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By Catherine M. Otto MD



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The fourth edition of Textbook of Clinical Echocardiography presents an accessible primer on this complex topic from Dr. Catherine Otto, one of the foremost teachers and writers in the field. You'll find straightforward explanations of the basics of ultrasound physics, image acquisition, and all the major techniques and major disease categories, as well as the latest on advanced echo techniques?such as contrast echo, 3D echo, and myocardial mechanics (strain rate imaging, speckle tracking, and synchrony). Each chapter?including a new one on intraoperative transesophageal echocardiography?features a practical outline called The Echo Exam, ideal for understanding the use of echo and its outcomes. State-of-the-art echo images are complemented by full-color comparative drawings of heart structures. And now, you can access the full text online thanks to Expert Consult functionality.

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- Includes The Echo Exam (a brief summary of how to do it, the necessary calculations, diagnosis and examples) as an appendix for review and reinforcement.
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Textbook of Clinical Echocardiography: Expert Consult - Online and Print, 4e By Catherine M. Otto MD Bibliography

- Sales Rank: #958979 in Books
- Brand: Brand: Saunders
- Published on: 2009-07-30
- Original language: English
- Number of items: 1
- Dimensions: 1.00" h x 7.50" w x 10.50" l, 3.20 pounds
- Binding: Hardcover
- 608 pages

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Editorial Review

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