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Looking at valves with EuroIntervention

With PCR Tokyo Valves in the news, and PCR London Valves still fresh in our minds, what better moment to consider the latest developments in this field, many of which will certainly be topics of conversation at spring meetings, like EuroPCR 2024. Take a look now as we explore the latest tools, emerging data, promising trial designs, along with an expert review of some increasingly used procedures.

EuroIntervention expert review on indications for transcatheter edge-to-edge repair

In an expert review, **Mony Shuvy and Francesco Maisano** explore the expanding horizons in indications for transcatheter edge-to-edge repair. The authors examine the current clinical evidence on outcomes and limitations for transcatheter edge-to-edge repair in diverse patient populations, including those with severe left ventricular dysfunction, complex valve anatomies and congenital heart disease.

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Understanding outcomes of transcatheter edge-to-edge repair

Given the unique pathophysiology of atrial functional mitral regurgitation, **Tetsu Tanaka, Marcel Weber and colleagues** investigate the potential prognostic benefits of transcatheter edge-to-edge repair and how it may be attenuated by an elevated mean mitral valve pressure gradient.

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DragonFly transcatheter valve repair system

Jian'an Wang, D. Scott Lim and colleagues help expand the transcatheter edge-to-edge repair armamentarium by establishing evidence for the safety and efficacy of the DragonFly transcatheter valve repair system for the treatment of patients with symptomatic chronic degenerative mitral regurgitation.

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Novel transseptal transcatheter mitral valve replacement system

Lauren S. Ranard, Torsten Vahl and colleagues propose a preclinical study evaluating the performance, feasibility, haemodynamics and biocompatibility of the low-profile Saturn valve for transseptal transcatheter mitral valve replacement.

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