**National Cardiac Surgery Clinical Trials Webinars**

In 2019, James Lind Alliance Priority Setting Partnership in Adult Cardiac Surgery identified the Top 10 research priorities for patients, carers and clinicians (<http://www.jla.nihr.ac.uk/priority-setting-partnerships/heart-surgery/>). Our next step is to translate these research priorities into a programme of clinical trials that address the most important research questions.

This process will be taken forward, by nine new Clinical Study Groups (CSG)led by interdisciplinary teams composed of members of the public, health services researchers and clinicians:

**CSG1: Long Term Outcomes and Quality of Life**

Clinician: Mark Petrie

Health Services Researchers: Richard Evans, Linda Sharples & Sara Schroter

Patient and Public Representatives: Sarah Murray, Paul Whitehouse, Deb Smith & Jara Weinkauf

Cardiothoracic Interdisciplinary Research Network: Shagorika Talukder

**CSG2: Prehabilitation**

Clinicians: Sally Singh, Rod Taylor & Maria Pufulete

Health Services Researchers: John Cleland & Alex McConnachie

Patient and Public Representative: Hannah Drummond

Cardiothoracic Interdisciplinary Research Network: Georgia Layton

**CSG3: Heart Valve Interventions**

Clinicians: Gerry McCann, Rana Sayeed & Saul Myerson

Health Services Researchers: Ines Rombach & Tom Treibal

Patient and Public Representatives: Paul Haywood & Will Woan

Cardiothoracic Interdisciplinary Research Network: Nathan Tyson.

**CSG4: Minimally Invasive, Hybrid and Percutaneous Techniques**

Clinicians: Enoch Akowuah & Hunaid Vohra

Health Services Researchers: Rebecca Maier & Carol Gamble

Patient and Public Representatives: Alan Keys & Peter Every

Cardiothoracic Interdisciplinary Research Network: Amer Harky

**CSG5: Organ Protection**

Clinicians: Andrew Klein, Gudrun Kunst &Graham Cooper

Patient and Public Representatives: Carol Pellowe & Irene Leeman

Cardiothoracic Interdisciplinary Research Network: Jason Ali

**CSG6: Atrial Fibrillation**

Clinicians: Barbara Casdei & Gianni Angelini

Health Services Researchers: Barnaby Reeves & Chris Rogers

Patient and Public Representative: Gil Wheeler

Cardiothoracic Interdisciplinary Research Network: George Gradinariu

**CSG7: Infection Prevention**

Clinicians: Melissa Rochon, Luke Rogers & Ricky Vaja

Health Services Researchers: Judith Tanner, Shaun Barber & Cassandra Brookes

Patient and Public Representative: Jeremy Dearling

Cardiothoracic Interdisciplinary Research Networks: Ricky Vaja & Luke Rogers

**CSG8: Data Science**

Clinicians: Chris Gale & Cathie Sudlow

Health Services Researchers: Deborah Stoken & Amanda Farrin

Patient and Public Representative: Eric Deeson

Cardiothoracic Interdisciplinary Research Network: David Bleetman

**CSG9: Management of Frailty, Sarcopenia and Chronic Conditions.**

Clinicians: Iain Squire & Mahmoud Loubani

Health Services Researcher: Laura Gray, Cassandra Brookes

Patient and Public Representative: Jeremy Dearling

Cardiothoracic Interdisciplinary Research Network: Abdhul Badran

The aims of these Clinical study Groups are:

* To develop a core leadership composed equally of members of the public, research methodologists, and clinicians.
* To host a series of webinars with representation from all of the relevant stakeholders who will translate the JLA PSP priorities into research questions.
* To define areas of uncertainty, knowledge gaps, and evidence of equipoise, to provide the rationale for a programme of clinical research that address key priorities.
* To create an environment where researchers can network with patients and research methodologists from individual Clinical Trials Units. This will enable the CSG’s to develop high quality funding applications for clinical trials where these are required.
* To develop a patient and public involvement group for each CSG, in partnership with the BHF Cardiovascular Research Collaborative. This will provide a voice for patient groups and ensure that advocacy carries through to clinical study design and ultimately to dissemination.
* To develop a communications strategy, with members of the public in key advocacy roles, to ensure that these research priorities are reflected in ongoing research commissioning calls.
* To collaborate where possible with similar initiatives in other countries to maximise the impact and generalisability of the research findings.

This initiative will utilise the unique opportunities offered by the new BHF Data Science Centre to develop novel, efficient, pragmatic trial designs, as well as the networking opportunities offered by the BHF Cardiovascular Research Collaborative Microsoft Teams platform.

The ultimate goal of this initiative will be to develop a national consortium of stakeholders who can deliver a portfolio of high-quality clinical trials to inform best practice in adult cardiac surgery.