

The Key To Prostate Cancer 30 Experts Explain 15 Stages Of Prostate Cancer

This volume focuses on our current understanding of the molecular underpinnings of prostate cancer and their potential application for precision medicine approaches. The emergence and applications of new technologies has allowed for a rapid expansion of our understanding of the molecular basis of prostate cancer and has revealed a remarkable genetic heterogeneity that may underlie the clinically variable behavior of the disease. The book consists of five sections which provide insight about the following: (1) General principles; (2) Molecular signatures of primary prostate cancer; (3) Molecular signatures of advanced prostate cancer; (4) Key molecular pathways in prostate cancer development and progression; (5) and Precision medicine approach: Diagnosis, treatment, prognosis. Precision Molecular Pathology of Prostate Cancer is an important resource for the practicing oncologist, urologist, and pathologist, and will also be useful for researchers in the prostate cancer community.

In Canada, one man in seven risks developing prostate cancer. It is the most frequently diagnosed cancer in men and its incidence has increased by 30 percent since 1988. While most commonly diagnosed after age 70, prostate cancer can also occur in men in their forties and fifties. Like other forms of cancer, this disease affects not only the patient but also his family. At the time of diagnosis, there are many questions that need to be answered. This book provides a simple, concise, practical guide to help patients understand prostate cancer. Now in its third edition, it has, over the years, become an indispensable reference work. It is an outstanding source of information on the prevention and causes of prostate cancer, its early diagnosis and the treatment options available, including their side effects and complications.

The Johns Hopkins Patients Guide to Prostate Cancer is a concise, easy-to-follow how to guide that puts you on a path to wellness by explaining prostate cancer treatments from start to finish. It guides you through the overwhelming maze of treatment decisions, simplifies the complicated schedule that lies ahead, and provides valuable tools to help you to put together your plan of care. Empower yourself with accurate, understandable information that will give you the ability to confidently participate in the decision making about your care and treatment."

Looks at the effectiveness of the prostatectomy and surveys the latest research in prostate cancer management.

Dr. Larry Clapp was diagnosed with prostate cancer in 1990. Given the limited options of surgery and radiation, he began intensive research into self-healing alternatives and developed a treatment for prostate cancer, which he successfully used to cure himself. Today, cancer-free, he continues his research while helping others using nutrition, massage, herbs, homeopathy, and other alternatives.

Androgens and androgen receptors (AR) play critical roles in the development and progression of prostate cancer, the most frequently diagnosed cancer and second leading cause of cancer death in US males. AR is an androgen-dependent DNA-binding transcription factor that regulates the expression of androgen-responsive genes. Identification and characterization of androgen-responsive genes provide insights into the cellular mechanisms of androgen action and may lead to new approaches in diagnosis,

prognosis, prevention and/or treatment of prostate cancer. This volume provides critical information from well respected experts in the field. Some of the exciting topics include the new understanding of mechanisms underlining the regulation of androgen-responsive gene expression, and functions of various androgen-responsive genes in biological processes essential in carcinogenesis including cell growth, angiogenesis, and epithelial-to-mesenchyme transition (EMT). Other important aspects addressed are the current and potential clinic applications of knowledge on androgen-responsive gene regulation and function. This book is intended for researchers, scientists, faculty, and advanced graduate students with an interest in androgen action and prostate cancer.?

This book offers a comprehensive evaluation of the use of stereotactic body radiosurgery (SBRT) for the treatment of prostate cancer. The rationale, selection criteria, and treatment planning for prostate SBRT are explained. Important imaging and anatomic considerations are discussed, and detailed consideration devoted to organ motion and tumor tracking during SBRT. Outcomes of therapy are then examined, with thorough appraisal of side effect profiles and quality of life impacts. Clear guidance is provided on how to deliver the therapy in a way that minimizes the risk of long-term urinary and rectal toxicities. Stereotactic radiosurgery for prostate cancer is an increasingly used form of treatment. Retrospective investigations have demonstrated the safe application of high-dose treatments, with 5-year results comparable to those achieved with protracted external beam radiotherapy. Prospective studies are underway comparing SBRT with more traditional forms of image-guided and intensity-modulated radiotherapy. In offering in-depth guidance on safe delivery of prostate SBRT, this book will be of value for students of radiation oncology, more experienced practitioners, and medical physicists.

This volume brings together the key research issues in clinical and laboratory science relating to metastasis in prostate cancer. It is especially suitable for those in the field, whether physicians and/or scientists, and whether in active research or in training, who wish to broaden their understanding, with regard to their own discipline, and also to another. It is also a resource for those whose research is in metastasis, but in diseases other than prostate cancer. The intention of this volume is to help to empower those who seek to further exploit the potential for translational research in this field. Written by a team of internationally recognised experts, the scope ranges from the most fundamental aspects of the molecular biology of metastasis, to the patient in the clinic. The therapeutic approaches range from conventional drug design to immunogene therapy. Prostate cancer is an area of intense research effort, and this book provides a window on contemporary research in this important area.

The task of choosing the right prostate cancer treatment is daunting. It is further complicated by conflicting information the patient receives from physicians and the Internet. This book is written by a prostate cancer survivor who now runs an international prostate cancer support group. It's about his journey and the important things he learned along the way. It is the book the author wishes had been available when he was diagnosed 6 years ago. It is intended to provide specific information for men who are at risk or have been recently diagnosed with prostate cancer. All major treatment options are

examined and the pros and cons of each are summarized. A relatively new, non-invasive, highly effective treatment is highlighted. It is an option that cures cancer as well as any other option, but generally leaves the patient with a higher quality of life and fewer, if any, side effects. This book has been endorsed by several physicians as well as other highly respected people from all walks of life.

The European School of Oncology came into existence to respond to a need for information, education and training in the field of the diagnosis and treatment of cancer. There are two main reasons :o/hy such an initiative was considered necessary. Firstly, the teaching of oncology requires a rigorously multidisciplinary approach which is difficult for the Universities to put into practice since their system is mainly disciplinary orientated. Secondly, the rate of technological development that impinges on the diagnosis and treatment of cancer has been so rapid that it is not an easy task for medical faculties to adapt their curricula flexibly. With its residential courses for organ pathologies and the seminars on new techniques (laser, monoclonal antibodies, imaging techniques etc.) or on the principal therapeutic controversies (conservative or mutilating surgery, primary or adjuvant chemotherapy, radiotherapy alone or integrated), it is the ambition of the European School of Oncology to fill a cultural and scientific gap and, thereby, create a bridge between the University and Industry and between these two and daily medical practice. One of the more recent initiatives of ESO has been the institution of permanent study groups, also called task forces, where a limited number of leading experts are invited to meet once a year with the aim of defining the state of the art and possibly reaching a consensus on future developments in specific fields of oncology.

? Primer on Prostate Cancer will provide readers with a thorough introductory review on prostate cancer, treatment guidelines, and emerging therapies available for the disease. The book was originally commissioned due to recent developments in therapies for prostate cancer. This concise pocket book will review prostate cancer's epidemiology, clinical features, diagnosis, and medical management (discussing surgery, radiotherapy, hormone therapy, chemotherapy, bone-targeting therapy, and more). Busy healthcare professionals will benefit from this text, which will not only cover the basics of prostate cancer, but discuss up-to-date national and international treatment guidelines and upcoming therapies.

Hearing that you have prostate cancer, or even that you may have it, is very scary. But this disease, in many cases, is curable. Even if you have advanced cancer that's spread beyond the prostate, many treatments help extend your life for years. You need good information to help you with the decisions that lie ahead, and this book provides you with this information. Prostate Cancer For Dummies can help you if You have prostate cancer (or you think that you have it), or someone close to you has it. You want information on treatments for prostate cancer as you form a treatment plan with

your doctor. You are curious about alternative therapies for prostate cancer. You want to know what actions you can take over the long-term to continue to fight your prostate cancer. Prostate Cancer For Dummies explains the key issues and problems that are associated with prostate cancer, and assures you that although the initial impact of being diagnosed is devastating, you can take action to extend your life. You don't have to read this book from the first page straight on through, although you can. You may want to read the first chapter and then move to the chapters that affect you the most. In Prostate Cancer For Dummies, you'll gain insight into Discovering the key symptoms of prostate cancer Recognizing the risk factors, and who's most likely to have prostate cancer Getting a diagnosis, and what's involved Getting well again, and how you can work with your doctor to come up with a plan to cope with your cancer Changing your lifestyle to decrease your risk of a recurrence Coping with the aftermath, from temporary to permanent side effects Handling work and family, and how to help others understand what you're going through It's extremely hard to hear from your doctor that you or a loved one has prostate cancer. But after you recover from the initial shock of diagnosis, you need to educate yourself, and, with the help of your physician, make a plan for getting the best treatment possible. Prostate Cancer For Dummies will help you achieve these goals and encourage you to maintain your commitment to managing your health.

The Key to Prostate Cancer 30 Experts Explain 15 Stages of Prostate Cancer

This is the tenth edition of this Fast Facts handbook since the first was published in 1996 – the many iterations are testament to the rapid changes in the field and steadily improving outlook for patients. This new edition introduces the Gleason grade grouping (Chapter 1), which has important prognostic value, and nomograms that are used to evaluate risk (Chapter 3). Our understanding of the genetics and underlying pathogenesis of prostate cancer is growing apace, leading to the identification of germline mutations and the development of genomic tests to help identify and direct therapy for those at greatest risk of developing clinically significant disease. They also provide reassurance for those patients who have opted for active surveillance (Chapters 3 and 5). Imaging techniques are also improving rapidly, particularly multiparametric MRI (Chapter 4). As this book is concise, fully up to date and evidence based, we believe it is an ideal resource for those general urologists, primary care providers, specialist nurses, trainees and allied healthcare professionals who want to get quickly up to speed in this fast-moving and ever-expanding field. Contents: • Epidemiology and pathophysiology • Diet, lifestyle and chemoprevention • Screening and early detection • Diagnosis, staging and prognostic indicators • Management of clinically localized disease • Managing recurrence after initial therapy • Managing metastatic hormone-sensitive prostate cancer • Management of castrate-resistant prostate cancer • Survivorship and management of treatment-related side effects and complications

Diagnosed with cancerous prostate tumors, a broke, unemployed animation writer focuses on the humorous as he struggles to comprehend his carcinoma, select between surgery and radiation, and land a new health care provider all in less than two months. A hilarious, rollicking autobiography, author JP Mac chronicles bureaucratic bumbles, medical complications and a difficult post-treatment future. A funny, pull-no-punches memoir, this short hopeful essay is a perfect read for guys and their families facing the number one cancer among men.

100 Questions & Answers About Prostate Cancer provides authoritative and practical answers to the most common questions asked by patients and their loved ones. Providing both doctor and patient perspectives, this easy-to-read book is a comprehensive guide to the basics of prostate cancer, risk factors and prevention, diagnosis, treatment, survivorship, and life after diagnosis. Written by Dr. Pamela Ellsworth, a prominent urologist and best-selling author, Questions & Answers About Prostate Cancer is an invaluable resource for anyone interested in learning what to expect after being diagnosed with prostate cancer.

It's tough living with a diagnosis of prostate cancer. The side-effects of treatment can be life-long and take a heavy toll on men's mental health. This book will give you practical strategies to manage stress and anxiety, improve health and wellbeing, navigate tough challenges, and to find a sense of ease about the situation in which you find yourself.

Do you manage patients with prostate cancer? Could you use an expert guide examining all possible management options? Prostate Cancer: diagnosis and clinical management provides urologists and oncologists of all levels with up-to-date, evidence-based guidance to the diagnosis, treatment and clinical management of a disease which accounts for a quarter of all cancers affecting men. Designed to be as practical and accessible as possible, leading experts discuss key issues in prostate cancer management and examine how to deliver best practice in the clinical care of their patients.

Topics covered include: What must be considered when counseling newly-diagnosed cancer patients Radical surgery options for prostate cancer Novel therapies for localized prostate cancer How should metastatic prostate cancer be diagnostic and managed What are the best methods of administering end of life care for the patient Brought to you by a highly experienced editor team, and containing key points, management algorithms, practice tips and the latest AUA and EAU clinical guidelines, this is the ideal consultation tool for doctors both on the wards and in the office.

Stereotactic body radiation therapy (SBRT) has emerged as an important innovative treatment for various primary and metastatic cancers. This book provides a comprehensive and up-to-date account of the physical/technological, biological, and clinical aspects of SBRT. It will serve as a detailed resource for this rapidly developing treatment modality. The organ sites covered include lung, liver, spine, pancreas, prostate, adrenal, head and neck, and female reproductive tract.

Retrospective studies and prospective clinical trials on SBRT for various organ sites from around the world are examined,

and toxicities and normal tissue constraints are discussed. This book features unique insights from world-renowned experts in SBRT from North America, Asia, and Europe. It will be necessary reading for radiation oncologists, radiation oncology residents and fellows, medical physicists, medical physics residents, medical oncologists, surgical oncologists, and cancer scientists.

Prostate Cancer gives readers new access to leading-edge medical information about prostate cancer, its diagnosis and treatment, how to cope with this diseases - and heal from it. This book provides a pathway fro met diagnosed with prostate cancer, so they can find the right treatment option for them, their condition and their lifestyle. Written by a doctor-patient team, Prostate Cancer empowers readers with the information they need in order to have smart conversations with their doctors and ask the right questions. Each chapter presents a manageable amount of information and contains a patient story, a doctor story and a Toolbox section where readers can go to better understand their medical numbers, medical options and next steps.

PROSTATE CANCER 20/20 is a streamlined guide to understanding prostate cancer and its management options to enable the newly-diagnosed patient to make an informed choice. Advances in prostate cancer are reviewed: screening and diagnostic testing refinements; preventive measures; advanced imaging techniques; genetic/genomic testing; active surveillance; technical progress in surgical, radiation and focal therapies; new medications for advanced prostate cancer. In-depth information is provided on sexual and urinary complications of treatments and how they are managed. This book is intended for: · Newly diagnosed patients · Patients who have failed primary treatments · Patients with urinary and sexual side effects · Family members

"Prostate Cancer" - Two Words That Men Dread. Prostate cancer is one of the key men's health issues of our times because of the growing prevalence of this health crisis. Prostate prevention is the best way of keeping prostate cancer away. Why? Because prevention works once you understand prostate cancer causes and eliminate those factors from your daily diet. Unfortunately, too much conflicting health information and too many diet recommendations may not serve you well in the end. Stop red meat and dairy? Eat soy instead or not? Margarine better than butter? Low fat diet best? Vegan raw food diet best? Paleo diet? How in the world to make sense of such eminent claims and "scientific" studies? This book will show you how to create your optimum prostate diet. No theories, no diet dictates. Just real common sense once you understand the true story of food today. Ronald M. Bazar, author of the groundbreaking book Healthy Prostate: The Extensive Guide to Prevent and Heal Prostate Problems Including Prostate Cancer, BPH Enlarged Prostate and Prostatitis, wrote this new book to cut through the diet maze and steer you in the right direction. He addresses the causes of prostate disease and prostate cancer in particular so you can easily understand what to avoid

and what to do instead. He shows you how to achieve real prostate health without all the exaggerated claims by the supplement pushers. Your prostate gland is remarkable! Among its many functions, it filters out toxins from your ejaculate. That means the worse you eat, the more toxins that will affect your prostate and the earlier your prostate can show signs of poor health, including prostate cancer. If you change your habits and remove the causes as soon as possible, your prostate—and your sex life—will have a better chance. The Prostate Cancer Prevention Diet clearly lays out the path for men who want to prevent prostate conditions and/or who want to take “watchful waiting” up a few notches. He examines all the pros and cons of different diets with insights to help you determine which foods are best for you in order to have a healthy prostate. His thesis is that no one diet is perfect for everyone because we are all so unique. But why wait until your prostate function is compromised to learn what foods you shouldn't eat and which ones will help you thrive? Prostate prevention is your best protection from prostate cancer. Ronald M. Bazar, a Harvard MBA, walked away from emergency prostate surgery twice to use natural methods to heal his prostate instead. A decade of research and tens of thousands of dollars of self-experimentation are what have made him an expert in men's natural health in general and prostate health in particular. He has written 6 books on prostate issues. He now lives a fulfilling life as a writer and hobby artisan on a remote island, healthier than he has ever been.

Prostate cancer is one of the most common cancers affecting American men, with over 186,000 new cases diagnosed in the United States annually; 1 in 6 men will be diagnosed with prostate cancer during his lifetime. Renowned prostate cancer specialist Sheldon Marks offers the definitive guide for men concerned about or diagnosed with prostate cancer, and for their families. Since the third edition (2003), there have been significant changes in treatment and resources. Working with Dr. Judd Moul, the Chairman of Urology at Duke and one of the world's top experts on prostate cancer, Marks provides the most up - to - date information on diagnosis, treatment, and common questions.

"Vital new information for men diagnosed with prostate cancer!" --George Johnson, Director of the Informed Prostate Cancer Support Group in San Diego, the largest independent group in California If you or someone you know is one of the thousands of men diagnosed with prostate cancer each year, this book is must reading. In Prostate Cancer Breakthroughs, best-selling author Dr. Jay Cohen provides new information on PSA testing, targeted biopsy, and groundbreaking prostate cancer treatments. Concise and easy to understand, Prostate Cancer Breakthroughs focuses on the information that all patients need to know. It first offers a step-by-step look at the entire diagnostic process, up to and including the diagnosis, and suggests how you should go about getting a second and even a third opinion. It then describes twelve different treatment choices that may be considered. Other important topics include genetic testing, Carbon-11 Acetate PET/CT scans for earlier identification of metastases, medication therapy, and more. Studies have

proven that most men diagnosed with prostate cancer do not need surgery or radiation treatment. Prostate Cancer Breakthroughs tells you how to determine what your options are. In the words of one reviewer, "This book answers all of your questions and others you didn't know to ask." In this book, you will discover: * Why 85% of men who get surgery or radiation for prostate cancer do not need it. * Why a high PSA test does not necessarily mean cancer. * How to tell if you really need a biopsy (many men don't). * Why a targeted biopsy is superior to a standard biopsy, and where to get one. * Why dynamic contrast-enhanced imaging (DCE-MRI) is key to deciding on treatment. * Which genetic tests are available for accurate diagnosis and more effective therapy. * If medication, rather than surgery/radiation, is a valid choice for you. Today, many doctors and patients are still not aware of the breakthrough methods of diagnosis and treatment that are being used at top United States cancer centers. Prostate Cancer Breakthroughs provides the up-to-date information you need to make the choices that are right for you.

A guide to understanding and overcoming three key prostate health problems counsels readers on how to prevent disease, interpret complicated test results, become informed about the range of available treatments, and preserve sexual intimacy.

Prostate cancer is by far the most common cancer in men and the second leading cause of death due to cancer. It comprises a mixed group of tumours displaying varying clinical behaviour: while some have a very aggressive course, others are rather indolent. Prevention of prostate cancer and discrimination between aggressive and indolent forms are important clinical goals and the acquisition of significant new evidence on means of achieving these aims makes this book particularly timely. A wide range of topics are covered by leading authorities in the field. The biology and natural history of prostate cancer are reviewed and the role of lifestyle and dietary factors, assessed. Detailed attention is paid to risk prediction biomarkers and to the role of novel high-throughput nucleic acid-based technologies in improving risk prediction and thereby allowing tailored approaches to cancer prevention. Potential means of chemoprevention of prostate cancer are also reviewed in depth, covering the very positive new data on the impact of aspirin as well as evidence regarding 5 α -reductase inhibitors, DFMO and lycopene. Guidance is provided on the differentiation of aggressive from indolent disease and the policy and research implications of recent findings are examined. This book will be of interest to both clinicians and researchers.

Part of the highly regarded Biopsy Interpretation Series, this fully revised volume is your definitive guide to mastering biopsy pathology interpretation for prostate cancer care. Biopsy Interpretation of the Prostate, 6th Edition, provides superbly illustrated guidance from a top expert in the field, guiding you through the best utilization of H&E microscopy as well as the latest immunohistochemical markers in order to deliver accurate, reliable diagnoses. Hundreds of full-color

illustrations depict the full range of benign and malignant prostatic entities.

A Guide to Personalized Care. With a self-administered quiz, Key directs readers to targeted information that is stage-specific. Written by 30 leading experts and edited by a prostate oncologist, Key is a welcome antidote for an industry dominated by surgeons.

A practical, integrative guide to men's prostate health, including holistic therapies for prostate cancer, BPH, prostatitis, and bladder function. For all its many important functions, the prostate gland can become a health curse to many men, young and old. Common prostate conditions include: benign prostatic hyperplasia (BPH), prostate cancer, prostatitis, testosterone deficiency, and erectile dysfunction. While conventional therapies exist for all these conditions, scientific studies have demonstrated that a comprehensive, integrative, or holistic approach to healing can dramatically reduce risk and/or decrease negative side effects and symptoms. Mark Stengler, N.M.D., draws upon his over 25 years of expertise in naturopathic medicine and holistic hormone therapies to provide a comprehensive approach to optimal prostate health, including a focus on bladder function, hormone balance, and a thorough exploration of prostate cancer diagnosis, treatment options, and holistic support. By thoroughly addressing these key aspects of the genitourinary system, you will be able to discover optimal prostate health and functionality.

In this updated guide, now in paperback, a pioneering doctor reveals how to beat the top three prostate problems. Prostate Cancer Metabolism: From Biochemistry to Therapeutics shows the peculiarities of prostate cancer metabolism, emphasizing the targetable aspects – that have not been considered in conventional treatment protocols. The book specifically addresses treatment of the castration-resistant stage of prostate cancer proposing many repurposed drugs and nutraceuticals to complement, not replace, standard therapies. The large body of evidence supporting these concepts makes them deserving of further research and well-designed clinical trials. It discusses lipid, cholesterol, glutamine, and glucose metabolisms and their impact on prostate cancer. Additionally, it explains how current established drugs can be repurposed to improve treatment outcomes. The concepts set out in the book, that deal with cancer at the cellular/molecular level, help identify new avenues of research and treatments to pursue that do not affect well-being whilst offer consistent benefits. Since most practicing physicians have not studied basic biochemistry since medical school, each chapter begins with a brief review of the topic to facilitate an understanding of the metabolically-oriented approach to targeting prostate cancer. Conventional treatments are not discussed here since they are covered in textbooks and specialized updates that abound in the medical literature. It is a valuable resource for cancer researchers, oncologists, clinicians and members of biomedical field who want to learn more about prostate cancer metabolism and how to apply recent findings in the field to bedside. Explains the basic aspects of prostate cancer metabolism, including

its biochemistry which has a pivotal role in clinical practice Discusses new drugs and nutraceuticals with a metabolism-centered approach Offers practical bedside approach in combination with molecular and biochemical fundamentals to help readers identify and provide the best treatment to their patients

Each instance of prostate cancer is exceptional --necessitating an individualized strategy --and the bewildering array of treatments available can confound the patient and his loved ones grappling with how best to navigate through the powerful process of diagnosis and management. The advantages and disadvantages of each control option are assessed in as impartial a means as you possibly can so as to empower the patient to become a player in his curative journey and enable him to select the treatment that is most suitable for him. PROSTATE CANCER 20/20 reviews the unprecedented number of improvements in addressing prostate cancer that have happened throughout the last few years. These include improvements in screening and diagnostic testing, progressively complex imaging techniques, the development and refinement of genetic testing, the access to numerous new medications, continued technical improvements in chemotherapy, surgical and focal therapies as well as the blossoming of the era of "active surveillance" Since many patients with prostate cancer have an superb prognosis, the long-term consequences of the disease are the side effects of treatment. PROSTATE CANCER 20/20 provides detailed information on the most common complications after therapy --sexual dysfunction and urinary incontinence--conditions that can be successfully managed through an assortment of means comprehensive within the publication.

Starting in 1986, the European School of Oncology has expanded its activities in postgraduate teaching, which consisted mainly of traditional disease-orientated courses, by promoting new educational initiatives. One of these is the cloister seminars, short meetings intended for highly qualified oncologists and dealing with specific, controversial aspects of clinical practice and research. Another is the institution of permanent study groups, also called task forces, where a limited number of leading experts are invited to meet once a year with the aim of defining the state of the art and possibly reaching a consensus on developments and treatment in specific fields of oncology. This series of ESO Monographs was designed with the specific purpose of disseminating the results of the most interesting of the seminars and study groups, and providing concise and updated reviews of the subjects discussed. It was decided to keep the layout very simple in order to keep costs to a minimum and make the monographs available in the shortest possible time, thus overcoming a common problem in medical literature: that of the material being outdated even before publication.

Stories from survivors of prostate cancer on how to go about it and life afterwards.

This guide covers every aspect of prostate cancer, from potential causes including diet to tests for diagnosis, curative treatment, and innovative means of controlling advanced stages of cancer.

The complete guide to coping with prostate cancer, with expert health advice for every man This comprehensive handbook gives men the vital information they need to effectively navigate every step of dealing with prostate cancer. A newly diagnosed cancer patient faces a mind-numbing array of treatment options, including medical therapies that carry serious side effects—and determining the right course of action is

an overwhelming task. In simple yet scientific terms, this book empowers readers with the tools they need to proactively fight cancer by making the most informed treatment decisions possible. With groundbreaking developments recently emerging in both conventional and holistic prostate cancer research, it is imperative that men fighting this disease have the absolute latest information. As founder and director of the Center for Holistic Urology at Columbia University, Dr. Katz is uniquely positioned to guide readers through the new practices and breakthrough treatment options for every stage of the battle with cancer, from prevention to postdiagnosis. One in six men will be diagnosed with prostate cancer in his lifetime, and countless families will be affected by this widespread but ultimately curable disease. Armed with Dr. Katz's expert guidance, patients will be equipped to actively participate in reclaiming their health and navigating this difficult diagnosis. Prostate Cancer, Science and Clinical Practice, Second Edition, continues to be an important translational reference that bridges the gap between science and clinical medicine. It reviews the biological processes that can be implicated in the disease, reviews current treatments, highlights the pitfalls where relevant, and examines the scientific developments that might result in future treatments. Key chapters from the previous edition have been updated, and a plethora of new chapters describe new concepts of prostate cancer biology and newly developed therapeutics. Each chapter has been written by internationally recognized specialists on prostate cancer epidemiology, genetic susceptibility, cancer metastases, prostate physiology, proteomics, new therapeutics, and clinical trials. Presents a comprehensive, translational source for all aspects of prostate cancer in one reference work Provides a common language for cancer researchers, oncologists, and urologists to discuss prostate tumors and how prostate cancer metastases affects other major organ systems Offers insights to research clinicians, giving them a key understanding the molecular basis of prostate cancer Offers insights to cancer researchers into how clinical observations and practices can feed back into the research cycle and, therefore, can contribute to the development of more targeted genomic and proteomic assays

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