

## The S-FLEX Slovakia Registry, Myocarditis in the Chinese Population...

Myocardial ischemia/reperfusion (I/R) injury is a pathophysiological process connected to the onset of numerous heart disorders. Recent studies have demonstrated that ferroptosis is the main cause of I/R myocardial injury. Ferroptosis is a regulated iron-dependent cell death new type whose mechanism and targeted therapy are anticipated to be novel therapeutic techniques for I/R myocardial injury. Deng et al from China discussed the primary mechanism underlying ferroptosis (the three major metabolic routes involving iron, amino acids, and lipids, and in myocardial I/R, the specific mechanism and therapeutic target of ferroptosis) to determine the potential therapeutic approach for myocardial I/R injury.

Supraflex (Sahajanand Medical Technologies Limited, Surat, India) is a new generation biodegradable polymer-coated sirolimus-eluting stent (SES) designed on ultra-thin (60  $\mu\text{m}$ ) cobalt-chromium platform with flexible "S-link." The S-FLEX Slovakia registry carried out by Hudec et al aimed to assess safety and effectiveness of Supraflex SES, in an all-comers population with a subgroup of diabetic patient.

Raimoglou et al from Türkiye aimed to investigate the impact of common ADRB-1 gene polymorphisms, specifically Serine-Glycine at position 49 and Arginine-Glycine at position 389, on the clinical and structural aspects of hypertrophic cardiomyopathy (HCM). Additionally, this prospective study explored the association between these genetic variations and the response to beta-blocker therapy in HCM patients.

Although high left ventricular filling pressures [left ventricular (LV) end-diastolic pressure or pulmonary capillary wedge pressure (PCWP)] are widely taken as surrogates for LV diastolic dysfunction, the actual distending pressure that governs LV diastolic stretch is transmural pressure difference ( $\Delta\text{PTM}$ ). Aslanger et al from Türkiye compared preferring  $\Delta\text{PTM}$  over PCWP may improve diagnostic and therapeutic decision making clinically.

Bao et al from China analyzed trends in the burden of myocarditis in the Chinese population during 1990-2019. The data may lay the ground for public health policies, resource allocation, and the design of intervention plans and also would contribute to the literature.

And again letters, e-page originals...

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

### EDITORIAL

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