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Cover Photographs

Left: From Mediastinoscopy-Assisted Ligation of an Aberrant Right Subclavian Artery Through a Supraclavicular Approach. Top, preoperative 3-dimensional computed tomographic reconstruction demonstrating an aberrant right subclavian artery (RSCA; arrow) originating distal to the left subclavian artery (LSCA), with a retromediastinal course causing esophageal compression. A common origin of the left and right common carotid arteries (truncus bicaorticus [TBC]) from the aortic arch is also observed. Bottom, postoperative 3-dimensional computed tomographic reconstruction demonstrating patent right subclavian-common carotid artery bypass.

Center: From A New Approach to Interventional Atrioventricular Valve Therapy. An early prototype of a prosthesis with an integrated valve.

Right: From Technical Considerations to Avoid Pitfalls During Transapical Aortic Valve Implantation. After the stenotic native aortic valve is crossed with a wire (top inset), balloon aortic valvuloplasty is performed during rapid ventricular pacing. Dilute contrast solution permits visualization of the balloon under fluoroscopy (bottom inset).