

Cambridge University Press

978-1-107-02372-7 - Pearls and Pitfalls in Cardiovascular Imaging: Pseudolesions, Artifacts and other difficult diagnoses

Edited by Stefan L. Zimmerman and Elliot K. Fishman

Frontmatter

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Pearls and Pitfalls in CARDIOVASCULAR IMAGING

Pseudolesions, Artifacts
and Other Difficult
Diagnoses

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Pseudolesions,
Artifacts and Other
Difficult Diagnoses

Edited by

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CAMBRIDGE UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781107023727

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First published 2015

Printed in the United Kingdom by Bell and Bain Ltd

A catalog record for this publication is available from the British Library

Library of Congress Cataloging in Publication data

Pearls and pitfalls in cardiovascular imaging : variants and other difficult diagnoses /

[edited by] Stefan L. Zimmerman, Elliot K. Fishman.

p. ; cm.

Includes bibliographical references and index.

ISBN 978-1-107-02372-7 (Hardback)

I. Zimmerman, Stefan L., editor. II. Fishman, Elliot K., editor.

[DNLM: 1. Cardiovascular Diseases--diagnosis. 2. Diagnostic Imaging. 3. Diagnostic Techniques, Cardiovascular. WG 141]

RC683.5.I42

616.1'0754--dc23 2014039489

ISBN 978-1-107-02372-7 Hardback

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Preface

As with other titles in the *Pearls and Pitfalls* series, this book is a reference for those uncommon clinical diagnoses, artifacts, and other confusing or strange entities that are not typically covered in standard textbooks. This is not a collection of the classic cases that are so often encountered during board review or in continuing education materials. Rather, this title focuses on challenging scenarios and entities that we often encounter in day-to-day clinical practice but are not widely described or discussed in the broader radiology literature.

This collection of cardiovascular pearls and pitfalls is intended for imagers from the trainee level to the senior clinician in practice. It is intended to help one who encounters a cardiovascular finding that just doesn't seem right, but can't exactly put his or her finger on it. These are not your typical "Aunt Minnie" cases, but rather true-to-life cases that can result in real interpretive problems for the radiologist. In this book, we have tried to include cases that we think are clinically relevant and likely to be encountered by the practicing imager, rather than focusing on the rare zebra that may never be encountered within the career of most imagers.

Within, we have included examples of uncommon appearances of common diseases, benign lesions that can be misinterpreted as something more sinister, and pseudolesions due to technical artifacts. We have focused on the modalities of cardiovascular MRI and CT. While there is certainly a wealth of potential pitfalls in cardiac echocardiography, we thought this was beyond the scope of the current publication.

The cases are organized broadly into a mix of anatomic groups, categories of pseudolesions, and types of artifacts. Each case features one or several clinical examples collected by the authors as well as a short explanatory text focusing on the typical imaging findings, clinical relevance, and differential diagnosis.

We have greatly appreciated the opportunity to share our broad clinical experiences through compiling this quite heterogeneous but highly informative group of cases. We hope that our readers will enjoy reading this text as much as we have putting it together.

*Stefan L. Zimmerman,
on behalf of the co-authors.*

To my wife, Ginny, whose love and support make everything possible, and to my children, Owen, Joey, and Olivia, who make it all worthwhile.

Stefan L. Zimmerman