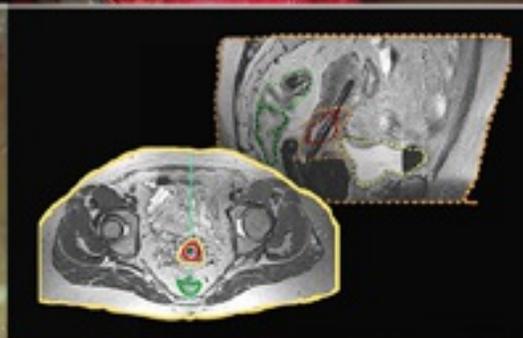
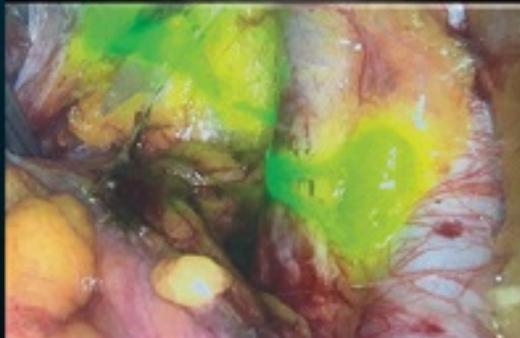
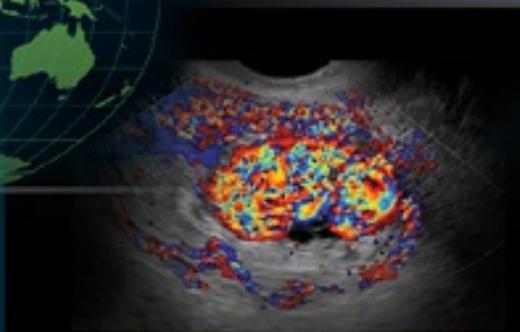


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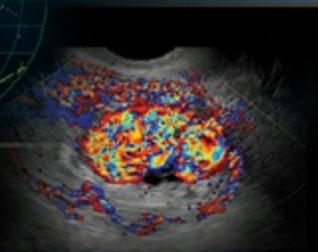
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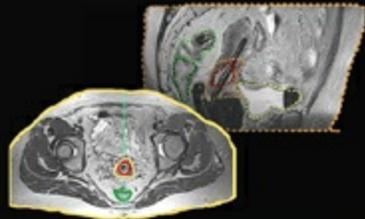
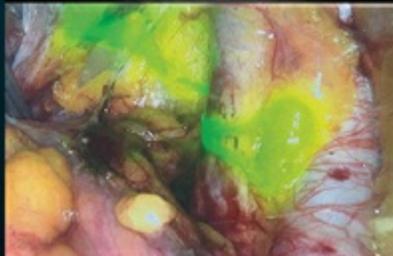


# PRINCIPLES AND PRACTICE OF GYNECOLOGIC ONCOLOGY

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# Dedication

This book is dedicated to our families: Hae-Young Chi and children Jessica, Stephanie, and Andrew Chi; Amy Berchuck and children Samuel, Jacob, and Benjamin Berchuck; Henry Stoll and children Isabelle, Harrison, and Sophia Dizon-Stoll; Arnold Yashar and children William, Jacob, and Drew Yashar. Their patience, good humor, encouragement, and love have inspired us throughout our careers. In this regard, they have each made significant contributions to this book.

We would also like to express our gratitude to our own esteemed professors who guided and mentored us, and to all of the colleagues we have worked alongside, learned from, and taught over the years. The Gynecologic Oncology community that the readers of this book belong to is dedicated to the advancement of knowledge in the field and its application to outstanding patient care. The considerable progress we have achieved together in the understanding, diagnosis, treatment, and prevention of these cancers is presented in this book. On behalf of the Gynecologic Oncology community, we dedicate this edition of *Principles and Practice of Gynecologic Oncology* to the brave and courageous patients we all serve, and take inspiration in the oath we all share.

## HIPPOCRATIC OATH

I swear to fulfill, to the best of my ability and judgment, this covenant:

- I will respect the hard-won scientific gains of those physicians in whose steps I walk, and gladly share such knowledge as is mine with those who are to follow.
- I will apply, for the benefit of the sick, all measures which are required, avoiding those twin traps of overtreatment and therapeutic nihilism.
- I will remember that there is art to medicine as well as science, and that warmth, sympathy, and understanding may outweigh the surgeon's knife or the chemist's drug.
- I will not be ashamed to say "I know not," nor will I fail to call in my colleagues when the skills of another are needed for a patient's recovery.
- I will respect the privacy of my patients, for their problems are not disclosed to me that the world may know. Most especially must I tread with care in matters of life and death. Above all, I must not play at God.
- I will remember that I do not treat a fever chart, a cancerous growth, but a sick human being, whose illness may

affect the person's family and economic stability. My responsibility includes these related problems, if I am to care adequately for the sick.

- I will prevent disease whenever I can, for prevention is preferable to cure.
- I will remember that I remain a member of society, with special obligations to all my fellow human beings, those sound of mind and body as well as the infirm.
- If I do not violate this oath, may I enjoy life and art, respected while I live and remembered with affection thereafter. May I always act so as to preserve the finest traditions of my calling and may I long experience the joy of healing those who seek my help.

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\*The opinions and assertions herein are the private views of the authors and do not purport to reflect the US FDA, Department OF HHS, or any other part of the US Government. This work was not prepared as part of Dr. Seidman' s official duties in the US FDA.

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Video 22 Excision of tumor along ligamentum teres



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# Preface

The publication in 2017 of the 7th edition of *Principles and Practice of Gynecologic Oncology* marks the 25th anniversary of the creation of this textbook. The founding editors, William J. Hoskins, Carlos A. Perez, and Robert C. Young, represented the disciplines of Gynecologic Oncology, Radiation Oncology, and Medical Oncology. They created the first multidisciplinary textbook in the field and, in their words, “strove to produce a definitive reference written at the expert level.” The focus on multidisciplinary approaches to treatment and a detailed presentation of the literature on which clinical care is based continues to be a guiding principle.

The second set of editors, Richard R. Barakat, Maurie Markman, and Marcus Randall, also represented Gynecologic, Medical, and Radiation Oncology. Over the course of several editions, they incorporated new chapters that reflected dramatic progress in the understanding and treatment of women’s cancers. Simultaneously, advances in technology facilitated the use of full color throughout the book as well as increasingly user-friendly online versions that allow access to cutting-edge information at the point of care.

As the new editors of *Principles and Practice of Gynecologic Oncology*, we owe a debt of gratitude to our predecessors. We are proud to continue their tradition of bringing together multidisciplinary expertise that also includes Pathology colleagues. Given the pace of discovery and change within the field, we strove to ensure that this new edition reflects the many advances in the field. To this end, this edition includes an updated chapter on pharmacology of gynecologic cancers and a new chapter on targeted therapies. Several approaches have been developed with collaboration and support from the publisher that will enhance the value of this book for practitioners, researchers, and students.

We are increasingly becoming a single worldwide Gynecologic Oncology community. In recognition of this reality, the most significant change in the 7th edition is an enhanced global focus. This is in dramatic contrast to 25 years ago when this textbook was essentially intended to reflect the standard of care and ongoing advancement of knowledge in the developed world. Today, developed nations have embraced global efforts to eradicate health care disparities. The greatest challenge in Gynecologic Oncology globally is the lack of infrastructure for cervical cancer screening and prevention in resource-poor countries. This results in the deaths of hundreds of thousands of women annually, many of which could be prevented. Treatment of gynecologic cancers also continues to be suboptimal in many of these countries owing to lack of resources and trained personnel, and this leads to unacceptably low cure rates. In the new edition of *Principles and Practice of Gynecologic Oncology*, we invited more international experts as authors of chapters to provide their perspectives on patterns of incidence, mortality, and treatment worldwide. We also established an International Editorial Board that was charged with providing commentary on similarities and differences in management between different countries.

We have given considerable thought to the issue of how best to maintain the relevance of the book between printed editions in an era of instant access to new information on the Internet. Solutions include smartphone access to the content of the textbook with enhanced search capabilities, as well as more frequent online updates as new studies are reported. We also now include online access to a new library of surgical videos to ensure that surgical techniques are not only read, but visualized.

It is our hope that the global focus of the 7th edition will enhance the impact of this textbook by bringing a synthesis of existing knowledge and standards of practice to the entire world. All of those involved in producing this edition are united with its readers in a shared mission to cure and eradicate gynecologic cancers worldwide.

*Dennis S. Chi, MD*  
*Andrew Berchuck, MD*  
*Catheryn Yashar, MD*  
*Don S. Dizon, MD, FACP*

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