

CALL FOR PAPERS

Cardioembolic strokes account for one-third of all ischemic strokes, and those are characteristically more morbid than ischemic stroke from other causes. The etiology of cardioembolism includes congenital heart defects (e.g., patent foramen ovale, arteriovenous malformation), acquired conditions (e.g., atrial fibrillation, left ventricular dysfunction), or iatrogenic causes (percutaneous coronary and valvular interventions).

Given the substantial morbidity and mortality associated with cardioembolic strokes, and the limitations of medical preventative strategies, there is a growing interest in transcatheter interventions that might reduce the risk of stroke in selected patients. Several procedures have already become popular for primary and secondary preventions of cardioembolic stroke, including left atrial appendage occlusion, patent foramen ovale closure, and cerebral embolic protection during transcatheter aortic valve replacement.

In this special issue, we aim to focus on the available and emerging transcatheter strategies for prevention of cardioembolic stroke. Specifically, we invite authors to submit manuscripts pertaining to the current and emerging transcatheter cardioembolic stroke prevention technologies. These issues welcome both original research papers and review articles.

Potential topics include but are not limited to the following:

- ▶ Safety, effectiveness, and complications with left atrial appendage occlusion
- ▶ Cerebral embolic protection devices during transcatheter aortic valve replacement or other structural heart interventions
- ▶ Cardioembolic stroke associated with percutaneous coronary interventions
- ▶ The current status and future directions of percutaneous closure of patent foramen ovale
- ▶ Transcatheter therapies for cardioembolic stroke associated with venous or arteriovenous anomalies
- ▶ Percutaneous mechanical thrombectomy in patients with acute cardioembolic stroke

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/jitc/cbtcs/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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