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Descrizione fisica	1 online resource (285 pages)
Disciplina	617.412
Soggetti	Heart - Surgery Cardiology Interventional radiology Cardiac Surgery Interventional Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Anatomy -- Physiology -- Indications for surgery -- functional classification / pathophysiology -- Imaging of the mitral and tricuspid valves -- Operative set-up -- exposure and analysis -- Annular dilatation -- ring annuloplasty (suture annuloplasty) -- Leaflet perforation -- Posterior mitral valve prolapse -- neo-chordae -- Posterior mitral valve prolapse -- triangular resection -- Posterior mitral valve prolapse -- quadrangular resection -- Posterior mitral valve prolapse -- sliding annuloplasty -- Anterior mitral valve prolapse -- neo-chordae -- Anterior mitral valve prolapse -- chordal transfer -- Anterior mitral valve prolapse -- chordal shortening -- Bi-leaflet prolapse -- Barlow's disease -- Bi-leaflet prolapse -- fibro-elastic disease -- Commissural prolapse -- Alfieri stitch (edge-to-edge) -- Annular calcification -- Ischaemic mitral regurgitation -- down-sizing annuloplasty -- Ischaemic mitral regurgitation --IMR ring -- Ischaemic mitral regurgitation -- papillary muscle apposition (Hvass sling) -- Infective endocarditis (MV) -- including peri-annular abscess -- Rheumatic MV repair -- Open mitral commissurotomy -- Mitral valve replacement with SVA preservation -- HOCM -- SAM -- Chordal SAM -- Tricuspid valve repair -- ring annuloplasty -- Tricuspid valve repair --

reduction annuloplasty (de Vega) -- Tricuspid valve repair – bicuspidisation (Kay annuloplasty) -- Tricuspid valve repair – anterior leaflet augmentation (pericardial patch) -- Tricuspid valve repair – Ebstein's anomaly -- Tricuspid valve replacement -- AF ablation surgery -- Minimally invasive mitral valve surgery -- Future techniques – percutaneous chordae, mitra-clip, CS devices etc -- Appendix -- Index. .

Sommario/riassunto

This book reviews the surgical management of the mitral and tricuspid valves. It provides a detailed examination of the recent exponential improvements in the understanding of the pathophysiology of the disease processes affecting these valves, which has resulted in significant changes in the strategies that can be applied. Chapters include analysis of the basic sciences related to the anatomy and physiology of the mitral and tricuspid valves, pre-operative imaging of these valves, illustrating the variety of pathologies encountered, and critically a comprehensive step-by-step approach to the peri-operative management and surgical techniques pertaining to each pathological process. Operative Mitral and Tricuspid Valve Surgery systematically covers all major topics involved in the current practice of an adult cardiac surgeon who performs operations on the mitral and tricuspid valves. It is therefore suitable for the cardiac intensive care unit specialist interested in improving their knowledge of cardiac patient management. It is an essential resource for all adult cardiac surgeons and cardiac intervention specialists at any stage of their career.
