

シンポジウム | 循環器集中治療

シンポジウム05 (II-S05)

循環器集中治療「循環器集中治療の現状と未来」

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Mon. Nov 23, 2020 8:10 AM - 10:10 AM Track7

[II-S05-1] 【 Keynote Lecture】 Pediatric Cardiac Critical Care at a Large Heart Center: Present and Future

○Douglas Atkinson (Associate in Cardiac Anesthesia and Critical Care, Boston Children's Hospital / Instructor in Anesthesia, Harvard Medical School)

Pediatric Cardiac Critical Care has an immense range of pathologic diversity and complexity, resulting in part from innovations and advancements in pediatric cardiac surgery and cardiopulmonary bypass. I plan to discuss programs implemented in the Pediatric Cardiac Intensive Care Unit at Boston Children's Hospital to face our complex medical care challenges and optimize outcomes. I will mainly discuss our Complex Biventricular Repair Program and Enhanced Recovery After Surgery (ERAS) protocol. I will also share my thoughts on the future of Pediatric Cardiac Critical Care, emphasizing collaboration, technological advances, and the intersection of data science and artificial intelligence.

Dr. Atkinson obtained his medical degree from the Medical College of Georgia in Augusta, Georgia, USA, in 2003 before completing a residency in Pediatrics and a fellowship in Pediatric Critical Care at Monroe Carrell Jr. Children's Hospital at Vanderbilt in Nashville, Tennessee. He then completed a residency in Anesthesiology at the University of Washington Medical Center in Seattle, Washington, followed by fellowships in Pediatric Anesthesiology, Pediatric Cardiac Anesthesiology, and Pediatric Cardiac Critical Care at Boston Children's Hospital in Boston, Massachusetts. He has been a faculty physician at Boston Children's Hospital since 2014, where he works as both a Cardiac Anesthesiologist and Intensivist. Dr. Atkinson's current research focuses on acute kidney injury in the pediatric heart patient and advances in non-invasive respiratory monitoring.