Manipulating 3-D echo datasets
- ECMO simulator
- How to run and interpret TEG & NIRs
- Temporary and biventricular pacing
- Berlin Heart Ventricular Assist Device

09.00 Official Opening

Dr Allan Goldman and Professor John Deanfield

Theme I: Foetal Cardiology

Chairperson: Professor Robert Anderson / Dr Ian Sullivan

09.05 Court Room 1: Foetal Cardiology – Should there be a moratorium on Foetal Intervention?
Prosecutor: Dr Gurland Sharland – Yes, Foetal intervention is not worth the risk to the mother and foetus
Defence: Dr Helena Gardiner – No, Foetal intervention is alive and well
Judge: Dr Daniel Sidi – To agree a consensus for the role of foetal intervention in 2008
Jury: The Audience

10.00 REFRESHMENTS

Theme II: Hypoplastic Left Heart Syndrome

– Meet the Experts; What “We” Do, When, Why and How…

Chairperson: Professor Aldo Castañeda / Dr Rob Yates

10.30 What is the genetic basis for hypoplastic left heart syndrome?

Professor David Wilson

10.50 Where did the development of the LV go wrong?

Dr Andrew Cook

11.10 Fetal and pre-op imaging

Dr Rob Yates

Three Way Discussion: The Optimal Approach to Stage 1 Pallation, “Why I prefer…”

Chairperson: Professor Aldo Castañeda / Dr Rob Yates

11.30 The Sano Operation

Mr Bill Brawn

11.50 The “Classic” Norwood

Mr Victor Tsang

12.10 The Hybrid Procedure

Dr Shakeel Qureshi / Mr Anderson (TBC)

12.30 LUNCH

Day 1: Afternoon

13.30 Early post-op management in the ICU: Data or Dogma?

Dr Gil Wernovsky, Children’s Hospital of Philadelphia

13.50 Interstage imaging; is a catheter necessary before the BDG or TCPC?

Dr Marina Hughes

14.10 Avoiding inter-stage deaths

Dr Nancy Ghanayem, Children’s Hospital of Milwaukee

14.30 Case Presentation: 6 months on the ICU and 80 pages of parental questions.

Where did we go wrong and how can we avoid this?

Dr Jane Carthey

14.50 REFRESHMENTS

Theme III: The “Fat” Child: Global Epidemic

Chairperson: Professor John Deanfield

15.20 The Cardio-metabolic impact of obesity in the young

Professor John Deanfield

15.40 The effects of early nutrition and growth on future cardiovascular risk

Dr Atal Singhal

16.00 Is there a “Fat” gene or is it just a fat excuse?

Dr Tim Frayling

16.20 What can we do about it?

The new bariatric programme at UCL, surgery, population, diet

Dr Russel Viner

17.00 Plenary Talk 1: The Bonham Carter Lecture

The role of the Cardiac Tsar in organising congenital heart services on a national basis

Dr Roger Boyle

17.45 CLOSE
## Day 2: Morning

08.00  **Pre-Conference Hands-on Breakfast Sessions**  
The topics likely to be included, but not yet confirmed, are:  
- Manipulating 3-D echo datasets  
- ECMO simulator  
- How to run and interpret TEG & NIRs  
- Temporary and biventricular pacing  
- Berlin Heart Ventricular Assist Device

### Theme IV: Structural Congenital Heart Disease: Image is Everything

*Chairperson: Dr Ian Sullivan*

**3-D Echo, CT and MRI: Which to use when?**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>09.00</td>
<td>3-D Echo</td>
<td>Dr Jan Marek</td>
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<tr>
<td>09.20</td>
<td>Cardiac CT</td>
<td>Dr Cathy Owens</td>
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<td>09.40</td>
<td>MRI and The Hybrid Suite: MRI plus Cath Lab</td>
<td>Dr Andrew Taylor</td>
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<td>10.00</td>
<td>REFRESHMENTS</td>
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<td>10.30</td>
<td>The Patient Journey of the Future?</td>
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*Chairperson: Professor Philip Bonhoeffer / Dr Giardini*

- **Introduction**  
  Professor Philipp Bonhoeffer  
- **Fast-tracking – how far can we go?**  
  Vanessa Ramirez  
- **Advanced nursing practice - How far can we take this – do we still need junior doctors?**  
  Lisa Kohr, Children’s Hospital of Philadelphia

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<tr>
<th>Time</th>
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<tr>
<td>11.30</td>
<td>Case Presentation: Tetralogy of Fallot: Teenager with dilated RV &amp; PR</td>
<td>Dr Sachin Khambadkone</td>
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<td><strong>Surgical vs Interventionist Perspective:</strong> What are the criteria by which the new Percutaneous Pulmonary Valve / Infundibular Reducer should be judged successful</td>
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<td>11.40</td>
<td>The Interventionists View</td>
<td>Professor Philipp Bonhoeffer</td>
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<td>12.00</td>
<td>Hold on Cowboy, this is the Surgical View</td>
<td>Mr Bill Brawn</td>
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<td>12.20</td>
<td>The Chairman and Audience view</td>
<td>Professor Robert Anderson – Reaching consensus</td>
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<td>12.30</td>
<td>LUNCH</td>
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## Day 2: Afternoon

### Theme V: Outcomes and “Informed” consent

*Chairperson: Dr Kate Bull*

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<tr>
<td>13.30</td>
<td>Which outcomes matter?</td>
<td>Dr Kate Bull</td>
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<tr>
<td>13.50</td>
<td>How can we demonstrate advances and introduce new techniques in surgery without any evidence?</td>
<td>Professor Marc de Leval</td>
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<td>14.10</td>
<td>Uncertainty and what it means about our understanding of risk.</td>
<td>Professor David Spiegelhalter</td>
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<td>14.30</td>
<td>Uncertainty and how we talk about it to families.</td>
<td>Dr Tim Rakow</td>
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<td>14.50</td>
<td>REFRESHMENTS</td>
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### GUCH

*Chairperson: Dr Sarah Thorne*

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<tr>
<th>Time</th>
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<tr>
<td>15.20</td>
<td>How do we manage transition from childhood to adults?</td>
<td>Dr Fiona Walker</td>
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<td>15.40</td>
<td>The results of The Denmark Psycho-social Study of all adult patients with congenital heart disease</td>
<td>Dr Vibeke Hjortdal</td>
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### My Favourite and Least Favourite Operations

*Chairperson: Dr Ian James*

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<tr>
<td>16.00</td>
<td>My Favourite Operation</td>
<td>Dr Martin Kostolny and Dr David Barron</td>
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<tr>
<td>16.00</td>
<td>My Least Favourite Operation</td>
<td>Dr Jane Somerville and Dr Sarah Thorne</td>
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<td>17.00</td>
<td>The David Waterston Debate - Chairperson: Dr Daniel Sidi</td>
<td>Humanitarian Cardiac Missions. Medical Tourism or lasting value?</td>
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*Chairperson: Dr Sarah Thorne*

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<tr>
<td>17.30</td>
<td>The Case for Medical Missions</td>
<td>Professor Magdi Yacoub (TBC)</td>
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<td>17.30</td>
<td>The Case for Supporting a Single Center</td>
<td>Professor Aldo Casteñeda</td>
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**DRINKS RECEPTION – Venue to be confirmed**
Day 2: Parallel Nursing Day
Morning Session

Anatomy and Physiology

09.00 Overview of Congenital Heart defects: Live anatomy demonstration
Dr Andrew Cook

09.30 Physiology of Congenital Heart Defects
Dr Yates (TBC)

10.00 REFRESHMENTS

10.30 Join The Main Meeting: The Patient Journey of the Future?
Chairperson: Professor Philipp Bonhoeffer
- Introduction
  Professor Philipp Bonhoeffer
- Fast-tracking – how far can we go?
  Vanessa Ramirez
- Advanced nursing practice – do we still need junior doctors
  Lisa Kohr, Children’s Hospital of Philadelphia

Advancing Nursing Practice

11.30 How much ICU can you put in an HDU?
Sue Chapman

11.50 Setting up an ANP programme in the ICU
Lisa Kohr, Children’s Hospital of Philadelphia

12.15 LUNCH

Day 2: Parallel Nursing Day
Afternoon Session

Management of the Neonate and Long-term Outcome

13.30 Management of the Neonate in low cardiac output state
Dr Geoff Bird, Children’s Hospital of Philadelphia

13.50 Long term outcome of patients following the Norwood Procedure
Dr Gil Wernovsky, Children’s Hospital of Philadelphia

14.10 ECMO results update
- How much training do you need to run an ECMO circuit?
  Liz Smith

14.30 Heart Transplantation results update
- Can Nursing interventions improve patient outcomes after heart transplantation?
  Helen Dawkins

15.00 REFRESHMENTS

15.30 Child to grown-up – easing the transition to adult cardiac services
Linda Shaughnessy

16.00 The Role of Advancing Nurse Practice in the Developing World
Stacey Marr

17.00 Join the main meeting: The David Waterston Debate
Chairperson: Dr Daniel Sidi

- The Case for Medical Missions
  Professor Magdi Yacoub (TBC)

- The Case for Supporting a Single Center
  Professor Aldo Casteñeda

17.30 CLOSE

DRINKS RECEPTION – Venue to be confirmed
Day 3: Morning

08.15 Pre-Conference Breakfast Session
Cardio-pulmonary interactions
Dr Nancy Ghanayem, Children’s Hospital of Milwaukee, Dr Gil Wernovsky, Children’s Hospital of Philadelphia, Dr Lara Shekerdemian, Melbourne Children’s Hospital

Theme VI: Sudden Death
Chairperson: Dr Martin Lowe
09.00 Family screening for sudden arrhythmic death
Dr Lambiase
09.20 Electrical substrate for sudden death, who should get an ICD?
Dr Peter Brady

09.40 Courtroom 2: All children doing competitive sport should have cardiac screening?
The case for
Dr Sanjay Sharma
The case against
Dr Perry Elliot
The Judge
Dr Martin Lowe

10.30 REFRESHMENTS
Chairperson: Dr Phil Rees
11.00 “Electrics” Cases: Expert Panel
Difficult cases – what should “I” do next:
Intractable SVT in the neonate
Dr Chris Wren / Dr Dominic Abrams (TBC)
Heart Failure, who needs a biventricular pacemaker?
Dr Dominic Abrams

Theme VII: Cerebral monitoring and protection
Chairperson: Professor Martin Elliott
11.30 Results of the Australian Hearts and Minds study: Early brain injury after CHS
Dr Lara Shekerdemian, Melbourne Children’s Hospital
11.50 Court Room 3: Near Infra-red Spectroscopy (NIRS) should be mandatory in theatre and ICU for neonates having surgery on bypass?
The case for
Prosecutor: Dr Nancy Ghanayem, Children’s Hospital of Milwaukee
The case against
Defence: Dr Geoff Bird, Children’s Hospital of Philadelphia
Reaching a consensus or do we just need a RCT?
Judge: Professor Martin Elliott

12.30 LUNCH

Day 3: Afternoon

13.30 Court Room 4: Deep hypothermic circulatory arrest should be avoided whenever possible
The case for
Prosecutor: Professor Martin Elliott
The case against
Defence: Dr Gil Wernovsky, Children’s Hospital of Philadelphia
Reaching a consensus
Judge: Professor Aldo Casteñeda

14.15 Rapid-Fire Topics (8 minute talks)
Chairperson: Dr Graham Derrick
• Aprotinin: Can we still use it?
  Dr Angus McEwan
• Latest results of heart transplantation
  Dr Matt Fenton
• Update on new paediatric VADS including NIH trials
  Dr Carin van Doorn
• Update on Primary Pulmonary Hypertension
  Dr Ingram Schulzemnicker

15.00 REFRESHMENTS

Theme VII: New Approaches to Heart Failure in the Young
Chairperson: Dr Bill McKenna
15.30 New agents and re-synchronisation therapy
Dr Perry Elliot
15.50 Myocarditis: What’s new in diagnosis and treatment?
Dr John O’Sullivan
16.10 Stem cell therapy
Dr Tony Mather

16.30 Cost per quality of life in treating children with End Stage Cardiac Failure
Dr Kate Brown
16.45 Cardiology in the Young Lecture
How to best help patients’ families and professionals understand and manage the “true cost” of having a child with CHD
Parent (TBC)

17.00 CLOSE
REGISTRATION FORM: Cardiology in the Young 2008 (2T_28)

Please complete details clearly in block capitals as this information is used to prepare event materials.

**Personal**

Prof ☐ Or ☐ Mr ☐ Ms ☐ Mrs ☐ Miss ☐ Other __________________________ Gender: Male ☐ Female ☐

First Name: ___________________________ Surname: ___________________________

Job Title: (e.g. SpR/SHO/Consultant/Nurse/Physiotherapist) __________________________

Company/Hospital: ___________________________ Town: ___________________________

Full Postal Address: (Please specify whether home ☐ or work ☐) ___________________________

Postcode: ___________________________ Email: ___________________________

Daytime Tel: ___________________________ Fax No: ___________________________

**General**

Special dietary/other requirements: ☐ None ☐ Yes

If YES, please tick relevant: ☐ Vegetarian ☐ Vegan ☐ Allergies (please state) ___________________________

For safety reasons, please tick if you: ☐ Use a wheelchair &/or ☐ would require assistance if the building needed to be evacuated

**Payment**

In order to be registered for the event, full payment of the course/conference fees must be made with your application, unless an organisation is paying on your behalf. **Bookings for which payment has not been received prior to the event may be cancelled.**

**Payment by Credit Card or Cheque** (please indicate method of payment)

Please note that we do not have a secure e-mail link at present and therefore you may prefer to send your applications by post or fax.

I enclose the sum of:

<table>
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<tr>
<th>Standard Fees</th>
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<td>Doctors in Training ☐ £250</td>
<td>Nursing Day Only ☐ £100</td>
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<td>Technicians ☐ £200</td>
<td>Main Meeting only ☐ £200</td>
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<td>Nursing Day &amp; Main Meeting ☐ £200</td>
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*Prices are limited on the Nursing Day and will be reserved for the first 60 applicants. If booking for the main conference, please indicate when booking if you wish to attend the Nursing Day. NURSES BOOKING ONTO THE MAIN CONFERENCE WILL NOT AUTOMATICALLY BE BOOKED ONTO THE NURSING DAY UNLESS REQUESTED.

☐ by cheque made payable to ‘UCL’ or ‘University College London’

☐ by **credit / debit card** (Visa / Mastercard / Maestro only). We regret that we cannot accept payment by American Express.

Credit/Debit Card No: [_________] [_________] [_________] [_________] [_________] [_________] [_________] [_________] [_________] [_________] [_________]

Expires: [_________] [_________] Valid From: [_________] [_________] Issue No: [_________] [_________]

Cardholder’s Signature: ______________________________________

Address of cardholder (if different from above): ______________________________________

Postcode: ___________________________

**Payment By Invoice**

We regret that we are unable to invoice private individuals and non-UK based organisations. Invoices will not be issued 3 weeks preceding the event start date.

**APPROVAL:** It is your own responsibility to ensure that your application is approved by your employer and forwarded to this office. We cannot, offer you a place on an event without the relevant documentation; we require either a purchase order from your trust, or a letter of authorisation from your trust agreeing to finance your course fees. If any information is missing or a purchase order or letter of authorisation is not attached, your application will not be processed.

Purchase Order Ref: ______________________________________ Invoice Contact Name: ___________________________

Department: ______________________________________

Name of Organisation: ___________________________

Direct Tel no: ___________________________ Fax No: ___________________________

Email: ___________________________

Postal Address: ___________________________ Postcode: ___________________________

**Applicant’s Declaration**

Data Protection Act 1998: I agree to ICH processing personal data contained on this form, or other data which may be obtained from me or other people or organisations whilst I am applying for this event. I agree to the processing of such data for any purpose connected with my attendance at ICH events, or my health and safety whilst on ICH’s premises or for any other legitimate purpose. I agree to the terms and conditions above and confirm that payment for this event is enclosed/will be made in full before I attend. Please note your information will not be supplied to any third party. Please tick if you do not agree to your email address being used to advise you of forthcoming ICH/ GOS events which may be of interest ☐

Signature: ______________________________________ Date: ___________________________

**Please return the completed form to:**

Courses & Conferences Office, Institute of Child Health, 30 Guilford Street, London, WC1N 1EH

Email: courses@ich.ucl.ac.uk Website: www.ich.ucl.ac.uk/shortcourses

Tel: 020 7829 8692 / 020 7905 2135 / 020 7813 8394 Fax: 020 7831 6902

Cancellations must be received in writing on or before the start of the event and will be subject to an administration charge of 20% of the course. It is regretted that no refunds will be made or invoices cancelled within 2 weeks of the course date. Substitutions can be made at anytime.
Course Director: Dr Allan Goldman
Co-Director: Professor John Deanfield
Organising Committee: Professor Elliott, Professor Philip Bonhoeffer, Professor Robert H. Anderson, Dr Andrew Taylor, Suzanne Cullen, Vanessa Ramirez, Rachelle Griffin, Anne Layther, and Pauline Whitmore

Faculty for CITY 2008:

International
Professor Aldo Castaneda, Professor Magdi Yacoub (David Waterston Lecture)
Dr Nancy Ghanayem (Children's Hospital of Milwaukee)
Dr Gil Wernovsky (Children's Hospital of Philadelphia)
Dr Geoff Bird (Children's Hospital of Philadelphia)
Ms Lisa Khor (Children's Hospital of Philadelphia)
Dr Peter Brady (Mayo Clinic, US)
Dr Lara Shekerdemian (Melbourne Childrens Hospital)
Dr Daniel Sidi (Hospital Necker-Enfans Malades Paris)
Dr Vibeka Hjortdal (Denmark)

United Kingdom
Dr Roger Boyle (Bonham Carter Lecture)
Mr Bill Brawn (Birmingham Children's Hospital)
Mr David Barron (Birmingham Children's Hospital)
Dr Sarah Thorne (Birmingham Children's Hospital)
Mr Anderson (Evelina Children's Hospital)
Dr Shakeel Qureshi (Evelina Children's Hospital)
Dr Ghurland Sharland (Evelina Children's Hospital)
Ms Stacey Marr (Evelina Children's Hospital)
Professor David Spiegelhalter (Cambridge University)
Dr Helena Gardiner (Royal Brompton Hospital)
Ms Linda Shaughnessy (Royal Brompton Hospital)
Professor David Wilson (Southampton University)
Dr Chris Wren (Freeman Hospital, Newcastle)
Dr John O'Sullivan (Freeman Hospital, Newcastle)
Professor Tim Frayling (PMS, Exeter)
Dr Jane Carthey (Independent, NPSA)
Dr Tim Rakow (University of Essex)
Professor Jane Somerville (Kings College Hospital)
Dr Sanjay Sharma (Kings College Hospital)
Dr Tony Mather (Barts and The London)

GOSH / UCLH / The Heart Hospital
Professor Marc DeLeval
Dr Martin Lowe
Professor Bill McKenna
Dr Perry Elliot
Mr Victor Tsang
Dr Jan Marek
Dr Marina Hughes
Mr Martin Kostolny
Mc Carin van Doorn
Dr Robert Yates
Dr Ian Sullivan
Dr Dominic Abrams
Dr Fiona Walker
Dr Katherine Brown
Dr Angus McEwan
Dr Ian James
Dr Ingram Schulze-Neick

Dr Matthew Fenton
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Dr Cathy Owens
Dr Sachin Khambadkone
Dr Kate Bull
Ann Karimova
Dr Giardini
Ms Sue Chapman
Ms Elizabeth Smith
Ms Helen Dawkins
Dr Philip Rees
Dr Graham Derrick
Dr Russell Viner
Dr Lambiase
Dr Shay Cullen
Dr Atal Singhal