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Nota di contenuto	1.Natural History of Aortic Valve Stenosis -- 2. Cardiovascular Risk Factors for Calcific Aortic Valve Disease -- 3.Bicuspid Aortic Valve Disease: From Bench to Bedside -- 4.Experimental Evidence for the Role of Atherosclerosis in Calcific Aortic Valve Disease -- 5.The Electrocardiogram as a Risk Predictor in Asymptomatic Aortic Stenosis -- 6.Exercise Testing in Aortic Stenosis and in Mitral Regurgitation -- 7. Detection of Calcium in the Aortic Valve by Non- Invasive Imaging -- 8.Assessment of Aortic Stenosis Severity:Determining Timing to Surgery -- 9.Balloon Aortic Valvuloplasty -- 10.Imaging for TAVI -- 11. Transcatheter Aortic Valve Implantation -- 12.Role of statins in valvular heart disease: Rheumatic valve disease and bioprosthetic valves -- 13.Slowing the Progression of Aortic Stenosis – The Emerging Role of Bisphosphonates -- 14.LDL-Density-Theory:Implications for Future Clinical Trials -- 15.Infective Endocarditis: New Recommendations and Perspectives -- 16.Assessment and Timing to Intervention of Mitral Regurgitation -- 17. Biology of Mitral Valve Disease -- 18.Mitral Valve Devices -- 19.Anatomy and Pathology of Right-sided atrioventricular and semilunar valves -- 20.Mechanisms, Evaluation and Management of Tricuspid Regurgitation.
Sommario/riassunto	Experimental studies in the field of cardiac valve biology are now demonstrating that the cardiac valve disease process is an active

biology with risk factors analogous to vascular risk factors. Understanding the risk factors is also evolving rapidly, giving physicians and scientists insight into the cellular mechanisms and raising the possibility of treating these valve lesions with other options besides surgical valve repair. Our knowledge of right-sided valve lesions is also rapidly becoming important in the field of valvular medicine. Not only is the pathology different from left-sided valve lesions, but the hemodynamic compromise is more complex and difficult to treat in patients who develop tricuspid or pulmonic valve disease. Early diagnosis and careful management of this patient population is critical for long term outcomes in this patient population. Cardiac Valvular Medicine represents an overview of the most recent science, clinical trials and new discoveries in the field of valvular heart disease. The editor has assembled a team of highly experienced contributors to provide a thorough translational understanding of the current and future treatments for this patient population. Cardiologists, internists, family practice physicians, cardiac surgeons and basic scientists will all find enormous benefit from this textbook.
