

## **Apical Periodontitis and CVD, Neuron Specific Enolase, Shenfu Injection...**

A comprehensive review by Liang et al from China synthesizes current evidence on the potential bidirectional associations between apical periodontitis and cardiovascular disease, examining the mechanisms underlying their mutual influence and the clinical implications for integrated patient care. Potential risk factor?

Diabetes Mellitus (DM) is prevalent among patients with cardiovascular disease. Transcatheter tricuspid valve repair using the edge-to-edge technique T-TEER represents an alternative to surgery in high risk patients with severe tricuspid regurgitation (TR). Impact of DM in patients undergoing T-TEER is unknown. In a scientific letter Alachkar et al from Germany focused on this issue.

Korkmaz et al from Türkiye claim that their study is the first to evaluate whether Saline Contrast Echocardiography (SCE) causes silent neuronal injury. They suggest that when evaluated with neuron specific enolase the SCE method is safe and does not cause silent neuronal injury in patients without underlying neuronal susceptibility.

The red blood cell distribution width to albumin ratio (RAR) has emerged as a novel indicator of inflammation and nutrition. However, the association between RAR and the risk of stroke remains unclear. Xue and Wang from China aimed to evaluate the association between RAR and stroke among adults in the United States. Interesting?

Traditional Chinese medicine, with its extensive historical background, confers distinctive benefits in the management of cardiovascular diseases. Shenfu Injection (SFI), a classic Chinese medicinal injection, is derived from the traditional Chinese medicine formula Shenfu Decoction (SFD). Zhang et al from China analyze the active constituents, potential candidates, and potential molecular mechanisms of SFI in treating cardiomyocyte hypertrophy using an integration of network pharmacology and cellular experiments with cell culture.

Bozer Uludağ et al from Türkiye evaluated the diagnostic performance of various T1 mapping measurement approaches by comparing non-ischemic dilated cardiomyopathy and hypertrophic cardiomyopathy cohorts with a control group. They found that T1 values correlated with measures of global systolic function and left ventricular remodeling.

And letters, e-page original...

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

### **EDITORIAL**

**Çetin Erol**

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DOI: 10.14744/AnatolJCardiol.2026.6



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