

Professor John F Fraser MB ChB PhD FRCP(Glas) FFARCSI FCICM is Founder and Director of the Critical Care Research Group at The Prince Charles Hospital and The University of Queensland, Director of the Intensive Care Unit at St Andrew's War Memorial Hospital, Founder and Chief Medical Officer of De Motu Cordis Pty Lid and President of the Asia Pacific Extracorporeal Life Support Organisation.

Established in 2004, the **Critical Care Research Group (CCRG)** is Australia's largest multi-disciplinary critical care research facility. CCRG consists of more than eighty leading clinicians, engineers, scientists, economists, and support staff connected to all major international cardiothoracic hospitals. CCRG has seven purpose-built biology, engineering, and bio-fabrication laboratories, as well as the largest preclinical ICU in the southern hemisphere.

In January 2020, Fraser founded the **COVID-19 Critical Care Consortium** with colleagues A/Prof Gianluigi LiBassi and Dr Jacky Suen. The Consortium facilitates the systematic collection of aggregate data from COVID-19 ICU patients to assist ICU clinicians in deciding treatment pathways for their patients. The Consortium has collected more than 35 million datapoints from 380 hospitals in 54 countries creating the world's most in-depth database of COVID-19 critically ill patients. The Journal of the American Medical Association has acknowledged the 'quantum change' the Consortium has made to data collection.

John has five professorships across major Australian universities, has published over 550 peer-reviewed publications; received more than AUD41million in competitive grants; been invited to deliver over 200 national and international lectures and co-wrote and edited the most comprehensive textbook on Mechanical Circulatory Support. In 2018, John was awarded the Australian Society of Medical Research Clinical Research Award.

Professor Fraser's passion for translating research into improved outcomes is evidenced by his foundation of De Motu Cordis <https://demotucordis.co>, a medtech firm engineering technology to improve emergency treatments for life-threatening conditions including anaphylaxis and cardiac arrest, and co-founded BiVACOR™ <https://bivacor.com> with its inventor, Dr Daniel Timms. BiVACOR™ relocated to the United States, headquartered in Houston, Texas.

John continues his work as a Chief Investigator on **Wellcome Trust** grants to improve outcomes in children with pneumonia in resource-poor countries.

He is the proud father of five great children: Ben, Dominic, Nicholas, Lucy, and Tommy.