

Earthquake and Cardiovascular Effects

Mendelian forms of renin-angiotensin-aldosterone system (RAAS)-related hypertension, commonly referred to as monogenic hypertension, represent a rare but significant subset of hypertensive disorders characterized by genetic mutations that disrupt the normal physiological mechanisms of blood pressure regulation. This review by Özdede from Türkiye focuses on elucidating the germline mutations affecting RAAS pathways that lead to distinct forms of heritable hypertension.

Gap junction remodeling is an important cause of ventricular arrhythmia in heart failure. However, it remains unclear whether renal denervation (RDN) regulates gap junction remodeling in heart failure. Liang et al from China found that RDN alleviates gap junction remodeling in high pacing induced heart failure dogs.

Superior vena cava (SVC) is Atrial Fibrillation's most common non-pulmonary vein (PV) foci. Studies reported conflicting results when SVC isolation (SVCi) was combined with PVi and long-term outcomes were lacking. Canpolat et al from Türkiye aimed to evaluate the long-term efficacy and safety of empirical SVCi as an adjunct to cryoballoon-based PVi in persistent AF ablation.

On February 6, 2023, a natural disaster, a massive earthquake, which took place in Türkiye killed thousands of people. However, survivors suffered from stress factors and the social and clinical consequences of the disaster. One of these clinical consequences may be Cardiovascular deterioration. Akkuş et al from Türkiye investigated clinical and angiographical characteristics of patients with ACS who were the survivors of this earthquake and admitted their hospital and cardiology clinic in Antakya/Türkiye which was the most destroyed city.

Lalani et al from India compare distal (dTRA) and classical (cTRA) transradial approaches for coronary catheterization with respect to puncture attempts, puncture time, operator and patient comfort, and safety outcomes. Worth looking at the results.

And new letters and e-page originals.

I hope this new issue of our journal will be intrest of our readers.

EDITORIAL

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DOI: 10.14744/AnatoJCardiol.2024.9



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