# Appendix 1 – Participant List

***Planning Committee***

**Dr. Steven C. Brooks (Co-Chair)**

Emergency Physician

Associate Professor, Departments of Emergency Medicine and Public Health Sciences, Queen’s University

**Dr. Sam Shemie (Co-Chair)**

Pediatric Critical Care Physician

Professor of Pediatrics, McGill University, Division of Critical Care, Montreal Children’s Hospital, McGill University Health Centre

Medical Advisor, Deceased Donation, Canadian Blood Services

**Clay Gillrie**

Program Manager, Deceased Donation, Canadian Blood Services

**Laura Hornby**

Lead Project Manager, DePPaRT Study, Pediatric Critical Care, Children’s Hospital of Eastern Ontario Research Institute

Clinical Research Consultant, Deceased Donation, Canadian Blood Services

**Sylvia Torrance**

Associate Director, Centre for Innovation, Canadian Blood Services

***Group 1: OHCA and Prehospital***

**Jason Buick**

Paramedic

Rescu, St. Michael’s Hospital, University of Toronto, Toronto, Ontario

**Dr. Jim Christenson**

Emergency Physician

Head Professor, Department of Emergency Medicine, University of British Columbia

**Dr. Frederick D’Aragon**

Intensive Care Physician

Assistant Professor, Faculty of Medicine, University of Sherbrooke

Clinical Researcher, Centre de Recherche CHUS, Sherbrooke, Quebec

**Dr. William Dick**

Emergency Physician

Vice President, Medical Programs, British Columbia Emergency Health Services

**Dr. Ian Drennan**

Paramedic

Rescu, St. Michael’s Hospital, Toronto, Ontario

**Dr. Noam Katz**

Emergency Medicine Resident

University of Ottawa

Fellow in Resuscitation and Reanimation Medicine, Queen’s University

**Dr. Laurie J. Morrison**

Emergency Physician

Professor, Clinician Scientist, Division of Emergency Medicine, Department of Medicine, University of Toronto and Li Ka Shing Knowledge Institute, St Michael’s Hospital

Director, Rescu, St. Michael’s Hospital

***Group 2: ED Care and ECMO Deployment***

**Dr. Brian Grunau**

Emergency Physician

Scientist, Centre for Health Evaluation and Outcome Sciences, Providence Healthcare Research Institute

Clinical Assistant Professor, Department of Emergency Medicine, Faculty of Medicine, University of British Columbia

**Dr. Steve Lin**

Emergency Physician and Trauma Team Leader

Scientist, Rescu, Li Ka Shing Knowledge Institute, St. Michael’s Hospital

Assistant Professor, Division of Emergency Medicine, Department of Medicine, University of Toronto

**Dr. Dave Nagpal**

Cardiovascular Surgeon

Surgical Director of Heart Transplant and Mechanical Circulatory Support Program, London Health Sciences Centre, Western University, London, Ontario

**Dr. Filio Billia**

Cardiologist

Director of Research, Peter Munk Cardiac Centre Medical Director, Mechanical Circulatory Support Program Co-director, PMCC Cardiovascular Biobank Scientist, Toronto General Research Institute Assistant Professor, University of Toronto

**Dr. William Stansfield**

Cardiovascular Surgeon

University Health Network, Peter Munk Cardiac Centre, Toronto General Hospital

Assistant Professor, Department of Surgery, University of Toronto

***Group 3: ECMO Maintenance/Prognosis/Outcomes***

**Dr. Neill Adhikari**

Critical Care Physician

Lecturer, Department of Critical Care Medicine, Sunnybrook Health Sciences Centre

Medical Co-Director, Cardiovascular ICU, Sunnybrook Health Sciences Centre

**Dr. Andrew Baker**

Critical Care Physician and Anesthesiologist

Professor, Departments of Anesthesia and Surgery, University of Toronto

**Dr. J. Gordon Boyd**

Critical Care Physician and Neurologist

Assistant Professor, Department of Medicine (Neurology) and Critical Care, Centre for Neuroscience Studies, Queen’s University, Kingston, Ontario

**Dr. Allan DeCaen**

Pediatric Critical Care Physician

Clinical Associate Professor, Department of Pediatrics, Faculty of Medicine, University of Alberta

**Dr. Eddy Fan**

Critical Care Physician

Assistant Professor of Medicine, Interdepartmental Division of Critical Care Medicine, and Institute of Health Policy, Management and Evaluation, University of Toronto

**Dr. Romergryko Geocadin**

Neurointensive Care Physician

Professor, Departments of Neurology, Anesthesiology/Critical Care Medicine, and Neurological Surgery, Division of Neuroscience and Critical Care, Johns Hopkins University of Medicine

**Dr. John Gill**

Nephrologist

Associate Professor, Division of Nephrology, Department of Medicine, Faculty of Medicine, University of British Columbia

**Dr. Eyal Golan**

Critical Care Physician

Clinical Associate, University Health Network, Toronto

*Ethics*

**Blair Henry**

Senior Ethicist, Sunnybrook Health Sciences

Senior Ethicist, North York General Hospital

Assistant Professor, DFCM University of Toronto

*Economics*

**Dr. Scott Klarenbach**

Nephrologist

Professor, Clinical Scientist, Division of Nephrology, University of Alberta, Edmonton

# Supplemental Online Appendix 2 – Meeting Agenda

|  |  |
| --- | --- |
| Time | Part I: Challenge address and context |
| 1300 – 1330 | ***Dr. Steve Brooks,*** *Associate Professor, Queen’s University, Department of Emergency Medicine; Meeting Co-Chair*   * Participant introductions * Challenge address |
| 1330 – 1410 | ***Dr. Zack Shinar,*** *Emergency Physician, Sharp Memorial Hospital, San Diego, California*   * The Sharp Memorial Hospital experience with E-CPR (30 min + 10 min Q&A) |
| 1410 – 1440 | ***Dr. Brian Grunau,*** *Emergency Physician, St. Paul’s Hospital, Vancouver*   * The Vancouver experience with E-CPR (20 min + 10 min Q&A) |
| 1440 – 1510 | ***Dr. Romer Geocadin,*** *Professor, Departments of Neurology, Anesthesiology/Critical Care Medicine and Neurological Surgery, The John Hopkins University School of Medicine*   * Neuroprognostication and end-of-life decision making after cardiac arrest for the ECPR population (20 min + 10 min Q&A) |
| 1510 – 1540 | ***Dr. Sam Shemie***, *Critical Care Medicine, Montreal Children’s Hospital, McGill University;* *Medical Advisor, Deceased Donation, Canadian Blood Services; Meeting Co-Chair*   * The intersection between E-CPR and Organ Donation- Inherent conflict or natural convergence? (20 min + 10 min Q&A) |
| 1540 – 1600 | Break |
|  | Part II: Clinical sequence of ECPR |
| 1600 – 1800 | ***Group Work:***   * Reviewing clinical sequences for prehospital care, ED care, ECMO deployment and maintenance, outcomes evaluation:   + What are the opportunities, challenges, and barriers?   + What are the research questions that need to be answered?   + Overarching considerations (ethics, economic analysis, logistics) |
| 1800 | Working dinner |
| 1800 – 1900 | Plenary, summary, and next steps/roadmap |