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Nota di contenuto	AorticArchSurgery; Contributors; Introduction; Part I: General Principles; 1 Historical perspective - the evolutionof aortic arch surgeryDenton A. Cooley, MD; 2 Surgical anatomyThoralf M. Sundt III, MD and Carl G. Clingman, MA; 3 Natural history: evidence-basedindications for operationJohn A. Eleft eria des, MD; Part II: Imaging Techniques; 4 Aortography Charles Trinh, MD, Mark Skolkin, MD, and Richard Fisher, MD; 5 Computed tomographySalvatore G. Viscomi, MD, Alejandra Duran-Mendicuti, MD, Frank J. Rybicki, MD, PhD, and Stephen Ledbett er, MD, MPH 6 Magnetic resonance imagingAmgad N. Makaryus, MD and Lawrence M. Boxt, MD7 Echocardiography Benjamin A. Kohl, MD, John G. Augoustides, MD, and Albert T. Cheung, MD; Part III: Strategies for Intra-operative Managementand Neurologic Protection; 8 Anesthetic managementJohn R. Cooper, Jr, MD; 9 Options for exposure: from minimalaccess to total aortic replacementLars G. Svensson, MD, PhD; 10 Monitoring the brain: near-infraredspectroscopyMarc A.A.M. Schepens, MD, PhD and Frans G.J. Waanders, ECCP; 11 Monitoring the brain: jugular venousoxygen saturationJock N. McCullough, MD 12 Monitoring the brain: transcranialDopplerHarvey L. Edmonds, Jr,

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30 Atherosclerotic occlusive disease Geza Mozes\*, MD, PhD, Peter Gloviczki, MD, and Ying Huang, MD, PhD

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## Sommario/riassunto

Focusing exclusively on the surgical management of aortic arch disease in adults, this concise reference provides authoritative guidance on both standard and alternative approaches from internationally recognized experts. Topics include: general principles of aortic diseases imaging techniques intraoperative management neurologic protection strategies options for aortic repair surgical treatment of specific problems complications Abundant illustrations demonstrate significant imaging study findings and depict

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