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Rickham's Neonatal Surgery

Paul D. Losty
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Risto J. Rintala
John M. Hutson
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Editors

 Springer

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ISBN 978-1-4471-4720-6 ISBN 978-1-4471-4721-3 (eBook)
<https://doi.org/10.1007/978-1-4471-4721-3>

Library of Congress Control Number: 2017964011

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Printed on acid-free paper

This Springer imprint is published by the registered company Springer-Verlag London Ltd. part of Springer Nature
The registered company address is: The Campus, 4 Crinan Street, London, N1 9XW, United Kingdom



Peter Paul Rickham (1917–2003)

This textbook is dedicated to Peter Paul Rickham, pioneering surgeon, who co-founded the world's First neonatal surgical unit at Alder Hey Children's Hospital Liverpool, United Kingdom.

Foreword

Peter Paul Rickham graduated in medicine from Queens' College, Cambridge, and St Bartholomew's Hospital, London, in 1941. He trained in paediatric surgery at the Hospital for Sick Children, Great Ormond Street, London, under Sir Denis Browne and under Isabella Forshall at Alder Hey Children's Hospital, Liverpool, where he was appointed consultant paediatric surgeon in 1953.

At Alder Hey, Rickham established the hospital as a regional centre for neonatal surgery, he instituted a neonatal transport system for the safe transfer of surgical neonates from a wide area around Liverpool to Alder Hey and he inaugurated the world's first neonatal surgical intensive care unit which was the prototype emulated at centres throughout the world. As a result of the developments, neonatal surgical mortality decreased from 78% to 26% over a period of only 3 years. The subject of his MD thesis was "The Metabolic Response of the Newborn to Surgery".

Rickham remained in Liverpool until 1971 when he was then appointed Professor of Paediatric Surgery at the University Children's Hospital, Zurich, Switzerland, where he remained until retirement in 1983. At Alder Hey he trained numerous surgeons throughout the world particularly from the United States, Japan, Europe, Asia and South Africa.

He was the recipient of many awards and distinctions including the Denis Browne Gold Medal of the British Association of Paediatric Surgeons of which he was founder member and later President, the Legion d'Honneur, France, the Commander Cross, Germany, Ladd Medal Surgical Section of the American Academy of Pediatrics and two Hunterian Professorships from the Royal College of Surgeons of England.

The first edition of *Neonatal Surgery* co-edited with J. Herbert Johnston was published in 1969. It was the first textbook devoted entirely to neonatal surgery based on the accumulating experience of newborn surgery carried out at Alder Hey Children's Hospital from 1953 to 1968. It was, in its time, the "bible" of neonatal surgery and I read it from cover to cover before, during and after my time as a Smith and Nephew Fellow studying under Peter Paul Rickham in 1970. Two subsequent editions of *Neonatal Surgery* were later published in 1978 and 1990. The scope of these publications was expanded, and new contributions from a range of experts of international repute were included.

It is pleasing now to witness a major new international textbook launched from Alder Hey titled *Rickham's Neonatal Surgery* edited by Paul Losty

(Liverpool, UK), Alan Flake (Philadelphia, USA), Risto Rintala (Helsinki, Finland), Naomi Iwai (Kyoto, Japan) and John Hutson (Melbourne, Australia). This new textbook has a truly international list of distinguished contributors covering the full range of neonatal surgical conditions and related topics. Among many key themes comprehensively included in the new book attention also focuses on advances in fetal surgery, minimal invasive surgery, long-term outcomes and evidence-based surgery.

The textbook is a fitting tribute to the life and work of Peter Paul Rickham who was my mentor and good friend.

London, UK

Lewis Spitz

Editors' Preface: Rickham's Neonatal Surgery

In 1969, Peter Paul Rickham and Herbert Johnston published the first edition of Neonatal Surgery from Alder Hey Children's Hospital Liverpool which for many paediatric surgeons was considered to be one of the leading textbooks in the world dedicated to newborn surgery. The huge success of the first edition was followed with further editions of this landmark textbook published in 1978 and 1990. Peter Paul Rickham is credited with establishment of the world's first neonatal surgical unit at Alder Hey in 1953 co-founded together with Isabella Forshall. Indeed, it is perhaps then no great surprise that several generations of young paediatric surgeons travelled to Liverpool to work with Rickham and the team of surgical staff based at Alder Hey. Peter Rickham was fortunate to also have Jackson Rees a pioneer in neonatal anaesthesia as a consultant colleague during that era. The "impossible became possible". Many young surgeons who visited Alder Hey later advanced to become world leaders in paediatric surgery across four continents.

This new textbook "Rickham's Neonatal Surgery" is dedicated to Peter Paul Rickham including past and present staff at Alder Hey. The team of editors have assembled leading experts with co-authors to provide state-of-the-art chapters covering the speciality field of neonatal surgery and its related disciplines including fetal medicine, fetal surgery, radiology, newborn anaesthesia, intensive care, neonatal medicine, medical genetics, pathology, cardiac surgery and urology. Contributions from the basic sciences and laboratory research are highlighted in the textbook reflecting steady progress in our current working knowledge and understanding of many neonatal surgical disorders. Evidence-based studies and "best practice" provide the reader wide-ranging information including the latest developments in many chapters. As huge advances have been made in neonatal surgery with improved survival particularly in the past decade(s), ethical issues, long-term outcomes and quality of life are also emphasised by the individual contributors. We hope the textbook will be an authoritative reference for surgical residents in training, consultant surgeons, general surgeons with an interest in paediatric surgery, neonatologists, paediatricians, intensive care specialists and nursing staff. The editors are greatly indebted to the many authors from across the world for their excellent contributions and for some their lifelong professional associations having trained or worked as surgeons at Alder Hey.

Special thanks must go to Barbara Lopez Lucio who worked tirelessly with all authors, editor-in-chief and editorial team to make the project possible. We greatly value and appreciate the skills of the artist(s) and illustrators

for their high-quality work. Finally, enormous gratitude is owed to Julia Megginson, Wyndham Hackett Pain and Melissa Morton at Springer, London, UK, for the final production of the textbook.

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Helsinki, Finland

Melbourne, VIC, Australia

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