

Special Issue

Endovascular Surgery: State of the Art and Clinical Perspectives

Message from the Guest Editors

Endovascular surgery has transformed the management of aortic pathologies, offering less invasive alternatives to traditional open surgical methods, particularly for thoracic, thoracoabdominal, and aortic arch pathologies. However, the increasing complexity of cases is highlighting the need for continued innovation. Endoleaks continue to represent a significant clinical challenge, requiring advanced imaging and treatment strategies. In the case of aortic arch endovascular surgery, the development of branched and fenestrated endografts has greatly improved the possibilities for treating these complex lesions without the need for open surgery, although neurological complications still prove to be the Achilles' heel in these procedures. Similarly, spinal cord ischemia still poses a problem when we are dealing with pathologies involving the thoracic and thoracoabdominal aorta, highlighting the need for new strategies to mitigate these risks. The future of aortic endovascular surgery lies in refining these techniques while addressing clinical and regulatory challenges. We look forward to receiving your contributions.

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