

## **Intraoperative Echocardiography Expert Consult Online And Print 1e Practical Echocardiography**

Advanced Approaches in Echocardiography  
Critical Care Ultrasound E-Book  
Atlas of 3D Echocardiography E-Book  
Advanced Approaches in Echocardiography  
Textbook of Clinical Echocardiography E-Book  
TEE Pocket Manual E-Book  
Intraoperative Echocardiography  
Total Burn Care  
Perioperative Transesophageal Echocardiography  
A Practical Approach to Transesophageal Echocardiography  
Board Stiff TEE E-Book  
Textbook of Clinical Echocardiography  
Cases in Adult Congenital Heart Disease  
Valvular Heart Disease: A Companion to Braunwald's Heart Disease E-Book  
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Echocardiography in Pediatric and Adult Congenital Heart Disease  
Echocardiography in Congenital Heart Disease  
Dynamic Echocardiography E-Book  
Comprehensive Textbook of Perioperative Transesophageal Echocardiography  
Pfenninger and Fowler's Procedures for Primary Care E-Book  
Practice of Clinical Echocardiography E-Book  
Hemodynamics and Cardiology  
Point of Care Ultrasound E-Book  
Perioperative Transesophageal Echocardiography  
Spine Surgery 2-Vol Set E-Book  
Essential Echocardiography: A Companion to Braunwald's Heart Disease E-Book

### **Advanced Approaches in Echocardiography**

Case-based and heavily illustrated, *Intraoperative and Interventional Echocardiography: Atlas of Transesophageal Imaging*, 2nd Edition covers virtually every clinical scenario in which you're likely to use TEE. Drs. Donald C. Oxorn and Catherine M. Otto provide practical, how-to guidance on transesophageal echocardiography, including new approaches and state-of-the-art technologies. More than 1,500 images sharpen your image acquisition and analysis skills and help you master this challenging technique. Real-world cases and abundant, detailed figures and tables show you exactly how to proceed, step by step, and get the best results. Each case begins with a brief presentation and discussion, and integrates clinical echocardiography, surgical pathology, and other imaging data. Clear descriptions of preoperative pathology guide you in choosing the best approach to common problems. The practice-based learning approach with expert commentary for each case helps you retain complex information and apply it in your daily practice. Every chapter has been thoroughly revised, with discussions of new technology and new techniques, including several techniques that are on the verge of becoming

mainstream. New chapters cover current transcatheter valve therapies and device closures.

### **Critical Care Ultrasound E-Book**

Written by expert pediatric cardiologists at the Mayo Clinic and other leading institutions, this book provides a comprehensive review of echocardiographic evaluation and diagnosis of congenital heart disease in pediatric and adult patients. Coverage includes advanced techniques such as tissue Doppler, three-dimensional echocardiography, intracardiac and intraoperative transesophageal echocardiography, and cardiac magnetic resonance imaging. Chapters provide complete information on the full range of abnormalities and on evaluation of valve prostheses and the transplanted heart. More than 1,300 illustrations, including over 900 in full color, complement the text. Purchase includes online access to AVI clips developed at the Mayo Clinic of the congenital-specific lesions illustrated in the book.

### **Atlas of 3D Echocardiography E-Book**

6th Edition, brings you up to date with new information on less commonly seen diseases and conditions, including the latest evidence and management guidelines. This unique medical reference book is essential for a complete understanding of today's options and potential difficulties in anesthesia. Improve your ability to manage every patient, including those with rare diseases or conditions. Avoid complications with unique coverage of an important aspect of anesthetic management. Get outstanding visual guidance with hundreds of illustrations, now in full color. Understand uncommon diseases to avoid anesthetic complications!

### **Advanced Approaches in Echocardiography**

Comprehensive and complete, Blumgart's Surgery of the Liver, Pancreas and Biliary Tract - edited by Dr. William R. Jarnagin and a team of experts- delivers the comprehensive, cutting-edge guidance you need to achieve optimal outcomes in surgery of the liver, biliary tract, and pancreas. Edited by a panel of experts and featuring contributions by many leading authorities, this 2-volume reference brings you the latest information on pathology, diagnostics, surgery, and non-operative intervention all in one source. At [www.expertconsult.com](http://www.expertconsult.com) you can not only access the complete contents online, but also an abundance of detailed illustrations and step-by-step procedural video clips from the Memorial Sloan Kettering video library that show you how to perform key procedures step by step. Glean all essential, up-to-date, need-to-know information in one comprehensive reference that provides extensive coverage of pathology, diagnostics, surgery, and non-operative intervention as well as hepatobiliary and pancreatic surgery. Deepen your understanding of surgical anatomy to help with diagnosis, surgical operation, interventional radiology, and endoscopy. See how to perform key procedures by watching

operative videos from the Memorial Sloan Kettering video library. Apply the most advanced diagnostic and management options for each disease, including interventional techniques. Stay current with the latest knowledge and advancements including minimally invasive techniques in hepatic resection; surgical considerations for congenital disorders of the pancreas; non-surgical therapies for pancreatic cancer; microwave ablation and other emerging technologies; the most recent developments in the rapidly changing area of transplantation; and the newest best practices in pre- and post-operative care and blood transfusion. Get in-depth coverage of the pancreas from the only fully comprehensive text on both hepatobiliary and pancreatic surgery. Learn from the very best. Rely on the trusted guidance of experts, with a fresh perspective from senior editor, Dr. William Jarnigan, who has earned a national and international reputation in the surgical management of diseases of the biliary tract. Access the full text online at [www.expertconsult.com](http://www.expertconsult.com), along with image and video libraries, tables, figures, and more! Over 200 additional contributing experts. A single, comprehensive reference that covers pathology, diagnostics, surgery, and non-operative intervention all in one text!

## **Textbook of Clinical Echocardiography E-Book**

Complemented by: Kaplan's cardiac anesthesia / editor, Joel A. Kaplan. 6th ed. c2011.

## **TEE Pocket Manual E-Book**

Current Clinical Medicine's 2nd edition, by the world famous Cleveland Clinic, is an Internal Medicine reference that gives you authoritative and actionable information wherever you are, whenever you need it. More than 40 updated chapters, 13 new chapters, and 30% new illustrations ensure that you'll have access to the most up-to-date guidance. In addition to its user-friendly, easy-access format and consistent, reliable coverage, this Expert Consult title includes a website with the complete contents of the book, fully searchable, downloadable images, and more, to keep you and your practice completely current. Includes access to a website featuring the complete contents of the book, fully searchable, access to patient information sheets, links to the Gold Standard Drug database, and much more, to keep you completely current. Provides consistent, reliable coverage to keep you on the top of your game. Includes summary boxes and algorithms for quick, confident diagnosis and treatment of each condition. Features a user-friendly format so you can find information quickly and easily. Contains more than a hundred full-color illustrations with a special focus on dermatology for highly visual guidance. Uses evidence-based gradings to help you evaluate your diagnoses. Includes many new chapters—including Hepatocellular Carcinoma, Head and Neck Cancer, Takayasu's Arteritis, and Non-Hodgkin and Hodgkin Lymphoma—as well as more than 40 substantially revised chapters, that ensure that you'll have access to the most current coverage. Features 30% new illustrations that provide you with updated details, concepts, and procedures.

## **Intraoperative Echocardiography**

The core of the book consists of detailed chapters on aortic stenosis, aortic regurgitation, mitral stenosis, mitral regurgitation, right-sided valve disease, prosthetic valves, and endocarditis.

## **Total Burn Care**

Dr. Otto's best-selling text not only explains how to qualitatively and quantitatively interpret echocardiographic images and Doppler flow data, but also outlines how this information affects your clinical decision making. This edition features new chapters on tissue doppler, intracardiac echocardiography, hand-held echocardiography, and echocardiography in inherited connective tissue disorders. A companion DVD offers case-based multiple-choice questions to help you assess your understanding. Whether you are attempting to choose a course of therapy, ascertain the optimal timing for intervention, arrive at a prognosis, or determine the possible need for periodic diagnostic evaluation, this is an essential resource you'll consult time and time again. Delivers clear and concise coverage of the basics of image acquisition that explains the how and why of echocardiography. Reflects the latest technology and standards of practice. Provides a clinically based approach to echocardiography, with an in-depth discussion of the main cardiac events seen in practice, including adult congenital heart disease. Devotes extensive detail to training, education, and quality assurance-making it the most comprehensive text on echocardiography. Includes a practical outline called The Echo Exam at the end of each chapter that presents necessary calculations, diagnoses, and examples along with guidance on how to interpret outcomes. Includes a bonus DVD containing 3 cases and 5 multiple-choice questions for each chapter that test your knowledge of the material. Perfect resource for Residents preparing for the boards. Offers an expanded section on echocardiography techniques that explains the latest applications for all types of practices. Discusses new echocardiography modalities, including contrast and 3-D echocardiography, so you can utilize the most promising new approaches for your patients. Includes new chapters on tissue doppler, intracardiac echocardiography, hand-held echocardiography, and echocardiography in inherited connective tissue disorders. Uses new, full-color line drawings and new color Doppler images to help you easily visualize cardiac problems.

## **Perioperative Transesophageal Echocardiography**

Internationally renowned cardiologists Drs. Catherine M. Otto and Robert O. Bonow help you to apply all of the latest scientific knowledge and clinical strategies with Valvular Heart Disease, a companion to Braunwald's Heart Disease. This indispensable resource for your everyday practice provides all of the knowledge you need to give your patients the most accurate diagnoses, the best possible heart disease treatment options, and the expert care they deserve. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®,

nook®, and other popular devices. Apply today's best medical and surgical approaches with comprehensive, expert guidance on today's full range of clinical heart disease treatments. Provide appropriate care to pediatric and pregnant patients with focused chapters on the unique needs of these special populations. Update your knowledge of these increasingly common heart diseases with brand-new chapters covering 3-dimensional anatomy of the aortic and mitral valves; clinical and genetic risk factors for calcific valve disease; risk assessment for aortic and mitral valve surgery; image-guided transcatheter valve procedures; optimal timing of valve interventions; state-of-the-art valve surgery; and much more. Apply the most current standards of practice with summaries of the ACC/AHA and new ESC valvular heart disease guidelines in each chapter. Vividly visualize heart valve anatomy and dysfunction, as well as important techniques and procedures, thanks to a multitude of detailed illustrations, full-color images, and online video content. Search the full text and access all the images online at Expert Consult.

## **A Practical Approach to Transesophageal Echocardiography**

A Practical Approach to Transesophageal Echocardiography, Third Edition, offers a concise and intensely illustrated guide to the current practice of perioperative TEE. Anesthesiology and cardiology attendings, fellows, and residents will find this an indispensable resource to the physics, examination protocols, and practice pitfalls of TEE. Designed in a portable format, A Practical Approach to Transesophageal Echocardiography, Third Edition, serves as a comprehensive and current reference easily carried into the operating room and clinical environments.

## **Board Stiff TEE E-Book**

Accurately identify complex geometrical distortions of cardiac anatomy using 3-D echocardiography and make more informed decisions regarding diagnosis and treatment. A highly visual, consistent, and practical format with online videos and more presents the authoritative, case-based, expert guidance you need to enhance your utilization and interpretation of this cutting-edge, dimensional diagnostic tool. Master the application of techniques to specific clinical situations with detailed case studies and discussions of challenging issues. See imaging findings as they appear in practice and discern subtle nuances with the aid of high-quality still images plus online videos. Reference the information you need quickly thanks to easy-to-follow, templated chapters, with an abundance of images and figures that facilitate visual learning. Take it with you anywhere! Access the full text, downloadable image library, videos, and more at [www.expertconsult.com](http://www.expertconsult.com). Sharpen your interpretive and diagnostic skills in 3-D echo!

## **Textbook of Clinical Echocardiography**

In Practice of Clinical Echocardiography, world-renowned authority Dr. Catherine M. Otto offers expert guidance on interpreting echocardiographic images and Doppler flow data and applying your findings to your daily clinical decision making. This medical reference book keeps you current on the latest advances and techniques, so you can implement the best possible approaches with your patients! Master the challenging practice of echocardiography through clear explanations of advanced concepts.. Reinforce your learning with a visually rich reference that includes abundant figures and tables to supplement the text. Utilize the most promising approaches for your patients with coverage of all echocardiography modalities, including contrast and 3-D echocardiography. Zero in on the critically important information and get a quick summary for review thanks to key points at the end of each chapter and a disease-oriented assessment of echocardiographic data. Access the complete contents online from your laptop or mobile device - anytime, anywhere - plus clinical cases, multiple-choice questions, videos, and eFigures at [www.expertconsult.com](http://www.expertconsult.com)! Stay current on the latest advances with a new chapter on echo-guided interventions for structural heart disease, extensive coverage of technical aspects of image and data acquisition, and many other essential updates. Master the practice of clinical echocardiography with Dr. Catherine M. Otto's best-selling text.

### **Cases in Adult Congenital Heart Disease**

Dynamic Echocardiography combines textbook, case-based, and multimedia approaches to cover the latest advances in this rapidly evolving specialty. The experts at the American Society of Echocardiography (ASE) present new developments in 3D echocardiography, aortic and mitral valve disease, interventional and intraoperative echocardiography, new technologies, and more. You'll have everything you need to apply the latest techniques in echocardiography and get the best results in print and online at [www.expertconsult.com](http://www.expertconsult.com). Stay current on aortic and mitral valve disease, prosthetic heart valve disease, interventional and intraoperative echocardiography, transesophageal echocardiography, CAD, complications of MI, pericardial disease and intracardiac masses, myocardial diseases, heart failure filling pressures, CRT, CHD, and new technologies. Understand the advantages of 3D echocardiography and see how to effectively use this novel technique. Appreciate the visual nuances and details of echocardiography thanks to beautiful, full-color illustrations. Tap into the expertise of authorities from the American Society of Echocardiography.

### **Valvular Heart Disease: A Companion to Braunwald's Heart Disease E-Book**

Written and endorsed by world experts from the American Society of Echocardiography (ASE), this unique multimedia resource uses text, case studies, and online components to cover the latest uses of echocardiography, including the most recent 2D and 3D advances. Unlike other existing textbooks in echocardiography, including the predecessor of this volume, entitled Dynamic Echocardiography, this 2nd edition, with its new title, covers a full range of topics, reflected in its 200

chapters that include essential material in a succinct format. Dr. Roberto M. Lang and his expert colleagues provide everything you need to assess cardiac anatomy and function and obtain clinically useful, noninvasive information for more accurate diagnosis and evaluation of heart disease. Tap into the knowledge and skills of a team of experts from the ASE, led by world-renowned authorities in echocardiography. Consult this title on your favorite e-reader. Get fully up to date with the latest echo practice guidelines and advanced technologies, including 3D echocardiography and myocardial strain. Gain a better understanding of the latest methods to assess cardiac chamber size and function, valvular stenosis/regurgitation, cardiomyopathies, coronary artery disease, complications of myocardial infarction, and much more – all in a practical, well-illustrated brief yet comprehensive format extensively supported by multimedia material. Stay up to date with hot topics in this rapidly evolving field: interventional/intraoperative echocardiography, transesophageal echocardiography, cardiac resynchronization therapy, and more.

## **ASE's Comprehensive Echocardiography E-Book**

Complemented by: Kaplan's cardiac anesthesia / editor, Joel A. Kaplan. 6th ed. c2011.

## **The Practice of Clinical Echocardiography**

Pfenninger and Fowler's Procedures for Primary Care, 3rd Edition is a comprehensive, "how-to" resource offering step-by-step strategies for nearly every medical procedure that can be performed in an office, hospital, or emergency care facility by primary care clinicians. . Designed for everyday practice, the outline format allows speedy reference while the detailed text and clear illustrations guide you through each procedure. The new edition of this best-selling book features full-color illustrations and easy access to the complete contents and illustrations, patient forms, and more online at [www.expertconsult.com](http://www.expertconsult.com). Understand how to proceed, step by step, thanks to detailed text and illustrations. Locate critical information at a glance with numerous boxes and tables. Use the book for years with minimal wear and tear thanks to its sturdy cover. Patient education handouts to educate, save time, and reduce liability Coding guidelines included This best selling text now includes full color photos and new sections on Aesthetic and Hospitalist Procedures in addition to an update of all the previous procedures discussed in prior editions! Access the complete contents and illustrations online, download patient education handouts and consent forms, view lists of device manufacturers, and more at [www.expertconsult.com](http://www.expertconsult.com). Offer your patients a variety of cosmetic procedures using lasers and pulsed-light devices (including individual chapters on procedures for hair removal, photorejuvenation, , skin tightening and skin resurfacing, and tattoo removal), botulinum toxin, as well as new coverage of cosmeceutical skin care, tissue fillers, and photodynamic therapy. Master new procedures such as maggot treatment for chronic ulcers, endovenous vein closure, stress echo, insertion of the contraceptive capsule (Implanon) and tubal implant (Essure), musculoskeletal ultrasound, no-needle/no-scalpel vasectomy, procedures to treat

acute headaches, and more. Don't worry! All the more basic office procedures are still included with improved and updated discussions! Pfenninger and Fowler provide the latest and most comprehensive information on medical procedures that allow primary care physicians to more effectively treat their patients.

## **Echocardiography in Congenital Heart Disease- E-Book**

In Practice of Clinical Echocardiography, world-renowned authority Dr. Catherine M. Otto offers expert guidance on interpreting echocardiographic images and Doppler flow data and applying your findings to your daily clinical decision making. This medical reference book keeps you current on the latest advances and techniques, so you can implement the best possible approaches with your patients! Master the challenging practice of echocardiography through clear explanations of advanced concepts.. Reinforce your learning with a visually rich reference that includes abundant figures and tables to supplement the text. Utilize the most promising approaches for your patients with coverage of all echocardiography modalities, including contrast and 3-D echocardiography. Zero in on the critically important information and get a quick summary for review thanks to key points at the end of each chapter and a disease-oriented assessment of echocardiographic data. Access the complete contents online from your laptop or mobile device - anytime, anywhere - plus clinical cases, multiple-choice questions, videos, and eFigures at [www.expertconsult.com](http://www.expertconsult.com)! Stay current on the latest advances with a new chapter on echo-guided interventions for structural heart disease, extensive coverage of technical aspects of image and data acquisition, and many other essential updates.

## **Kaplan's Cardiac Anesthesia E-Book**

Total Burn Care guides you in providing optimal burn care and maximizing recovery, from resuscitation through reconstruction to rehabilitation! Using an integrated, "team" approach, leading authority David N. Herndon, MD, FACS helps you meet the clinical, physical, psychological, and social needs of every patient. With Total Burn Care, you'll offer effective burn management every step of the way! Effectively manage burn patients from their initial presentation through long-term rehabilitation. Devise successful integrated treatment programs for different groups of patients, such as elderly and pediatric patients. Browse the complete contents of Total Burn Care online and download images, tables, figures, PowerPoint presentations, procedural videos, and more at [www.expertconsult.com](http://www.expertconsult.com)! Decrease mortality from massive burns by applying the latest advances in resuscitation, infection control, early coverage of the burn, and management of smoke inhalation and injury. Enhance burn patients' reintegration into society through expanded sections on reconstructive surgery (with an emphasis on early reconstruction), rehabilitation, occupational and physical therapy, respiratory therapy, and ventilator management.

## **Medical Management of the Thoracic Surgery Patient E-Book**

Textbook of Clinical Echocardiography, 5th Edition enables you to use echocardiography to its fullest potential in your initial diagnosis, decision making, and clinical management of patients with a wide range of heart diseases. World-renowned cardiologist Dr. Catherine M. Otto helps you master what you need to know to obtain the detailed anatomic and physiologic information that can be gained from the full range of echo techniques, from basic to advanced. Get straightforward explanations of ultrasound physics, image acquisition, and major techniques and disease categories - all with a practical, problem-based approach. Make the most of this versatile, low-cost, low-risk procedure with expert guidance from one of the foremost teachers and writers in the field of echocardiography. Know what alternative diagnostic approaches to initiate when echocardiography does not provide a definitive answer. Access the entire text online at [www.expertconsult.com](http://www.expertconsult.com), as well as echo video recordings that correspond to the still images throughout the book. Acquire a solid foundation in the essentials of advanced echocardiography techniques such as contrast echo, 3D echo, myocardial mechanics, and intraoperative transesophageal echocardiography. Fully understand the use of echocardiography and its outcomes with key points that identify the must-know elements in every chapter, and state-of-the-art echo images complemented by full-color comparative drawings of heart structures. Familiarize yourself with new ASE recommendations for echocardiographic assessment of the right heart and 3D echocardiography, including updated tables of normal measurements.

## **Current Clinical Medicine E-Book**

Hemodynamics and Cardiology, a volume in Dr. Polin's Neonatology: Questions and Controversies Series, offers expert authority on the toughest cardiovascular challenges you face in your practice. This medical reference book will help you provide better evidence-based care and improve patient outcomes with research on the latest advances. Reconsider how you handle difficult practice issues with coverage that addresses these topics head on and offers opinions from the leading experts in the field, supported by evidence whenever possible. Find information quickly and easily with a consistent chapter organization. Get the most authoritative advice available from world-class neonatologists who have the inside track on new trends and developments in neonatal care. Purchase each volume individually, or get the entire 6-volume set, which includes online access that allows you to search across all titles! Stay current in practice with coverage on issues such as the clinical implications of near-infrared spectroscopy in neonates, MRI imaging and neonatal hemodynamics, and hybrid management techniques for congenital heart disease. Access the fully searchable text online at [www.expertconsult.com](http://www.expertconsult.com).

## **The Practice of Clinical Echocardiography**

Intraoperative Echocardiography - a volume in the exciting new Practical Echocardiography Series edited by Dr. Catherine

M. Otto - provides practical, how-to guidance on intraoperative echocardiography in adult and pediatric patients. Definitive, expert instruction from Dr. Donald C. Oxorn is presented in a highly visual, case-based approach that facilitates understanding and equips you to master this difficult technique while overcoming the unique challenges and risks it presents. Access the full text online at [www.expertconsult.com](http://www.expertconsult.com) along with cases, procedural videos and abundant, detailed figures and tables that show you how to proceed, step by step, and get the best results. Master challenging and advanced intraoperative echocardiography techniques such as epiaortic echocardiography and 3-D echocardiography through a practical, step-by-step format that provides a practical approach to image acquisition and analysis, technical details, pitfalls, and case examples. Reference the information you need quickly thanks to easy-to-follow, templated chapters, with an abundance of figures and tables that facilitate visual learning. Become an expert in echocardiographic evaluation of complex valvular heart disease, congenital heart disease, and intravascular devices in patients undergoing cardiac surgery and interventional cardiology procedures. Access the complete text and illustrations online at [www.expertconsult.com](http://www.expertconsult.com) plus video clips, additional cases, and much more! Master the challenges of Intraoperative Echocardiography with guidance from the experts

## **Basic Perioperative Transesophageal Echocardiography**

Incorporate a holistic approach. Visualize all or any parts of the body, tissues, organs and systems in their live, anatomically and functionally interconnected state and in the context of the whole patient's clinical circumstances. See exactly how it's done. Numerous ultrasound images and access to dozens of videos demonstrate the use of ultrasound in critical care. Rely on the guidance of more than 80 different experts from Australia, China, Middle East, Europe, USA, and Canada regarding the current and future use of CCU. Adapt the use of emergency ultrasound in specialized out-of-hospital (i.e., war zones, animals) and in-hospital (i.e., pediatric units) settings. Additionally, issues regarding CCU logistics, training, and education are analyzed for the first time.

## **Transesophageal Echocardiography for Congenital Heart Disease**

Build a solid foundation of knowledge based on the fundamentals and employ step-by-step instruction from Spine Surgery. Edited by Edward C. Benzel, this best-selling medical reference explores the full spectrum of surgical techniques used in spine surgery and delivers the comprehensive, cutting-edge guidance you need to achieve successful outcomes. Online access, thorough updates, contributions by leading international authorities, an abundance of detailed illustrations, and procedural video clips provide everything you need to avoid and manage complex problems. Glean essential, up-to-date, need-to-know information in one comprehensive reference that explores the full spectrum of surgical techniques used in spine surgery. Hone your surgical skills and technique with intraoperative videos and more than 800 outstanding

illustrations demonstrating each technique step by step. Grasp and apply the latest knowledge from more than 25 brand-new chapters, as well as extensive revisions or total rewrites to the majority of existing chapters to present all of the most up-to-date information available on every aspect of spine surgery including motion preservation technologies, endovascular management, back pain and psychosocial interactions, biomechanics, and more. Consult with the best. Renowned neurosurgery authority Edward C. Benzel leads an international team of accomplished neurosurgeons and orthopedic surgeons - many new to this edition - who provide dependable guidance and share innovative approaches to surgical techniques and complications management. Equip yourself to address increasing occurrences of pain among aging and physically active patients. Access the information you need, where you need it on your laptop or mobile device via expertconsult.com, with fully searchable text, a wealth of procedural videos, online updates from the experts, downloadable image gallery and links to PubMed.

### **Intraoperative and Interventional Echocardiography**

Echocardiography in Heart Failure - a volume in the exciting new Practical Echocardiography Series edited by Dr. Catherine M. Otto - provides practical, how-to guidance on effectively applying echocardiography to evaluate heart failure, make therapeutic decisions, and monitor therapy. Definitive, expert instruction from Drs. Martin St. John Sutton and Denise Wiegers is presented in a highly visual, case-based approach that facilitates understanding and equips you to accurately apply this technique while avoiding any potential pitfalls. Access the full text online at [www.expertconsult.com](http://www.expertconsult.com) along with cases, procedural videos, and abundant, detailed figures and tables that show you how to proceed, step by step, and get the best results. Master challenging and advanced echocardiography techniques such as cardiac resynchronization therapy through a practical, step-by-step format that provides a practical approach to image acquisition and analysis, technical details, pitfalls, and case examples. Expand your knowledge and apply the latest findings on cardiomyopathy and dyssynchrony. Reference the information you need quickly thanks to easy-to-follow, templated chapters, with an abundance of figures and tables that facilitate visual learning. Access the complete text and illustrations online at [www.expertconsult.com](http://www.expertconsult.com) plus video clips, additional cases, and much more! Overcome challenges and master techniques with expert guidance on echocardiography in heart failure

### **Valvular Heart Disease**

Optimize perioperative outcomes with Kaplan's Cardiac Anesthesia! Dr. Joel L. Kaplan and a host of other authorities help you make the best use of the latest techniques and navigate your toughest clinical challenges. Whether you are administering anesthesia to cardiac surgery patients or to cardiac patients undergoing non-cardiac surgery, you'll have the guidance you need to avoid complications and ensure maximum patient safety. Consult this title on your favorite e-reader,

conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices. Update your understanding of cardiovascular and coronary physiology, and the latest advances in molecular biology and inflammatory response mechanisms. Master the newest approaches to perioperative assessment and management, including state-of-the-art diagnostic techniques. Tap into the latest knowledge about 2D and 3D transesophageal echocardiography, anesthesia delivery for minimally invasive/robotic cardiac surgery, assist devices and artificial hearts, cardiac pacing, cardiac resynchronization therapy, ablation techniques, and more. Access the complete contents online at Expert Consult, plus additional online-only features including an ECG atlas videos that demonstrate 2-D and 3-D TEE techniques in real time and an Annual Year End Highlight from the Journal of Cardiovascular Anesthesia that's posted each February. Clearly visualize techniques with over 800 full-color illustrations.

## **Blumgart's Surgery of the Liver, Pancreas and Biliary Tract E-Book**

This comprehensive textbook on the echocardiographic assessment of pediatric and congenital heart disease has been updated for a second edition with an emphasis on new technologies. This highly-illustrated full-color reference contains over 1200 figures, and offers over 600 video clips on a companion website. Fully updated, with new chapters on the assessment of the post-Fontan procedure patient and on pregnancy and heart disease Each lesion chapter includes new section highlighting the key elements of the echocardiogram(s) Written by experts from the leading centers around the world, with numerous new authors Revision emphasizes new technologies and quality of images Comprehensive content contains overview of ultrasound physics, discussion of laboratory set-up, protocol for a standard pediatric echocardiogram and quantitative methods of echocardiographic evaluation, including assessment of diastolic function Also includes special techniques and topics including 3D echocardiography, intraoperative echocardiography, and fetal echocardiography

## **Echocardiography in Heart Failure**

Echocardiography Review Manual fully prepares you for success on the echocardiography boards, the PTEeXAM, or the diagnostic cardiac sonographer's exam. Drs. Catherine M. Otto and Rosario Freeman, along with cardiac sonographer Rebecca G. Schwaegler, clearly demonstrate how to record echos, avoid pitfalls, perform calculations, and understand the fundamentals of echocardiography for all types of cardiac disease. All-new multiple-choice review questions and answers probe your knowledge of the latest approaches, and a completely new chapter on TEE covers everything you need to know about this te

## **Echocardiography in Pediatric and Congenital Heart Disease**

Learn TEE the fun and effortless way! Dr. Gallagher returns with the 2nd edition of Board Stiff TEE: Transesophageal Echocardiography, following the same humorous, digestible writing style that made the last edition a runaway best seller. This highly effective, enjoyable, and affordable medical reference book is not only ideal for those taking the boards; it is also a great overview for anyone looking to stay up-to-date on this increasingly important monitoring modality. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices. Get a detailed review of all of the PTEeXAM topics listed by the National Board of Echocardiography, written in a digestible, humorous, and engaging style. Understand difficult concepts and problems with the help of 150 schematic drawings. Access comprehensive, problem-solving guidance on quantitative aspects of TEE through a practical appendix that includes gradients, valve areas, and chamber pressures. Master TEE and confidently take the PTEeExam with Board Stiff TEE: Transesophageal Echocardiography! Stay current on the latest advances with a new chapter covering 3D TEE. Search the complete contents online, and access additional exam-type questions and cases, at [www.expertconsult.com](http://www.expertconsult.com)!

## **Anesthesia and Uncommon Diseases**

The definitive text and reference on transesophageal echocardiography (TEE) is now in its thoroughly updated Second Edition. This edition has been significantly reorganized to meet new demands in the field. The first section covers material relevant to the basic certification now being implemented by the American Society of Anesthesiologists and the Society of Cardiovascular Anesthesiologists. The second section, new to this edition, covers echocardiography in the critical care setting. The third section covers advanced applications relevant to the current certification. Coverage includes new chapters on organizing education and training in perioperative echocardiography; ultrasound for vascular access; assessment of the patient with endocarditis; using echo during resuscitation; epiaortic and epicardial imaging; endovascular management of thoracic vascular disease; transcatheter management of valvular heart disease; and perioperative application of Strain and three-dimensional echocardiography. A companion website includes the fully searchable text and an image bank.

## **Echocardiography in Pediatric and Adult Congenital Heart Disease**

Cases in Adult Congenital Heart Disease, by Michael Gatzoulis et al., is a new, one-of-a-kind cardiology reference designed to help you effectively manage challenging congenital conditions in adults through comprehensive visual guidance. Leading experts present 85 cases-ranging from the simple to the complex, supplemented by abundant images-which enable you to diagnose these cases from a real-life, clinical perspective. A companion website at [expertconsult.com](http://expertconsult.com) featuring full text and images and supplemented by a library of dynamic imaging clips allows you to access this unique resource in another

convenient way. Features 85 cases encompassing a full range of congenital heart disease problems—from the simple to the complex—that provide a better understanding of these conditions from a real-life, clinical perspective. Presents examples of multiple imaging modalities (including chest radiography, echocardiography, CT, MR, and angiography) clearly depict the clinical manifestations of congenital defects and provide you with the best views available of these conditions. Includes a companion website at [expertconsult.com](http://expertconsult.com) featuring the full text fully searchable online and images and supplemented by a library of dynamic imaging clips allows you to access this unique resource in another convenient way. Offers guidance on the assessment of congenital heart disease during pregnancy equips you with essential knowledge in addressing the needs of this growing patient population.

## **Echocardiography in Congenital Heart Disease**

Medical Management of the Thoracic Surgery Patient, by Michael I. Lewis, MD and Robert J. McKenna, Jr., MD, is a comprehensive pulmonary and thoracic reference that takes a practical approach to the diagnosis, workup and care of the thoracic surgery patient. It is geared towards pulmonary and critical care physicians and their trainees as well as all other specialties with whom thoracic surgeons consult and interact. It outlines the principles for understanding the underlying disease entities as well as the clinical implications and complications of surgery, and interprets key surgical concepts such as correlative and functional anatomy for non-surgeons. Contributions from today's authorities—at-a-glance detailed key information, as well as summary bullets and a multidisciplinary perspective, combine to offer essential guidance for confident patient management. As an Expert Consult title it includes convenient online access to the complete contents of the book—fully searchable—along with video clips of thoracic procedures, patient information sheets, all of the images downloadable for your personal use, and references linked to Medline at [www.expertconsult.com](http://www.expertconsult.com). Includes access to a companion website at [expertconsult.com](http://expertconsult.com) where you can search the complete contents of the book, watch video clips of thoracic procedures, print out patient information sheets, download all of the images, and review references linked to Medline providing you with a powerful resource for convenient consultation anytime, anywhere. Features 'real world' illustrative cases presented in a brief, bulleted format that facilitates easy access to and retention of the material. Examines every aspect of diagnosis and management for pre-, peri-, and postoperative care for an all-encompassing reference to respond to unique surgical problems. Provides coverage of individual topics supplemented by a brief case-based presentation, where appropriate, that lend a real-life perspective to the material. Contains all of the "need-to-know facts for a complete, thorough consultation in diagnosis and treatment of patients who undergo thoracic surgery. Offers practical information that utilizes the experience of today's leaders while based on evidence in the literature for coverage you can trust. Examines current clinical controversies, providing you with an arena for discussion of sensitive topics and guidance on preferred approaches when relevant. Presents pearls, pitfalls, key points, and other learning elements in each chapter, to help you locate summaries of essential information "at-a-glance. Features chapters written by specialists of various

disciplines, to equip you with a balanced perspective on each condition.

## **Dynamic Echocardiography E-Book**

Textbook of Clinical Echocardiography, 5th Edition enables you to use echocardiography to its fullest potential in your initial diagnosis, decision making, and clinical management of patients with a wide range of heart diseases. World-renowned cardiologist Dr. Catherine M. Otto helps you master what you need to know to obtain the detailed anatomic and physiologic information that can be gained from the full range of echo techniques, from basic to advanced. Get straightforward explanations of ultrasound physics, image acquisition, and major techniques and disease categories - all with a practical, problem-based approach. Make the most of this versatile, low-cost, low-risk procedure with expert guidance from one of the foremost teachers and writers in the field of echocardiography. Know what alternative diagnostic approaches to initiate when echocardiography does not provide a definitive answer. Access the entire text online at [www.expertconsult.com](http://www.expertconsult.com), as well as echo video recordings that correspond to the still images throughout the book. Acquire a solid foundation in the essentials of advanced echocardiography techniques such as contrast echo, 3D echo, myocardial mechanics, and intraoperative transesophageal echocardiography. Fully understand the use of echocardiography and its outcomes with key points that identify the must-know elements in every chapter, and state-of-the-art echo images complemented by full-color comparative drawings of heart structures. Familiarize yourself with new ASE recommendations for echocardiographic assessment of the right heart and 3D echocardiography, including updated tables of normal measurements.

## **Comprehensive Textbook of Perioperative Transesophageal Echocardiography**

### **Pfenninger and Fowler's Procedures for Primary Care E-Book**

Echocardiography in Congenital Heart Disease - a volume in the exciting new Practical Echocardiography Series edited by Dr. Catherine M. Otto - provides practical how-to-do-it guidance on echocardiography for an ever-growing number of pediatric and adult congenital heart disease patients. Drs. Mark B. Lewin and Karen Stout offer you definitive, expert instruction with a highly visual, case-based approach that facilitates understanding and equips you to accurately acquire and interpret images while avoiding pitfalls. Access the full text online at [www.expertconsult.com](http://www.expertconsult.com) along with cases, procedural videos, and abundant, detailed figures and tables that show you how to proceed, step by step, and get the best results. Master challenging and advanced techniques including 3-D echocardiography and transesophageal echocardiography through a practical, step-by-step format that provides a practical approach to data acquisition and analysis, technical details, pitfalls, and case examples. Expand your knowledge and apply the latest findings on congenital

cardiovascular abnormalities and adult congenital heart disease Reference the information you need quickly thanks to easy-to-follow, templated chapters, with an abundance of figures and tables that facilitate visual learning. Access the complete text and illustrations online at [www.expertconsult.com](http://www.expertconsult.com) plus video clips, additional cases, and much more!

## **Practice of Clinical Echocardiography E-Book**

Echocardiography remains the most commonly used imaging technique to visualize the heart and great vessels, and this clinically oriented text by Drs. Scott D. Solomon, Justina C. Wu, and Linda D. Gillam helps you make the most of its diagnostic and prognostic potential for your patients. Part of the highly regarded Braunwald's family of cardiology references, Essential Echocardiography expertly covers basic principles of anatomy and physiology, the appearance of normal variants across a wide range of cardiovascular diseases, and the hands-on approaches necessary to acquire and interpret optimal echocardiographic images in the clinical setting.

## **Hemodynamics and Cardiology**

Now updated throughout, with new TEE views, new ASE guidelines, and new coverage of key topics, the TEE Pocket Manual, 2nd Edition, is an indispensable guide to transesophageal echocardiography and its clinical applications. This concise, complete handbook includes everything you need to know when doing TEE and for reporting: normal values, explanations of abnormal findings, schematics and tables, formulas, calculations, pitfalls and artifacts, and more. More TEE views – 28 in all – and additional line drawings. Updated grading for vascular disease based on ASE Guidelines, specifically aortic stenosis, aortic insufficiency, and mitral stenosis. Increased coverage of assessment of right ventricular function, including dP/dt, volume overload, and pressure overload. Addition of the various transcatheter aortic valves to discussion of prosthetic valves. Expanded chapter on 3D TEE to include assessment of left ventricular function and mitral valve anatomy. New material on TEE for catheter-based interventions such as transcatheter aortic valve replacement, left atrial appendage occlusion and MitraClip.

## **Point of Care Ultrasound E-book**

Compact, hand-carried ultrasound devices are revolutionizing how healthcare providers practice medicine in nearly every specialty. The 2nd Edition of this award-winning text features all-new chapters, a greatly expanded video library, and new review questions to keep you fully up to date with the latest technology and its applications. Helps you interpret findings with a peer-reviewed, online video library with more than 1,000 ultrasound videos of normal and pathologic findings. These videos are complemented by anatomical illustrations and text descriptions to maximize learning. Offers new online

resources, including over 60 clinical cases and review questions in every chapter. Features fully updated content throughout, plus all-new chapters on hemodynamics, transesophageal echocardiography, transcranial Doppler ultrasound, pediatrics, neonatology, and 2nd/3rd trimester pregnancy. Shares the knowledge and expertise of expert contributors who are internationally recognized faculty from more than 60 institutions. Recipient of British Medical Association's President's Choice Award and Highly Commended in Internal Medicine at the BMA Medical Book Awards 2015 (first edition).

## **Perioperative Transesophageal Echocardiography**

Echocardiography in Congenital Heart Disease - a volume in the exciting new Practical Echocardiography Series edited by Dr. Catherine M. Otto - provides practical how-to-do-it guidance on echocardiography for an ever-growing number of pediatric and adult congenital heart disease patients. Drs. Mark B. Lewin and Karen Stout offer you definitive, expert instruction with a highly visual, case-based approach that facilitates understanding and equips you to accurately acquire and interpret images while avoiding pitfalls. Access the full text online at [www.expertconsult.com](http://www.expertconsult.com) along with cases, procedural videos, and abundant, detailed figures and tables that show you how to proceed, step by step, and get the best results. Master challenging and advanced techniques including 3-D echocardiography and transesophageal echocardiography through a practical, step-by-step format that provides a practical approach to data acquisition and analysis, technical details, pitfalls, and case examples. Expand your knowledge and apply the latest findings on congenital cardiovascular abnormalities and adult congenital heart disease Reference the information you need quickly thanks to easy-to-follow, templated chapters, with an abundance of figures and tables that facilitate visual learning. Access the complete text and illustrations online at [www.expertconsult.com](http://www.expertconsult.com) plus video clips, additional cases, and much more! Master echocardiography techniques for pediatric and adult patients with Congenital Heart Disease

## **Spine Surgery 2-Vol Set E-Book**

Transesophageal Echocardiography for Congenital Heart Disease represents a unique contribution as the only contemporary reference to focus exclusively on the clinical applications of transesophageal echocardiography (TEE) in congenital heart disease (CHD). Written by numerous prominent specialists and renowned leaders in the field, it presents a comprehensive, modern, and integrated review of the subject in light of the cumulative experience and most recent advances in the technology. Topics related to CHD include: (1) physics and instrumentation of TEE, particularly as they apply to the structural evaluation; (2) specialized aspects of the examination, with emphases on technical considerations pertinent to both pediatric and adult patients with congenital cardiovascular pathology; (3) segmental approach to diagnosis and functional assessment; (4) extensive discussion of the TEE evaluation of the many anomalies encompassing the CHD spectrum; (5) use of the imaging modality in the perioperative and interventional settings; and (6) important

aspects of 3D TEE evaluation. Richly illustrated by more than 700 figures/illustrations and 400 videos, this textbook will serve as an indispensable resource for all who use TEE in the care of both children and adults with CHD, from the novice to the expert.

### **Essential Echocardiography: A Companion to Braunwald's Heart Disease E-Book**

Echocardiography Review Manual fully prepares you for success on the echocardiography boards, the PTEeXAM, or the diagnostic cardiac sonographer's exam. Drs. Catherine M. Otto and Rosario Freeman, along with cardiac sonographer Rebecca G. Schwaegler, clearly demonstrate how to record echos, avoid pitfalls, perform calculations, and understand the fundamentals of echocardiography for all types of cardiac disease. All-new multiple-choice review questions and answers probe your knowledge of the latest approaches, and a completely new chapter on TEE covers everything you need to know about this te

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