

Tentative Outline

Special Thematic Issue for the journal: Reviews on Recent Clinical Trials

Tentative article title of the thematic issue: Aortic Disease and Aortic Surgery

Section Editor: Prof. Raffaele Serra

Scope of the Thematic Issue:

Aortic diseases include a vast list of pathological states with different clinical manifestations. Aortic aneurysms (AAs) and acute aortic syndromes (AASs) account for the most common aortic diseases. The aorta can be affected by various congenital and acquired diseases, either acutely or chronically, and involving the thoracic and/or the abdominal parts. Aortic disease is a significant cause of morbidity and mortality in western world.

Scope of this special thematic issue is to collect the most update articles on aortic disease, including epidemiology, genetics, biology and pathophysiology and on aortic surgery including surgical and endovascular procedures.

Moreover, specific articles on social aspects, social determinant of health, nursing, or also articles with the aim to design and to implement preventive strategies (healthy lifestyles, modifications to risk factors, and educational and screening programmes) at individual and community levels are also welcomed.

Keywords: aortic disease; aortic surgery; aneurysm; acute aortic syndrome; dissection; surgery; endovascular; pathophysiology.

Sub-topics:

The sub-topics to be covered within the issue should be provided:

- Genetics of Aortic Disease
- Proteomics of Aortic Disease
- Pathophysiology of Aortic Disease
- Aortic Aneurysms
- Aortic Dissections
- Congenital and hereditary aortic defects, including Marfan syndrome
- Acute Aortic Syndrome
- Aortitis
- Atherosclerosis
- Aortic Arch Syndrome
- Traumatic Aortic Disease
- Penetrating Aortic Ulcer
- Aortic intramural hematoma
- Social aspect of aortic disease
- Social determinants of health in aortic disease
- Vascular Nursing and Aortic Disease
- Training and Education in Aortic Surgery

Tentative titles of the articles

- a. Thoracoabdominal Aneurysms. A systematic review on open and endovascular surgery.
- b. Abdominal Aortic Aneurysms. A systematic review on open and endovascular surgery.
- c. Biomarkers in Aortitis.
- d. Aortic Dissections. A comprehensive review on management.
- e. Genetics of Abdominal Aortic Aneurysms. A systematic review

- f. Endovascular treatment of aortic arch. A systematic review.
- g. Education and Training in Aortic Surgery. A systematic review.
- h. Health-related quality of life in patients with abdominal aortic aneurysm undergoing endovascular aneurysm repair.

Schedule:

✧ Thematic issue submission deadline: 31st December 2023.

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