

Cambridge University Press

978-0-521-54365-1 - Essential Clinical Medicine: Symptoms, Diagnosis, Management

Edited by Terence Gibson and John Rees

Frontmatter

[More information](#)

Essential Clinical Medicine

Cambridge University Press

978-0-521-54365-1 - Essential Clinical Medicine: Symptoms, Diagnosis, Management

Edited by Terence Gibson and John Rees

Frontmatter

[More information](#)

Essential Clinical Medicine

Symptoms, diagnosis, management

Edited by

Terence Gibson and John Rees

Cambridge University Press
 978-0-521-54365-1 - Essential Clinical Medicine: Symptoms, Diagnosis, Management
 Edited by Terence Gibson and John Rees
 Frontmatter
[More information](#)

CAMBRIDGE UNIVERSITY PRESS

Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore,
 São Paulo, Delhi, Dubai, Tokyo

Cambridge University Press
 The Edinburgh Building, Cambridge CB2 8RU, UK

Published in the United States of America by
 Cambridge University Press, New York

www.cambridge.org

Information on this title: www.cambridge.org/9780521835732

© Cambridge University Press 2009

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 2009

Printed in the United Kingdom at the University Press, Cambridge

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

Library of Congress Cataloging-in-Publication Data

Essential clinical medicine : symptoms, diagnosis, management / edited
 by Terence Gibson and John Rees.

p. ; cm.

Includes bibliographical references and index.

ISBN 978-0-521-83573-2 (hardback) – ISBN 978-0-521-54365-1
 (pbk.) 1. Clinical medicine. I. Gibson, T. (Terence) II. Rees, John,
 1949– III. Title.

[DNLM: 1. Clinical Medicine–methods–Handbooks. 2. Diagnostic
 Techniques and Procedures–Handbooks. 3. Patient Care–methods–
 Handbooks. WB 39 E766 2009]

RC46.E87 2009

616–dc22

2009015598

ISBN 978-0-521-83573-2 Hardback

ISBN 978-0-521-54365-1 Paperback

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 publication to provide
 accurate and up-to-date information which 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 publication. Readers are strongly advised to
 pay careful attention to information provided by the manufacturer of
 any drugs or equipment that they plan to use.

Cambridge University Press

978-0-521-54365-1 - Essential Clinical Medicine: Symptoms, Diagnosis, Management

Edited by Terence Gibson and John Rees

Frontmatter

[More information](#)

To generations of medical students past, present, and future. They continue to instruct and inspire us.

J. R. and T. G.

To the memory of my late daughter Maxine Hallworth

T. G.

Contents

<i>List of contributors</i>	page viii		
<i>Preface</i>	xi		
<hr/>			
1 The genetic basis of disease	1	12 Endocrine	349
Charulata Deshpande and Shirley Hodgson		Jake Powrie	
2 Health promotion	15	13 Toxicology	382
Alan Maryon-Davis		Alison Jones	
3 Gastroenterology	33	14 Sexually transmissible infections	400
Bijay Baburajan, Matthew Foxton and Terry Wong		Andrew de Burgh-Thomas and Jan Welch	
4 Kidney	82	15 Fever and infection	428
James Pattison		Nicholas M. Price	
5 Cardiovascular	118	16 Skin	476
Derek Hausenloy, Diana Gorog and Michael Marber		David McGibbon	
6 Lung	174	17 Hematology	521
John Rees		Stephen Schey	
7 Ear, nose, and throat	210	18 The elderly patient	561
Rachael Hornigold, Simon Hogan and Michael Gleeson		Mark Kinirons	
8 Mental health	225	19 The critically ill patient	573
Teifion Davies		Richard Leach	
9 Neurologic	257	20 The dying patient	595
Katia Cikurel, Leone Ridsdale and Lina Nashef		Teresa Beynon	
10 Eye	299		
Denise Mabey			
11 Rheumatic	312		
Terence Gibson			
		<hr/>	
		<i>Index</i>	616
		<i>The plates will be found between pages 404 and 405</i>	

Contributors

Bibay Baburajan

Consultant Gastroenterologist
 Maidstone and Tunbridge Wells NHS Trust
 Maidstone ME16 9QQ, UK

Teresa Beynon

Consultant in Palliative Medicine
 Department of Palliative Care
 St Thomas' Hospital
 London SE1 7EH, UK

Katia Cikurel

Consultant Neurologist
 King's College Hospital
 London SE5 9RS, UK

Teifion Davies

Senior Lecturer in Psychiatry
 Kings College London Institute of Psychiatry
 London SE1 7EH, UK

Andrew de Burgh-Thomas

Consultant in GU and HIV Medicine
 Department of Sexual Health
 Hope House,
 Gloucestershire Royal Hospital
 Gloucester GL1 3NN, UK

Charulata Deshpande

Consultant Genetecist
 Guy's Hospital
 London SE1 9RT, UK

Matthew Foxton

Consultant Gastroenterologist
 Queen Elizabeth Hospital
 Woolwich SE18 4QH, UK

Terence Gibson

Consultant Physician
 Department of Rheumatology
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 9RT, UK

Michael Gleeson

Professor of Otolaryngology
 Guy's and St. Thomas' NHS
 Foundation Trust
 London SE1 9RT, UK

Diana Gorog

Consultant Cardiologist
 East and North Hertfordshire NHS Trust
 Hertfordshire AL7 4HQ, UK

David Hausenloy

Senior Clinical Research Associate and Honorary
 Consultant Cardiologist
 The Hatter Cardiovascular Institute
 University College London
 London WC1E 6XH, UK

Shirley Hodgson

Professor of Cancer Genetics
 Department of Cancer Genetics
 St. George's Hospital
 London SW17 0RE, UK

Simon Hogan

Higher Medical Trainee in Pharmaceutical
 Medicine
 Faculty of Pharmaceutical Physicians
 Royal College of Physicians
 London NW1 4LE, UK

Rachael Hornigold

Specialist Registrar in ENT
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 9RT, UK

Alison Jones

Dean of Medical School, University of Western Sydney,
 Professor of Medicine and Clinical Toxicology
 School of Medicine and Public Health
 Faculty of Health
 University of Newcastle
 NSW 2310, Australia

Cambridge University Press

978-0-521-54365-1 - Essential Clinical Medicine: Symptoms, Diagnosis, Management

Edited by Terence Gibson and John Rees

Frontmatter

[More information](#)

List of contributors

Mark Kinirons

Consultant Physician
 Department of Ageing and Health
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 7EH, UK

Richard Leach

Consultant Physician
 Department of Respiratory Medicine
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 7EH, UK

Denise Mabey

Consultant Ophthalmologist
 Department of Ophthalmology
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 7EH, UK

Michael Marber

Professor of Cardiology
 Department of Cardiology
 The Rayne Institute
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 7EH, UK

Alan Maryon-Davis

Consultant in Public Health Medicine
 Division of Health & Social Care Research
 King's College Medical School
 London SE1 3QD, UK

David McGibbon

Consultant Dermatologist
 St. John's Institute of Dermatology
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 9RT, UK

Lina Nashef

Consultant Neurologist
 Kings College Hospital
 London SE5 9RS, UK

James Pattison

Consultant Neurologist
 Renal Unit Offices

Guy's and St. Thomas' NHS Foundation Trust
 London SE1 9RT, UK

Jake Powrie

Consultant Endocrinologist
 Diabetes & Endocrinology Unit
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 9RT, UK

Nicholas M. Price

Consultant Physician
 Department of Microbiology
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 7EH, UK

John Rees

Dean of Undergraduate Medical Education
 Kings College and Consultant Physician
 Sherman Education Centre
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 9RT, UK

Leone Ridsdale

Professor of Neurology and General Practice
 Division of Population Sciences and
 Health Care Research
 London SE11 6SP, UK

Stephen Schey

Consultant Haematologist
 Department of Haematological Medicine
 King's College Hospital
 London SE5 9RS, UK

Jan Welch

Consultant in GU Medicine
 Department of Sexual Health
 The Caldecot Centre
 London SE5 9RS, UK

Terry Wong

Consultant Gastroenterologist
 Department of Gastroenterology
 Guy's and St. Thomas' NHS Foundation Trust
 London SE1 7EH, UK

Cambridge University Press

978-0-521-54365-1 - Essential Clinical Medicine: Symptoms, Diagnosis, Management

Edited by Terence Gibson and John Rees

Frontmatter

[More information](#)

Preface

This book attempts to present all the clinical topics required of a modern, clinical curriculum for medical students. Where possible, each subject has been written in a problem-oriented style starting with common presenting symptoms followed by an approach to diagnosis and management. The diagnostic possibilities are considered in relation to their probability, their context and a range of associated features. The disorders which make up the major diagnostic possibilities are then considered. For each condition a clinical description is given together with the epidemiology, pathology, investigation, management and outcome. Not all diseases and topics are presented most effectively in this way and a stylistic compromise will be evident to the reader. Each chapter is preceded by a list of the topics covered.

The order of chapters attempts a logical sequence beginning with the impact of genes on health and ending with sections devoted to the elderly and the dying patient. Some symptoms and signs are shared by multiple illnesses and an extensive cross reference system allows the reader to reach across the spectrum of diseases. We believe that the book provides easy access to information about all the important conditions relevant to a modern medical curriculum. The prominence of presenting symptoms and the clinical emphasis of the text is designed to translate ultimately into high-quality care for patients.

*Terry Gibson
John Rees*