



British Congenital Cardiac Association
Annual Conference

Monday 1st – Tuesday 2nd November 2021 | VIRTUAL

BCCA 2021 VIRTUAL



Birmingham Women's and Children's
NHS Foundation Trust



University Hospitals Birmingham
NHS Foundation Trust

www.bcca2021.co.uk

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The companies below have sponsored the event and may have a virtual stand present. However, they have had no input into or influence over the programme content except where indicated

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Organisation



Session 1 – Systemic RV

Chairs: Dr Ashish Chikermane and Dr Caroline Jones

09:00 – 09:20	Assessment of systemic RV function – multimodality imaging-echo/MRI	Dr Kuberan Pushparajah
09:20 – 09:40	Challenges of Fetal counselling in circulation with systemic RV	Dr Anna Seale
09:40 – 10:00	Analysis of late outcomes after senning in TGA and physiological repair in CCTGA	Dr Siva Kumar
10:00 – 10:20	Long term outcome/failing of systemic RV in single ventricle	Dr David Crossland
10:20 - 10:40	Panel Q&A	

10:40 -11:00 Break

Session 2 – CCTGA

Chairs: Dr Oliver Stumper and Prof David Barron

11:00 – 11:20	Morphology and variation of CCTGA	Dr Adrian Crucean
11:20 – 11:40	Enhanced left-ventricular training for double switch-operation in patients with CCTGA	Dr Peter Zartner
11:40 – 12:00	Decision making in CCTGA - Parisian approach	Dr Oliver Raisky
12:00 – 12:20	Birmingham experience of CCTGA	Miss Natasha Khan
12:20 – 12:40	Double switch with hemi-mustard and bi-directional Glenn for anatomical repair of corrected transposition	Dr Richard Mainwaring
12:40 - 13:05	Panel Q&A	

13:05 - 14:05 Lunch and Symposium

Session 3 – Abstract Presentations

Chairs: Dr Tarak Desai and Prof John Simpson

14:05 - 15:05	Cases Studies	TBC
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Session 4 – State of the art lecture

Chairs: Dr Chetan Mehta and Simon McGuirk

15:05 - 15:35	Lymphatic Imaging and Interventions in Congenital Heart Disease	Dr Yoav Dori
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13:35 - 16:00 Break

Session 5 – ACHD

Chairs: Dr Lucy Hudsmith and Dr Niki Walker

16:00 – 16:20	Pregnancy in highly complex CHD	Dr Sara Thorne
16:20 – 16:40	Arrhythmia management in Fontan	Dr Jeremy Moore
16:40 – 17:00	Interventions for complex ACHD in 2020s	Dr Damien Kenny
17:00 – 17:20	Outcome of CCTGA/MAPCA's beyond childhood	Dr Paul Cliff
17:20 - 17:40	Panel Q&A	
18:00 - 18:45	AGM - BCCA council and members	



Session 1 – Research in CHD

Chairs: Mr William Brawn and Dr Kerry Gaskin

09:00 – 09:20	The BHF viewpoint	Dr Sonya Babu-Narayan
09:20 – 09:40	NCHDA and the value of databases for research	Dr Abbas Khushnood
09:40 – 10:00	Multi-centre clinical trials – what can we learn from the Pediatric Heart Network?	Mr Nigel Drury
10:00 – 10:20	Family and patients perspective of research on CHD	Ms Sandra Ramsey
10:20 - 10:40	Panel Q&A	
10:40 - 11:00	Break	

Session 2 – Complex Pulmonary Atresia

Chairs: Phil Botha and Professor Massimo Caputo

11:00 – 11:20	The Anatomy of Systemic-to-Pulmonary Collateral Arteries	Prof Robert Anderson
11:20 – 11:40	Assessment of neonate with PA/VSD/MAPCAs	Dr Oliver Stumper
11:40 – 12:00	Cross sectional imaging in MAPCAs	Dr Tarique Hussain
12:00 – 12:20	Surgical repair of PA/VSD/MAPCAs	Dr Richard Mainwaring
12:20 - 12:40	Panel Q&A	
12:40 - 13:40	Lunch and Symposium	

Session 3 – Difficult case discussion with audience participation

Chairs: Mr Tim Jones and Sachin Khambadkone

13:40 - 14:40	Cases	TBC
14:40 - 15:00	Break	

Session 4 – Genetics and Inherited Cardiac Disease

Chairs: Dr Vinay Bhole and Dr Harshil Dhutia

15:00 – 15:20	Genetics in sudden death	Prof Elija Behr
15:20 – 15:40	Insights from the UK Paediatric Hypertrophic Cardiomyopathy Consortium	Dr Juan Pablo Kaski
15:40 – 16:20	Subcutaneous ICD's in children – current status and future prospects	Dr Karen McLeod
16:20 – 16:40	Sports recommendations in inherited cardiac conditions	Dr Guido Pielas
16:40 – 17:00	Panel Q&A	



Prof Robert Anderson,
Honorary Consultant,
Birmingham Children's Hospital, UK

Dr Sonya Babu-Narayan,
Consultant Cardiologist,
Royal Brompton Hospital, UK

Prof David Barron,
Division Chief, Cardiac Surgery, Hospital for
Sick Children, Canada

Prof Eliza Behr,
Cardiovascular Medicine and Honorary
Consultant Cardiologist,
St George's Hospital, London UK

Dr Vinay Bhole,
Consultant Paediatric Cardiologist,
Birmingham Women's and Children's
Hospital, UK

Mr Phil Botha,
Consultant Congenital Cardiac Surgeon,
Birmingham Children's Hospital, UK

Mr William Brawn,
Consultant Cardiac Surgeon, Birmingham
Children's Hospital, UK

Professor Massimo Caputo,
Professor of Congenital Cardiac Surgery,
University of Bristol, UK

Dr Ashish Chikermane,
Consultant Paediatric Cardiologist,
Birmingham Children's Hospital, UK

Dr Paul Cliff,
Consultant Cardiologist,
University Hospital Birmingham, UK

Dr David Crossland,
Consultant Paediatric and Adult
Congenital Cardiologist,
Freeman Hospital, UK

Dr Adrian Crucean,
Specialty Doctor in Congenital Heart
Surgery,
Birmingham Women's and Children's
Hospital, UK

Dr Tarak Desai,
Paediatric Cardiologist, Birmingham
Children's Hospital, UK

Dr Harshil Dhutia,
Consultant Cardiologist, Glenfield Hospital,
UK

Dr Yoav Dori,
Paediatric Cardiologist,
Children's Hospital of Philadelphia, USA

Mr Nigel Drury,
Hunterian Professor and Consultant in
Paediatric Cardiac Surgery,
Birmingham Children's Hospital and
University of Birmingham, UK

Dr Kerry Gaskin,
Principle Lecturer in Advanced Clinical
Practice and Head of Department
Midwifery and CPD, Three Counties Scholl
of Nursing and Midwifery and University of
Worcester, UK

Dr Lucy Hudsmith,
Consultant Cardiologist, University Hospitals
Birmingham, UK

Dr Tarique Hussain,
Paediatric Cardiologist,
UT Southwestern Medical Centre, USA

Dr Caroline Jones,
Consultant Fetal and Paediatric
Cardiologist, Alder Hey Children's Hospital,
UK

Mr Tim Jones,
Consultant Cardiac Surgeon, Birmingham
Women's and Children's Hospital, UK

Dr Juan Pablo Kaski,
Associate Professor of Paediatric Inherited
Cardiology,
Great Ormond Street Hospital and
University College London, UK

Dr Damien Kenny,
Consultant Congenital Cardiologist, Our
Lady's Children's Hospital and Mater
Hospital, Ireland

Dr Sachin Khambadkone,
Consultant in Paediatric Cardiology,
Great Ormond Street Hospital for Children,
UK

Miss Natasha Khan,
Consultant Cardiac Surgeon, Clinical lead
for Cardiac Surgery, Birmingham Women's
and Children's Hospital, UK

Dr Abbas Khushnood,
Consultant Paediatric Cardiologist &
Transplant Physician NCHDA Clinical Lead,
NICOR,
Freeman Hospital, UK

Dr Siva Kumar,
Head of the Department of Paediatric
Cardiology and Senior Consultant,
The Madras Medical Mission Hospital, India

Dr Richard Mainwaring,
Congenital Heart Surgeon,
Stanford University, USA

Dr Simon McGuirk,
Consultant, Birmingham Children's Hospital,
UK

Dr Karen McLeod,
Consultant paediatric cardiologist, Royal
Hospital for Sick Children, UK

Dr Chetan Mehta,
Consultant Cardiologist,
Birmingham Women's and Children's
Hospital, UK

Dr Jeremy Moore,
Paediatric and Adult Congenital
Cardiologist, UCLA Medical Center, USA

Dr Guido Pielas,
Consultant Paediatric and Adult
Congenital Cardiologist, Bristol Heart
Institute, UK

Dr Kuberan Pushparajah,
Consultant Paediatric Cardiologist,
Evelina London Children's Hospital, UK

Dr Oliver Raisky,
Head of Pediatric Cardiac Surgery,
Necker Sick Children Hospital, France

Ms Sandra Ramsey,
Parent

Dr Anna Seale,
Consultant Paediatric Cardiologist,
Birmingham Women's and Children's
Hospital, UK

Professor John Simpson,
Professor of Paediatric and Fetal
Cardiology, Evelina London Children's
Hospital, UK

Dr Oliver Stumper,
Consultant Paediatric Cardiologist,
Birmingham Women's and Children's
Hospital, UK

Dr Sara Thorne,
Adult Cardiologist,
UHN, Canada

Dr Niki walker,
Consultant Cardiologist, Golden Jubilee
National Hospital, UK

Dr Peter Zartner,
Head of Cathlab,
Paediatric Hospital of the University of Bonn,
Germany

2nd November 2021

08:00 Virtual Platform Open

Session 1 – Neonatal Cardiology / Difficult Issues in NICU

Chairs: Dr Sajeev Job and Dr Poothirikovil Venugopalan

08:50 - 09:00	Introduction	Dr Vikranth Venugopalan
09:00 - 09:30	Neonatal Cardiac Emergencies	Dr Cho Ng
09:30 - 10:00	Advances in management of PPHN	Prof Satyan Lakshminrusimha
10:00 - 10:30	POCUS: When, how and why?	Prof Yogen Singh

10:30 – 11:00 Break

Session 2 – Back to Basics...

Chairs: Dr Raghu Krishnamurthy and Dr Paul Miller

11:00 - 11:30	Cardiac Morphology for PEC	Dr Adrian Crucean
11:30 - 12:00	ECG / Holter in a patient with SVT	Dr Sarah Boynton
12:00 - 12:30	Screening of ICC	Dr Shankar Sadagopan

12:30 - 13:30 Lunch

Session 3 – Achievements, Hurdles and Challenges for future

Chairs: Dr Kalyan Gurusamy and Dr Sandeep Kapoor

13:30 - 14:00	Advanced imaging in congenital heart disease	Dr Greg Skinner
14:00 - 14:30	Cardiac surgery in neonates	Mr Ram Dhannapuneni
14:30 - 15:00	Management of End-Stage Cardiac Failure in Children	Dr Zdenka Rheinhardt

15:00 - 15:30 Break

Session 4 – Abstracts / Presentations

Chairs: Dr Bikash Bhojnagarwala, Prof Yogen Singh and Dr Vikranth Venugopalan

15:30 - 16:00	3 x 10 min presentation	TBC
16:00 - 16:30	The knowns and the unknowns ~ Covid-19 in children and heart	Dr Ashish Chikermame
16:30 - 17:00	Device closure of PDA in PT / LBW neonates	Prof Alain Fraise
17:00	Dr Vishna Rasiah Memorial award for the best oral presentation and close.	

PECSIG Faculty

Dr Bikash Bhojnagarwala,
Consultant Neonatologist, Chelsea and
Westminster Hospital, UK

Dr Sarah Boynton,
Consultant Paediatric Cardiologist, Leeds
Teaching Hospital, UK

Dr Ashish Chikermane,
Consultant Paediatric Cardiologist,
Birmingham Children's Hospital, UK

Dr Adrian Crucean,
Specialty Doctor in Congenital Heart
Surgery, Birmingham Women's and
Children's Hospital, UK

Mr Ram Dhannapuneni,
Consultant Paediatric Cardiac Surgeon,
Alder Hey Children's Hospital, UK

Prof Alain Fraisse,
Consultant Paediatric and Interventional
Cardiologist, Royal Brompton Hospital
London, UK

Dr Kalyan Gurusamy,
Neonatal Consultant, New Cross Hospital,
UK

Dr Sajeev Job,
Consultant Neonatologist, Addenbrookes
Hospital, UK

Dr Sandeep Kapoor,
Consultant Paediatrician, Scunthorpe
General Hospital, UK

Dr Raghu Krishnamurthy,
Consultant Paediatrician, Walsall Hospitals
NHS Trust, UK

Prof Satyan Lakshminrusimha,
Professor and Chair, Department of
Paediatrics, Paediatrician-in-Chief, UC
Davis Children's Hospital, California

Dr Paul Miller,
Consultant Paediatric Cardiologist,
Birmingham Children's Hospital, UK

Dr Cho Ng,
Consultant Intensivist, Great Ormond Street
Hospital, UK

Dr Zdenka Rheinhardt,
Consultant Paediatric Cardiologist and
Transplant Physician, Freeman Hospital, UK

Dr Shankar Sadagopan,
Consultant Paediatric Cardiologist,
Southampton General Hospital, UK

Prof Yogen Singh,
Consultant Neonatologist with expertise
in Paediatric Cardiology, University of
Cambridge, UK

Dr Greg Skinner,
Consultant Paediatric Cardiologist, East
Midlands Congenital Heart Centre, UK

Dr Poothirikovil Venugopalan,
Deputy Course Leader, Paediatrics and
Child Health, and Cardiology, Brighton and
Sussex Medical School, UK

Dr Vikranth Venugopalan,
Consultant Neonatologist with expertise in
Paediatric Cardiology, Sandwell and West
Birmingham Hospitals NHS Trust, UK



1st November 2021 | 13:30 – 17:30

Session 1 - The needs of patient with complex ACHD

Chair: James Anthony

13:30 – 14:10	Psychological needs of the patient with complex ACHD	Dr Edward Callus
14:10 – 14:40	Meeting the needs of patients with complex conditions during Transition	Nicky Pope
14:40 – 15:00	My complex heart and me, the patient's perspective	George Pennance and Sam Pennance
15:00 – 15:30	Break	

Session 2 - ACHD Nursing after the pandemic

Chair: Maggie Simpson

15:30 – 17:00	ACHD centres to be asked present on challenges after the pandemic along with areas	TBC
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BCCA Nursing Programme

2nd November 2021 | 13:00 – 17:30

08:00	Virtual Platform Opens	
Session 1 <i>Chairs: Anita Patel and Michelle Wakelin</i>		
13:00 – 13:30	Embedding Parent Knowledge & Ergonomic Principles into a Paediatric Early Warning System	Amber Oliver and Dr Mary Salama
13:30 - 13:50	Birth of the Antenatal Service	Kathryn Butler
13:50 – 14:10	Prenatal Diagnosis of DILV: Our Experience at Birmingham Children's Hospital	Miss Aishah Mughal
14:10 – 14:40	Building a High Dependency Unit on the Cardiology Ward	Afeda Ali, Samantha Haslem, Jane Storor and Michelle Wakelin
14:40 - 15:00	Break	
Session 2 <i>Chairs: Jacqueline Nisbett and Kathryn Butler</i>		
15:00 – 15:30	To Milrinone or not to Milrinone	Gill Holliday and Kelly Jones
15:30 – 16:00	Preparing parents for discharge from hospital with their infant after complex cardiac surgery using the Congenital Heart Assessment Tool	Dr. Kerry Gaskin
16:00 – 16:30	The needs of adolescents on a paediatric ward	Michèle Puckey
16:30 – 17:00	The Importance of Cardiac Transition	Cillian Gray
17:00 – 17:30	Transition to Palliative Care; the Child, the Family and the Team	Pippa Cairns and Margaret Maye

Nurses Faculty

Afeda Ali,

Consultant PICU, Birmingham Women's and Children's Hospital, UK

Dr James Anthony

Clinical Nurse Specialist - Adults with Congenital Heart Disease
University Hospitals Birmingham NHS Foundation Trust

Kathryn Butler,

Cardiac Nurse Specialist, Birmingham Children's Hospital, UK

Pippa Cairns,

Staff Nurse, Birmingham Women's and Children's Hospital, UK

Dr Edward Callus

Cardiologist
European Congenital Heart Disease Organisation

Dr Kerry Gaskin,

Principle Lecturer in Advanced Clinical Practice and Head of Department Midwifery and CPD, Three Counties School of Nursing and Midwifery and University of Worcester, UK

Cillian Gray,

Cardiac Adolescent and Transition Clinic Nurse Specialist, Great Ormond street Hospital, UK

Samantha Haslem,

Deputy Ward Sister, Birmingham Women's and Children's Hospital, UK

Gill Holliday,

Senior Cardiac Nurse Specialist, Birmingham Women's and Children's Hospital, UK

Kelly Jones,

Ward Sister, Birmingham Women's and Children's Hospital, UK

Jacqueline Nisbett,

Cardiac Nurse Specialist, Birmingham Women's and Children's Hospital, UK

Margaret Maye,

Palliative Clinical Nurse Specialist, Birmingham Women's and Children's Hospital, UK

Aishah Mughal,

Medical Student, University of Birmingham, UK

Amber Oliver,

Placement, Preceptorship and Clinical Skills Facilitator, Birmingham Women's and Children's Hospital, UK

Anita Patel,

Ward Sister, Birmingham Women's and Children's Hospital, UK

George Pennance

Patient

Sam Pennance

Parent

Dr Nicky Pope

ACHD Lead Nurse Specialist
University Hospitals Birmingham

Michèle Puckey,

Consultant Paediatric Clinical Psychologist and Deputy Lead Clinician for Safeguarding in Paediatrics, Royal Brompton & Harefield NHS Foundation Trust

Dr Mary Salama,

Consultant Paediatrician, Birmingham Women's and Children's Hospital

Jane Storer,

Staff Nurse, Birmingham Women's and Children's Hospital, UK

Michelle Wakelin,

Surgery B Flow / Education Sister, Birmingham Women's and Children's Hospital

