



New Insights in the Endovascular Treatment of Aortic Type A Dissection

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Message from the Guest Editor

Dear Colleagues,

Acute type A aortic dissection represents a formidable challenge in cardiothoracic surgery, necessitating urgent intervention to mitigate catastrophic complications. While open surgical repair still represents the gold standard, hybrid and endovascular techniques have emerged as promising alternatives and may have the potential to offer reduced morbidity and mortality rates. However, stent-driven therapies are not yet integrated into clinical routines and are primarily conducted at specialized aortic centers. Many different factors contribute to the high complexity of hybrid and endovascular therapeutic approaches, which could represent an attractive alternative, especially for critically ill patients.

Substantial knowledge and treatment gaps persist that must be addressed in order to facilitate these approaches in the treatment of acute type A aortic dissection and improve patient care. This Special Issue focuses on advancements and novel insights in hybrid and endovascular management of acute type A aortic dissection, elucidating key considerations in patient selection, procedural techniques, and outcome assessment.

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