

Cambridge University Press & Assessment 978-1-009-27985-7 — Caring for the Female Cancer Patient Edited by Laurie J. Mckenzie , Denise R. Nebgen Frontmatter

<u>More Information</u>

Caring for the Female Cancer Patient-Gynecologic Considerations



Cambridge University Press & Assessment 978-1-009-27985-7 — Caring for the Female Cancer Patient Edited by Laurie J. Mckenzie , Denise R. Nebgen Frontmatter More Information

Caring for the Female Cancer Patient - Gynecologic Considerations

Edited by

Laurie J. McKenzie, M.D.

University of Texas MD Anderson Cancer Center

Denise R. Nebgen, M.D., Ph.D.

University of Texas MD Anderson Cancer Center





Cambridge University Press & Assessment 978-1-009-27985-7 — Caring for the Female Cancer Patient Edited by Laurie J. Mckenzie, Denise R. Nebgen Frontmatter More Information



Shaftesbury Road, Cambridge CB2 8EA, 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 Cambridge University Press & Assessment, a department of the University of Cambridge.

We share the University's mission to contribute to society through the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781009279857

DOI: 10.1017/9781009279864

© Cambridge University Press & Assessment 2024

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 & Assessment.

When citing this work, please include a reference to the DOI 10.1017/9781009279864

First published 2024

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

A Cataloging-in-Publication data record for this book is available from the Library of Congress

ISBN 978-1-009-27985-7 Paperback

Cambridge University Press & Assessment 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.



Cambridge University Press & Assessment 978-1-009-27985-7 — Caring for the Female Cancer Patient Edited by Laurie J. Mckenzie , Denise R. Nebgen Frontmatter More Information

Contents

List of Contributors vii

- Fertility Assessment and Fertility
 Preservation Options 1
 Anna Claire Reynolds, Terri
 L. Woodard, and Laurie J. McKenzie
- 2 Abnormal Uterine Bleeding 24 Denise R. Nebgen and Dawn Palaszewski
- Hereditary Gynecologic
 Cancer Predisposition
 Syndromes 38
 Molly S. Daniels, Denise R. Nebgen,
 and Neil Ryan
- 4 Managing Sexual Health
 Through Treatment
 and Survivorship 60
 Jessica F. Moore and Kristin
 E. Rojas
- 5 Premature Ovarian Insufficiency 81 Austin B. Gardner and Sukhkamal B. Campbell
- Hormone Therapy

 and Contraception

 Management 93

 Fionán Donohoe, Donal Brennan,
 and Martha Hickey
- Cervical Cancer Screening 107
 Samantha H. Batman, Kathleen
 M. Schmeler, and Mila
 P. Salcedo
- 8 Vulvar Lesions and Eruptions 117 Christina Kraus and Melissa Mauskar

- 9 Nonpregnant and False-Positive Causes of β-hCG Elevation 132 Timothy N. Dunn and Denise R. Nebgen
- 10 **Cancer and Pregnancy** 147 Jenifer Dinis Ballestas
- Survivorship Care of Gynecologic Cancer 179Ana C. Nelson and ThereseB. Bevers
- 12 Anal and Colorectal Cancer 200Emma B. Holliday, Van K. Morris, and Craig Messick
- 13 Bladder Cancer 215 Valentina Grajales, Suzanne Lange and Kelly K. Bree
- 14 **Breast Cancer** 227 Giancarlo Moscol, Melissa Mitchell, and Rosa F. Hwang
- 15 Cervical Cancer 258Mary Katherine Anastasio, AnujaJhingran, and TravisT. Sims
- 16 Endometrial Cancer 271Anuja Jhingran and TravisT. Sims
- 17 Head and NeckCancer 284Caitlin M. Coviello, ErichM. Sturgis, and KristinaR. Dahlstrom



Cambridge University Press & Assessment 978-1-009-27985-7 — Caring for the Female Cancer Patient Edited by Laurie J. Mckenzie , Denise R. Nebgen Frontmatter

<u>More Information</u>

Contents

- 18 Leukemia: Acute and Chronic 304Sai Prasad Desikan, Sara Bresser, and Alessandra Ferrajoli
- 19 **Lung Cancer** 331 Maria Azhar, Lara Bashoura, and Saadia A. Faiz
- 20 **Pelvic Mass and Ovarian Cancer** 346

 Mary Katherine Anastasio and Travis T. Sims

- 21 **Thyroid Cancer** 362 Jordana Faruqi, Maryam Tetlay, and Nupur Kikani
- 22 **Vulvar Melanoma** 383 Ana M. Ciurea

Index 394



Cambridge University Press & Assessment 978-1-009-27985-7 — Caring for the Female Cancer Patient Edited by Laurie J. Mckenzie , Denise R. Nebgen Frontmatter More Information

Contributors

Mary Katherine Anastasio, M.D.

Department of Obstetrics and Gynecology, Duke University Medical Center, Durham, NC

Maria Azhar, M.D.

Divisions of Critical Care, Pulmonary and Sleep Medicine, McGovern Medical School at UTHealth, Houston, TX

Lara Bashoura, M.D.

Department of Pulmonary Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX

Samantha H. Batman, M.D., Ph.D.

Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX

Therese B. Bevers, M.D.

Department of Clinical Cancer Prevention, The University of Texas MD Anderson Cancer Center, Houston, TX

Kelly Bree, M.D.

Department of Urology, The University of Texas MD Anderson Cancer Center, Houston, TX

Donal Brennan, Ph.D.

UCD Gynaecological Oncology Group (UCD-GOG), School of Medicine, Mater Misericordiae University Hospital Group, Ireland

Sara Bresser, PA

Department of Leukemia, The University of Texas MD Anderson Cancer Center, Houston, TX

Sukhkamal B. Campbell, M.D.

Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, University of Alabama at Birmingham, Birmingham, AL

Ana Ciurea, M.D.

Department of Dermatology, Division of Internal Medicine, M. D. Anderson Cancer Center, Houston, TX

Caitlin M. Coviello, M.D., M.B.A.

Department of Otolaryngology-Head and Neck Surgery, Baylor College of Medicine, Houston, TX

Molly S. Daniels, M.S.

Department of Gynecologic Oncology and Reproductive Medicine, University of Texas MD Anderson Cancer Center, Houston, TX

Kristina R. Dahlstrom, Ph.D.

Section of Epidemiology and Population Sciences, Department of Medicine, Baylor College of Medicine, Houston, TX

Sai Prasad Desikan, M.D.

Department of Leukemia, The University of Texas MD Anderson Cancer Center, Houston, TX

Jenifer Dinis Ballestas, M.D.

Department of Obstetrics and Gynecology, Baylor College of Medicine - Texas Children's Hospital, Pavilion for Women, Houston, TX

Fionán Donohoe, MB BCh

UCD Gynaecological Oncology Group (UCD-GOG), School of Medicine, Mater Misericordiae University Hospital Group, Ireland



Cambridge University Press & Assessment 978-1-009-27985-7 — Caring for the Female Cancer Patient Edited by Laurie J. Mckenzie, Denise R. Nebgen Frontmatter More Information

List of Contributors

Timothy Dunn, M.D.

Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, Baylor College of Medicine, Houston, TX

Saadia A. Faiz, M.D.

Department of Pulmonary Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX

Jordana Faruqi, M.D., M.P.H.

Division of Diabetes, Endocrinology, and Metabolism, Baylor College of Medicine, Houston, TX

Alessandra Ferrajoli, M.D.

Department of Leukemia, The University of Texas MD Anderson Cancer Center, Houston, TX

Austin B. Gardner, M.D.

Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility University of Alabama at Birmingham, Birmingham, AL

Valentina Grajales, M.D.

Department of Urology, The University of Texas MD Anderson Cancer Center, Houston, TX

Martha Hickey, Ph.D.

Department of Obstetrics and Gynaecology, University of Melbourne and the Royal Women's Hospital, Melbourne, Australia

Emma B. Holliday, M.D.

Department of Gastrointestinal Radiation Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

Rosa F. Hwang, M.D.

Department of Breast Surgical Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

Anuja Jhingran, M.D.

Department of Radiation Oncology, The University of Texas M. D. Anderson Cancer Center, Houston, TX

Nupur Kikani, M.D.

Department of Endocrine Neoplasia and Hormonal Disorders, University of Texas MD Anderson Cancer Center, Houston, TX

Christina Kraus, M.D.

Department of Dermatology, University of California, Irvine, CA

Suzanne Lange, M.D.

Department of Urology, The University of Texas MD Anderson Cancer Center, Houston, TX

Melissa Mauskar, M.D.

Department of Dermatology and Obstetrics and Gynecology, University of Texas Southwestern Medical School, Dallas, TX

Laurie J. McKenzie, M.D.

Division of Reproductive Endocrinology and Infertility, Baylor College of Medicine, Department of Gynecologic Oncology and Reproductive Medicine, University of Texas MD Anderson Cancer Center, Houston, TX

Craig Messick, M.D.

Department of Colon and Rectal Surgery, The University of Texas MD Anderson Cancer Center, Houston, TX

Melissa Mitchell, M.D., Ph.D.

Department of Breast Radiation Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

Jessica F. Moore, M.D.

The University of Miami Department of Obstetrics, Gynecology & Reproductive Science, Coral Gables, FL



Cambridge University Press & Assessment 978-1-009-27985-7 — Caring for the Female Cancer Patient Edited by Laurie J. Mckenzie, Denise R. Nebgen Frontmatter More Information

List of Contributors

Van Morris, M.D.

Department of Gastrointestinal Medical Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

Giancarlo Moscol, M.D.

Department of General Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

Denise R. Nebgen, M.D., Ph.D.

Department of Gynecologic Oncology and Reproductive Medicine, University of Texas MD Anderson Cancer Center, Houston, TX

Anna C. Nelson, APRN FNP-BC

Department of Clinical Cancer Prevention, The University of Texas MD Anderson Cancer Center, Houston, TX

Dawn Palaszewski, M.D.

Department of Obstetrics and Gynecology University of South Florida, Morsani College of Medicine, Tampa, FL

Anna Claire Reynolds, M.D.

Division of Reproductive Endocrinology and Infertility, Baylor College of Medicine, Houston, TX

Kristin E. Rojas, M.D.

Division of Surgical Oncology, The University of Miami Sylvester Comprehensive Cancer Center, Coral Gables, FL

Neil Ryan, MBChB, Ph.D.

Department of Gynaecology Oncology, Royal Infirmary of Edinburgh and The University of Edinburgh, Edinburgh, Scotland

Mila P. Salcedo, M.D., Ph.D.

Department of Gynecologic Oncology and Reproductive Medicine, University of Texas MD Anderson Cancer Center, Houston, TX

Kathleen M. Schmeler, M.D.

Department of Gynecologic Oncology and Reproductive Medicine, University of Texas MD Anderson Cancer Center, Houston, TX

Travis T. Sims, M.D., Ph.D.

Department of Gynecologic Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

Erich M. Sturgis, M.D., M.P.H.

Department of Otolaryngology-Head and Neck Surgery, Baylor College of Medicine, Houston, TX

Maryam Tetlay, M.D.

Division of Diabetes, Endocrinology, and Metabolism, Baylor College of Medicine, Houston, TX

Terri L. Woodard, M.D.

Division of Reproductive Endocrinology and Infertility, Baylor College of Medicine, Houston Texas, Department of Gynecologic Oncology and Reproductive Medicine, University of Texas MD Anderson Cancer Center, Houston, TX