Written by more than 100 internationally recognized experts, this volume is the first definitive and comprehensive text/reference on intraoperative transesophageal echocardiography.

The text features 1,000 full-color echocardiograms and covers every aspect of intraoperative TEE, from physics and "knobology," to specific studies of cardiac valves and arteries, to the use of TEE in cardiac and noncardiac surgeries.

Major sections cover principles of echocardiography, intraoperative examination, critical care, coronary artery disease, valvular heart disease, thoracic aortic disease, congestive heart failure, interventional cardiovascular medicine, and noncardiac surgery. The text focuses on uses of TEE in surgical decision-making—preoperative, intraoperative, and postoperative—and includes specific clinical recommendations.