

Special Issue

Current Technological Advancement and Future Directions in the Field of Heart Transplant Surgery

Message from the Guest Editors

Heart transplantation is the gold standard for long-term survival in patients with end-stage heart failure. Innovative techniques and technological advances have been utilized to improve surgery outcomes and boost the pool of donor hearts, as well as to reduce the mortality of patients on transplant waiting lists. In the last two decades, donation after circulatory death has re-emerged as a promising solution to organ shortage and helped to improve outcomes. Ex vivo heart perfusion technology and the thoracoabdominal normothermic regional perfusion technique have made heart recovery feasible and sustainable in the context of donation after circulatory death. The goal of this Special Issue is to highlight and discuss these technological advancements and innovative techniques and potential future directions in the field of heart transplant surgery in depth.

Please click [here](#) to find more information.

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