



## Clinical Challenges in Advanced Heart Failure, Heart Transplantation and Mechanical Circulatory Support

Guest Editor:

**Prof. Dr. Jürgen R.  
Sindermann**

Interdisciplinary Heart Failure  
Section, University Hospital  
Muenster, Albert Schweitzer  
Campus 1, A1, 48149 Muenster,  
Germany

Deadline for manuscript  
submissions:

**29 October 2024**

### Message from the Guest Editor

The early stages of heart failure are usually well managed by medical therapy and additional supportive means, worsening or advanced heart failure may require further steps. While heart transplantation entered the scene in the 1960s, mechanical circulatory support in terms of left ventricular assist devices have traditionally gained importance due to a shortage of donor organs. In the meantime, they have overcome the role of bridge to transplant devices. Now, left ventricular assist devices are often implanted as bridge to decision or destination therapy. The aim of this Special Issue is to present original scientific research addressing the identification of patients at risk of experiencing worsening or advanced heart failure, and to mirror the challenging therapeutic scenario of heart transplantation and temporary or permanent mechanical circulatory support.





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*Journal of Clinical Medicine* Editorial  
Office  
MDPI, Grosspeteranlage 5  
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