

Special Issue

Ventricular Assist Devices: Clinical Advances in Practice and Future Perspectives

Message from the Guest Editor

The progress made in the field of mechanical circulatory support over the last two decades has been remarkable. For long-term ventricular assist devices, technology has progressed from pulsatile pneumatically driven devices to completely magnetically levitated devices, which are entirely intrapericardial. For short-term ventricular assist devices, technology is once again progressing from pulsatile pneumatically driven devices to completely magnetically elevated devices, as well as microaxial miniature intraventricular devices. Entering into the realm of cardiac transplantation, various devices have been developed to mechanically support and perfuse the donor heart during transportation prior to transplantation, with remarkable successes made in recent years, especially in the field of donor circulatory death (DCD) and normothermic regional perfusion (NRP). In this Special Issue, we welcome authors to submit papers related to clinical practice in the abovementioned fields.

- ventricular assist device
- mechanical circulatory support
- cardiac transplantation

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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