



Surgical Approaches for Complex Thoracic Aortic Diseases

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Message from the Guest Editors

Thoracic aortic diseases represent one of the most challenging sequelae for cardiac surgeons and the cause of approximately 10,000 deaths annually in the United States alone. The goal of surgical intervention is to prevent the high morbidity and mortality associated with either acute aortic syndromes or aneurysm rupture. In the same context, depending on the anatomy, pathology, emergency/severity of the disease, and the patient's clinical status, there is a wide spectrum of alternative approaches and strategies that are included in the cardiac surgeon's armamentarium. Meanwhile, the introduction in practice of new instruments and the adoption of hybrid approaches sets a new paradigm shift in aortic surgery. In this rapidly changing landscape, we call all cardiac surgeons with a special interest in aortic surgery to contribute to this Special Issue. Our vision is to provide the best currently available and up-to-date evidence on this important topic, thus providing all the necessary information to cardiac surgeons on core concepts in the surgical management of this challenging group of patients.





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