CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

Pathology of Heart Disease in the Fetus, Infant and Child

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

Pathology of Heart Disease in the Fetus, Infant and Child

Autopsy, Surgical and Molecular Pathology

Michael T. Ashworth
Great Ormond Street Hospital for Children

CAMBRIDGE
UNIVERSITY PRESS

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

CAMBRIDGE
UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre,
New Delhi – 110025, India

79 Anson Road, #06–04/06, Singapore 079906

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/9781107116283
DOI: 10.1017/9781316337073

© Michael T. Ashworth 2019

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2019

Printed in Singapore by Markono Print Media Pte Ltd.

A catalogue record for this publication is available from the British Library.

Library of Congress Cataloging-in-Publication Data
Names: Ashworth, Michael T., 1956– author.
Title: Pathology of heart disease in the fetus, infant and child : autopsy, surgical and molecular pathology / Michael T. Ashworth.
Description: Cambridge, United Kingdom ; New York, NY, USA : Cambridge University Press, 2019. | Includes bibliographical references and index.
Identifiers: LCCN 2019005631 | ISBN 9781107116283 (hardback)
Subjects: | MESH: Heart Diseases–pathology | Infant | Fetus | Child | Case Reports
Classification: LCC RJ421 | NLM WS 295 | DDC 618.92/12–dc23
LC record available at https://lccn.loc.gov/2019005631

ISBN 978-1-107-11628-3 Hardback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.

Every effort has been made in preparing this book to provide accurate and up-to-date information that is in accord with accepted standards and practice at the time of publication. Although case histories are drawn from actual cases, every effort has been made to disguise the identities of the individuals involved. Nevertheless, the authors, editors, and publishers can make no warranties that the information contained herein is totally free from error, not least because clinical standards are constantly changing through research and regulation. The authors, editors, and publishers therefore disclaim all liability for direct or consequential damages resulting from the use of material contained in this book. Readers are strongly advised to pay careful attention to information provided by the manufacturer of any drugs or equipment that they plan to use.

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

For my sister, Anne.

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

Contents

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

Preface

There are many books that deal with the pathology of congenital heart disease. Many books treat the pathology of non-congenital heart disease, but few do so from a paediatric perspective. I have read many of them and used them extensively over the years, but there is no single source where one can turn when faced with problems in the interpretation of the pathology of heart disease in the fetus and child. This book is an attempt to address this and to offer, primarily to the practising pathologist, a guide to the pathology of these disorders.

There has been an explosion of knowledge about heart disease since I began medical practice. Newer imaging methods have revolutionized its understanding. The pathology that I practised as a young consultant is no longer practicable. Soon, I suspect, most investigation of congenital heart disease, in death as in life, will be by means of imaging. The traditional cardiac pathologist will no longer practise in the fashion he or she once did. We belong to a profession whose horizons are changing, but before they do, I wish to make available the wealth of cases that I have seen over the years and the likes of which may not be seen in quite the same way again, but which are still valuable in understanding childhood heart disease.

I wish to express my thanks to the people who have helped this book come about. Firstly to Dr Jean Keeling who many years ago suggested I write a monograph on cardiac pathology, and to my late lamented colleague Dr Marian Malone at whose suggestion I began this particular work four years ago and who put me in touch with Cambridge University Press. My thanks to Professor Jem Berry who first encouraged me in paediatric cardiac pathology, and to Dr Audrey Smith who guided my first steps on that road. To my current Consultant colleagues at Great Ormond St Hospital, Neil Sebire, Liina Palm, Sam Levine and Thivya Sekar who have indulged my interest, and to my many pathology colleagues in the United Kingdom and abroad who have generously referred me cases over the years that have increased my understanding, even if I have not always increased theirs, I am grateful. To my clinical colleagues too numerous to list by name in cardiac surgery, cardiology and radiology in Bristol, Liverpool and London who have given of their time and experience, my heartfelt thanks.

Finally, in completing this work I can do no better than echo the words of the unknown ancient author of 2 Maccabees:

> If it is well told and to the point, that is what I myself desired: if it is poorly done and mediocre, that was the best I could do.
>
> (2 Mac 15:38)

© in this web service Cambridge University Press www.cambridge.org

CAMBRIDGE

Cambridge University Press
978-1-107-11628-3 — Pathology of Heart Disease in the Fetus, Infant and Child
Michael T. Ashworth
Frontmatter
More Information

© in this web service Cambridge University Press www.cambridge.org