

Cambridge University Press
978-1-911-62361-8 — Mental Health, Diabetes and Endocrinology
Edited by Anne M. Doherty , Aoife M. Egan , Sean Dinneen
Frontmatter
[More Information](#)

Mental Health, Diabetes and Endocrinology

Cambridge University Press
978-1-911-62361-8 — Mental Health, Diabetes and Endocrinology
Edited by Anne M. Doherty , Aoife M. Egan , Sean Dinneen
Frontmatter
[More Information](#)

Cambridge University Press
978-1-911-62361-8 — Mental Health, Diabetes and Endocrinology
Edited by Anne M. Doherty , Aoife M. Egan , Sean Dinneen
Frontmatter
[More Information](#)

Mental Health, Diabetes and Endocrinology

Edited by
Anne M. Doherty
University College Dublin

Aoife M. Egan
Division of Endocrinology and Metabolism, Mayo Clinic

Seán F. Dinneen
School of Medicine, National University of Ireland Galway



CAMBRIDGE
UNIVERSITY PRESS

Cambridge University Press
 978-1-911-62361-8 — Mental Health, Diabetes and Endocrinology
 Edited by Anne M. Doherty, Aoife M. Egan, Sean Dinneen
 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

103 Penang Road, #05–06/07, Visioncrest Commercial, Singapore 238467

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/9781911623618

DOI: 10.1017/9781911623625

© Cambridge University Press 2021

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 2021

Printed in the United Kingdom by TJ Books Limited, Padstow Cornwall

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

Library of Congress Cataloging-in-Publication Data

Names: Doherty, Anne M., 1981– editor. | Egan, Aoife M., 1983– editor. |
 Dinneen, Seán F., editor.

Title: Mental health, diabetes and endocrinology / edited by Anne M.
 Doherty, Aoife M. Egan, Seán F. Dinneen.

Description: Cambridge, United Kingdom ; New York, NY : Cambridge
 University Press, 2021. | Includes bibliographical references and index.

Identifiers: LCCN 2021019478 (print) | LCCN 2021019479 (ebook) | ISBN
 9781911623618 (paperback) | ISBN 9781911623625 (epub)

Subjects: MESH: Mental Disorders--complications | Endocrine System
 Diseases--complications | Diabetes Complications

Classification: LCC RC454 (print) | LCC RC454 (ebook) | NLM WM 140 |
 DDC 616.89--dc23

LC record available at <https://lcn.loc.gov/2021019478>

LC ebook record available at <https://lcn.loc.gov/2021019479>

ISBN 978-1-911-62361-8 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 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.

Contents

List of Contributors vi

Preface ix

-
- | | |
|---|---|
| <p>1 An Introduction to Psychiatry in Endocrinology 1
Anne M. Doherty and Seán F. Dinneen</p> <p>2 Depression across Endocrine Disorders 7
Anne M. Doherty and Seán F. Dinneen</p> <p>3 Antipsychotic Medications and Metabolic Syndrome 19
Aoife M. Egan and Anne M. Doherty</p> <p>4 'Diabulimia', Diabetes and Eating Disorders 31
Anne M. Doherty, Aoife M. Egan and Seán F. Dinneen</p> <p>5 Disorders of the Hypothalamic–Pituitary–Adrenal Axis: Cushing's Syndrome and Beyond 43
Aoife M. Egan and Anne M. Doherty</p> <p>6 Disorders of the Thyroid and Parathyroid 56
Aoife M. Egan and Diana S. Dean</p> <p>7 Psychological Factors Impacting on Endocrine Disorders and Self-Management and Medication-Taking Behaviour 68
Eimear Morrissey, Seán F. Dinneen and Anne M. Doherty</p> | <p>8 Cognitive Impairment and Endocrine Conditions 81
Anne M. Doherty and Seán F. Dinneen</p> <p>9 Suicidal Ideation and Self-Harm 95
Anne M. Doherty and Seán F. Dinneen</p> <p>10 Obesity and Mental Health 106
Aoife M. Egan</p> <p>11 Gender Incongruence: Key Considerations in Transitioning 116
Anne M. Doherty and Todd B. Nippoldt</p> <p>12 Anti-androgens in Forensic Psychiatric Settings 127
Mary Davoren</p> <p>13 Service- and Setting-Related Challenges: Residential Care and Inpatient Settings 137
Anne M. Doherty and Seán F. Dinneen</p> |
|---|---|
-
- Index* 147

Contributors

Mary Davoren: Consultant Forensic Psychiatrist, Central Mental Hospital; Senior Lecturer in Psychiatry, Trinity College Dublin.

Prior to her appointment to the Central Mental Hospital, Dundrum, in 2019, Dr Mary Davoren was a consultant forensic psychiatrist in Broadmoor Hospital, the high secure facility for Greater London and the south of England, where she was the High Secure Research Lead, the Responsible Clinician on the Broadmoor Personality Disorder Pathway and an academic coordinator for the Broadmoor Seminar Conference Series. Prior to that appointment, she completed an Academic Clinical Fellowship at the Violence Prevention Research Unit, Queen Mary University of London, an affiliated centre of the World Health Organization (WHO) Violence Prevention Alliance, and an MD in research at Trinity College Dublin. Her main research interests include the systematic use of routine outcome measures in secure forensic mental health settings and the physical health of patients in secure forensic hospitals and prisons.

Diana S. Dean: Consultant and Associate Professor of Medicine, Division of Endocrinology and Metabolism at Mayo Clinic.

Dr Diana S. Dean attended the University of the South in Sewanee, Tennessee, where she graduated cum laude with a BA degree in biology. She received her MD degree from the University of Alabama School of Medicine in Birmingham, Alabama. She pursued training in internal medicine and endocrinology at Mayo Clinic and became a member of the faculty in 2002. Her main clinical interests include benign and malignant disorders of the thyroid gland

and ultrasound-guided fine-needle aspiration of thyroid nodules. Dr Dean combines her clinical interests with a strong passion for education and speaking.

Seán F. Dinneen: Consultant Endocrinologist, Galway University Hospitals; Professor of Diabetic Medicine, School of Medicine, National University of Ireland Galway; National Lead, Diabetes Clinical Programme (Ireland).

Professor Seán F. Dinneen graduated from University College Cork Medical School. After postgraduate training and work in the USA (Mayo Clinic), Canada (McMaster University) and the UK (Addenbrooke's Hospital), he returned to Ireland as an academic endocrinologist. He served as head of the School of Medicine from 2013 to 2016. In 2016, he was appointed National Lead for the Diabetes Clinical Programme (Ireland). His interests include self-management education and support for people living with diabetes, developing community-based diabetes care and the diabetic foot. He is a regional editor for *Diabetic Medicine* and Clinical Lead for Schwartz Rounds in Galway University Hospitals.

Anne M. Doherty: Associate Professor of Psychiatry, University College Dublin; Consultant Liaison Psychiatrist, Mater Misericordiae University Hospital Dublin; Chair Faculty of Liaison Psychiatry, College of Psychiatrists of Ireland.

Prior to her 2020 appointment to University College Dublin, Dr Anne M. Doherty was a consultant in liaison psychiatry at Galway University Hospitals. From 2012 to 2016, she was a consultant liaison psychiatrist at King's College

Hospital, London, leading the 3 Dimensions of Care for Diabetes service, an award-winning (BMJ Team of the Year Award 2014, NHS Innovation Challenge Prize 2015) multidisciplinary team for people with poorly controlled diabetes. She contributed to the Joint British Diabetes Societies for Inpatient Care (JBDS-IP) and Royal College of Psychiatrists (RCPsych) Guidelines on Management of Diabetes in Adults and Children with Psychiatric Disorders (2017). Her research interests include adjustment disorders in acute hospitals (the subject of her research MD), suicidality and the interface between psychiatry and other medical conditions.

Aoife M. Egan: Consultant and Assistant Professor of Medicine, Division of Endocrinology and Metabolism at Mayo Clinic.

Dr Aoife M. Egan graduated from the School of Medicine at the National University of Ireland Galway (MB BCh BAO). She then completed training in general internal medicine followed by speciality training in endocrinology, which incorporated a PhD in medicine. Dr Egan subsequently pursued further fellowship training at Mayo Clinic and was appointed to her current position in 2020. Her research interests include the pathophysiology and management of pre-gestational and gestational diabetes and the long-term risk of type 2 diabetes in women with gestational diabetes.

Eimear Morrissey: Health Psychologist and Postdoctoral Researcher, National University of Ireland Galway.

Dr Eimear Morrissey graduated from the National University of Ireland Galway in

2018 with a PhD in health psychology. She is currently managing 'D1 Now', a research project that aims to develop an intervention to support the self-management of young adults living with type 1 diabetes. She has more than 20 publications, including journal articles, book chapters and policy briefs. She is actively involved in the wider health psychology community, having served as the treasurer for CREATE (an early career research network within the European Health Psychology Society) for two years, and she is currently Public Relations Officer of the Psychological Society of Ireland Division of Health Psychology. Dr Morrissey's research interests include the self-management of chronic disease, treatment adherence, digital interventions and behaviour change science.

Todd B. Nippoldt: Consultant Endocrinologist and Associate Professor of Medicine, Division of Endocrinology and Metabolism at Mayo Clinic.

Dr Todd B. Nippoldt attended the Institute of Technology, University of Minnesota, where he graduated with a BMEchE degree (mechanical engineering). He received his MD degree from the Mayo Clinic Alix School of Medicine in 1982. He pursued training in internal medicine and endocrinology at Mayo Clinic and completed a fellowship in Endocrinology and Metabolism at the University of Michigan in 1988. His main clinical and research interests include transgender health, reproductive endocrinology and pituitary disorders. He is Medical Director at Mayo Clinic's Transgender Intersex Specialty Care Clinic.

Cambridge University Press
978-1-911-62361-8 — Mental Health, Diabetes and Endocrinology
Edited by Anne M. Doherty , Aoife M. Egan , Sean Dinneen
Frontmatter
[More Information](#)

Preface

We were inspired to write this book by our experience in clinical practice and the specific challenges of managing comorbid mental disorders and endocrine conditions, and in recognition of the impact that stress, distress and mental illness can have on the management of physical illness, especially in endocrinology.

Mental Health, Diabetes and Endocrinology will examine key clinical areas of overlap between the two specialities, studying the main topics of interest and common challenges. It is written for clinicians and will draw together the most relevant developments from the literature and clinical practice. This book will pay specific attention to the main areas where clinical conundrums and treatment challenges arise across endocrinology, psychiatry and primary care. Common challenges in this area include depression, which can impact on a person's ability to self-care and adhere to treatment, with consequences for their morbidity and mortality; 'diabulimia', or comorbid diabetes and eating disorder, which is associated with high mortality rates; obesity and associated mental disorders; cognitive impairment and mental capacity; antipsychotic medications and their endocrine and metabolic sequelae; and specific setting-related concerns.

We hope that *Mental Health, Diabetes and Endocrinology* will be a useful resource regarding overlapping conditions across the specialities and a valuable reference for all healthcare professionals who encounter these issues.

We considered taking a more traditional approach to this book by systematically proceeding through each of the major endocrine disorders and addressing the common psychiatric comorbidities. However, it seemed more useful to focus on those areas that are associated with the most complex clinical scenarios. We hope that this approach will prove useful to readers regarding the common conundrums that arise in clinical practice.

Cambridge University Press

978-1-911-62361-8 — Mental Health, Diabetes and Endocrinology

Edited by Anne M. Doherty , Aoife M. Egan , Sean Dinneen

Frontmatter

[More Information](#)
