
Cancer Treatment and Research

Volume 173

Series editor

Steven T. Rosen, Duarte, CA, USA

More information about this series at <http://www.springer.com/series/5808>

William J. Gradishar
Editor

Optimizing Breast Cancer Management

Editor
William J. Gradishar
Robert H. Lurie Comprehensive Cancer
Center
Northwestern University Feinberg School
of Medicine
Chicago, IL
USA

ISSN 0927-3042 ISSN 2509-8497 (electronic)
Cancer Treatment and Research
ISBN 978-3-319-70195-0 ISBN 978-3-319-70197-4 (eBook)
<https://doi.org/10.1007/978-3-319-70197-4>

Library of Congress Control Number: 2017957660

© Springer International Publishing AG 2018

This work is subject to copyright. All rights are reserved by the Publisher, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in any other physical way, and transmission or information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now known or hereafter developed.

The use of general descriptive names, registered names, trademarks, service marks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

The publisher, the authors and the editors are safe to assume that the advice and information in this book are believed to be true and accurate at the date of publication. Neither the publisher nor the authors or the editors give a warranty, express or implied, with respect to the material contained herein or for any errors or omissions that may have been made. The publisher remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Printed on acid-free paper

This Springer imprint is published by Springer Nature
The registered company is Springer International Publishing AG
The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

Contents

1	Strategies to Maintain Fertility in Young Breast Cancer Patients	1
	Elizabeth S. Constance, Molly B. Moravek and Jacqueline S. Jeruss	
2	Adjuvant Endocrine Therapy	15
	Rena Shah and Ruth M. O'Regan	
3	Breast Cancer Screening: The Debate that Never Ends	31
	Sarah M. Friedewald	
4	Management of the Axilla in Early Breast Cancer	39
	Monica G. Valero and Mehra Golshan	
5	Is DCIS Overrated?	53
	Joshua Feinberg, Rachel Wetstone, Dana Greenstein and Patrick Borgen	
6	Readdressing the Role of Surgery of the Primary Tumor in de Novo Stage IV Breast Cancer	73
	Seema Ahsan Khan and Elizabeth S. M. DesJardin	
7	Advancements and Personalization of Breast Cancer Treatment Strategies in Radiation Therapy	89
	Meena S. Moran	
8	Multi-gene Panel Testing in Breast Cancer Management	121
	Christos Fountzilas and Virginia G. Kaklamani	
9	Advances in Endocrine Therapy for Postmenopausal Metastatic Breast Cancer	141
	Lisa E. Flaum and William J. Gradishar	
10	Immune Checkpoint Blockade for Breast Cancer	155
	April Swoboda and Rita Nanda	
11	Sexual Function Post-Breast Cancer	167
	Lauren Streicher and James A. Simon	