Presented in full color, Cardiac Surgery in the Adult takes readers through the optimal treatment of congenital, acquired, infectious, and traumatic diseases of the heart and great vessels. The book opens with a history of cardiac surgery and basic cardiac science, then moves into all types of cardiac surgery, providing both practicing surgeons and residents with insight into the very latest surgical protocols. Cardiac Surgery in the Adult is logically divided into ten sections: – Basics (includes history, anatomy, physiology, pharmacology, computed tomography, risk assessment, simulation, and DVD with surgical video clips. In Cardiac Surgery in the Adult, 4e the world’s foremost cardiovascular surgeons and physicians deliver thorough, up-to-date coverage of operative strategy, decision making, technique, and pre and postoperative management for treating the adult cardiac patient. Editor Lawrence H. Cohn takes you through the optimal treatment of congenital, acquired, infectious, and traumatic diseases of the heart and great vessels. Presented in full color for the first time, the fourth edition of Cardiac Surgery in the Adult is aligned with up-to-the-minute developments in the field including recent surgical trends in minimally invasive cardiac surgery.