Ovarian Cancers-National Academies of Sciences, Engineering, and Medicine 2016-05-25 In an era of promising advances in cancer research, there are considerable and even alarming gaps in the fundamental knowledge and understanding of ovarian cancer. Researchers now know that ovarian cancer is not a single disease-several distinct subtypes exist with different origins, risk factors, genetic mutations, biological behaviors, and prognoses. However, persistent questions have impeded progress toward improving the prevention, early detection, treatment, and management of ovarian cancers. Failure to significantly improve morbidity and mortality during the past several decades is likely due to several factors, including the lack of research being performed by specific disease subtype, lack of definitive knowledge of the cell of origin and disease progression, and incomplete understanding of genetic and non-genetic risk factors. Ovarian Cancers examines the state of the science in ovarian cancer research, identifies key gaps in the evidence base and the challenges to addressing those gaps, considers opportunities for advancing ovarian cancer research, and examines avenues for translation and dissemination of new findings and communication of new information to patients and others. This study makes recommendations for public- and private-sector efforts that could facilitate progress in reducing the incidence of morbidity and mortality from ovarian cancers.

Ovarian Cancer-Omer Devaja 2018-10-24 Ovarian cancer management is a rapidly changing field with new treatment agents available as a result of a greater understanding of the pathogenesis of this disease. In addition, both surgical and chemotherapeutic treatment strategies are evolving to maximise response in this disease. This book brings together leading specialists from around the world to discuss and outline a variety of new concepts in ovarian cancer, ranging from molecular biology and genetics through screening to both surgical and chemotherapeutic management.

Ovarian Cancer 3-Frank Sharp 2012-12-06 The Helene Harris Memorial Trust has become recognized as providing one of the most important international fora for the presentation of research in ovarian cancer. Four biennial meetings have taken place, the most recent of which was held between May 11-14, 1993, in Toronto, Canada. This forum has grown in stature from its inception in 1987 and has brought together interdisciplinary clinical and scientific researchers from around the world who are endeavouring to perform ‘cutting edge’ studies in the field. The assembled group of prestigious investigators met on this occasion to present their data, to exchange ideas, and to arrange collaborations with the goal of developing new means of detection, treatment and cure of
The incentive for the establishment of the Trust and its international forum was the premature loss through ovarian cancer of Helene Harris, the wife of Mr John Harris. Mr Harris and the Trustees looked for a meaningful way to honour the memory of Helene and to advance the noble cause of gaining an increase in the scientific knowledge of the subject. For those of us who spend most of our waking hours assisting patients and their families who are devastated by this disease, the Trust’s generosity provides inspiration, hope and the opportunity for their practical application in a unique professional forum.

Ovarian Cancer - Frank Sharp 1998-06-01
This reference details recent knowledge of ovarian cancer. Areas covered include: the genetic basis and molecular biology of ovarian cancer, analytic approaches to diagnosis and management, experimental therapeutics - gene therapy, methodology for dose intensification, new drugs, and quality of life and ethical issues.

Early Diagnosis and Treatment of Cancer Series: Ovarian Cancer E-Book - Robert Bristow 2015-06-08
Each volume in the Early Detection and Treatment of Cancer Series is packed with practical, authoritative information designed to cover the full range of diagnostic procedures, including pathologic, radiologic, bronchoscopic, and surgical aspects. You’ll be able to determine the safest, shortest, least invasive way to reach an accurate diagnosis; stage the disease; and choose the best initial treatment for early stages. Based on current evidence in the literature, authors provide clinical, hands-on tools to help you make informed decisions on precisely what tests and imaging studies are needed to diagnose and stage each type of cancer. Practical, authoritative, and highly-illustrated, this volume in the brand new Early Detection and Treatment of Cancer series covers current protocols and the latest advances in diagnostic imaging and molecular and serologic markers for ovarian cancer. Apply expert advice on the best “next-step plan for different presentations and tips for less invasive protocols. Get clinical, hands-on tools to help you make informed decisions on precisely what tests and imaging studies are needed for accurate diagnosis and staging. Clear figures, tables, and boxes illustrate step-by-step care of the full range of problems encountered. Better manage your patients with procedural video clips and more on the included CD-ROM. The small size and convenient format make this an ideal purchase for diagnostic reference. Outlines the steps after diagnosis to guide you through formulating a treatment or patient care plan. Emphasizes important points—such as vaccines, paracentesis, and laparoscopic procedures for staging—with “key points boxes at the beginning of each chapter and pedagogic features throughout. Summarizes the process of accurately diagnosing and staging cancer in a logical, almost algorithmic, approach for easy reference. Discusses the treatment of early-stage disease so you have clear options for care. Complements the procedures outlined in the text with full-color photographs and line drawings to reinforce your understanding of the material. Features a CD-ROM showing video clips of diagnostic procedures, as well as all of the images, tables, and drawings from the text to help you better manage your patients.

Ovarian Cancer - Mary Elizabeth Conway 1994

Biology of Female Cancers - Simon P. Langdon 1997-03-18
Biology of Female Cancers explores what can be learned about female cancers by summarizing what is known about the mechanisms of growth regulation and genetic features associated with common forms of female cancers, including malignancies of the breast, ovary, uterus, cervix, vulva, and gestational trophoblastic disease. The book describes the etiology, incidence, pathology, staging, and treatment of each type of cancer. The risk of developing particular tumor types and how their growth may be influenced by hormones, growth factors, and cytokines is also discussed. For oncologists, gynecologists and obstetricians, cell biologists, and everyone interested in learning more about female cancers, the Biology of Female Cancers offers a comprehensive, unique approach.

Culture of Human Tumor Cells - Roswitha Pfragner 2005-03-11
This comprehensive resource provides stepwise protocols for the in vitro cultivation of the major types of human tumors. Written in a reader-friendly style, this book is organized by specific tumor, discussing cultures for lung,
gastric, colorectal, pancreas, bladder, prostate, ovary, cervix, mammary carcinoma, myoepithelium, squamous, melanoma, lymphoma, glioma, and neuroendocrine tumors. Detailed techniques for initiation, propagation, and characterization of established cell lines are presented. Drug treatment, selection, differentiation, assays for malignant cells, risks, and applications are discussed. An extensive listing of vendors for equipment and other cell culture products is also included.

Tumor Metastasis-Ke Xu 2016-09-14

Practical Gynecologic Oncology-Jonathan S. Berek 2000 This reference on gynaecologic oncology covers all topics relevant to the care of women with malignancies of the breast or reproductive organs, including: biology and genetics of cancer; tumour markers and screening; radiation therapy; epidemiology; preinvasive disease; preoperative evaluation; medical management; critical care; and nutritional therapy. This edition features two new chapters on genetics and on laparoscopy, and includes new information on molecular biology, growth factors, chemotherapy and cost containment.

Molecular Biology of Cancer-Fiona Macdonald 2004-06-02 It has been realized for many years that cancer has a genetic component and at the level of the cell it can be said to be a genetic disease. In 1914, Boveri suggested that an aberration in the genome might be responsible for the origins of cancer. This was subsequently supported by the evidence that cancer, or the risk of cancer, could be inherited; that mutagens could cause tumors in both animals and humans; and that tumors are monoclonal in origin, that is, the cells of a tumor all show the genetic characteristics of the original transformed cell. It is only in recent years that the involvement of specific genes has been demonstrated at the molecular level. Molecular Biology of Cancer. Second edition is now in a larger format that has been extensively revised and covers heredity cancer, microarray technology and increased study of childhood cancers. --

Cancer Medicine-James F. Holland 1997

Ovarian Cancer Screening-Edward J. Pavlik 2018-03-23 This book is a printed edition of the Special Issue "Ovarian Cancer Screening" that was published in Diagnostics

Women and Health-Marlene B. Goldman 1999-11-23 Women and Health is a comprehensive reference which addresses health issues affecting women of all ages—adolescence through maturity. It goes far beyond other books on this topic which concentrate only on reproductive health, and has a truly international perspective. It covers key issues ranging from osteoporosis to breast cancer and other cancers, domestic violence, sexually transmitted diseases, occupational hazards, eating disorders, heart disease and other chronic illnesses, substance abuse, and societal and behavioral influences on health. Women and Health covers not only those conditions that are unique to or occur more frequently in women, but also those that present differently or are treated differently in women. Key Features: *

- Comprehensive, in-depth review of all aspects of women's health *
- Highlights key women's health issues including osteoporosis, domestic violence, breast cancer, menopause, infertility, heart disease, and many others *
- Addresses international women's health issues from a human rights and cultural perspective *
- Presents the latest research and clinical findings from leaders in their respective fields *
- Highlights controversies in treatment modalities *
- Challenges the medical community to address the impact of gender on health *
- Expands our thinking about the perceptions of disease and disorders in women *
- Challenges current status quo in health care delivery

Gynaecology Robert W. Shaw 1997 A comprehensive and authoritative account of all aspects of gynecology, including reproductive endocrinology, gynecological oncology and urogynecology. This new edition encompasses all the major developments in modern gynecological practice, such as minimally invasive techniques. Emphasis throughout is on clinical
management, making this an ideal resource for the trainee and the established practitioner.

Cancer Research - 1993

Uterine Cervical Cancer - Samir A. Farghaly 2019-01-11 This volume provides a broad background of the basic sciences, clinical and therapeutic aspects, and management of uterine cervical cancer. It offers state-of-the-art information on the molecular genetics, biology, and clinical aspects of premalignant lesions of the uterine cervix, and provides a better understanding of the molecular and cellular events that underlie uterine cervical cancer. Uterine Cervical Cancer: Clinical and Therapeutic Perspectives contains extensive, updated information on the promising new developments in the diagnosis and management of uterine cervical cancer. It will serve as an invaluable resource for all clinicians and basic medical scientists caring for women with uterine cervical cancer, including attending surgeons, physicians, clinical fellows, and residents in the disciplines of gynecologic oncology, medical oncology, and surgical oncology.

British Journal of Hospital Medicine - 1992

Bio-Informatic Systems, Processing and Applications - Johnson I Agbinya 2013-10-15 The combination of bio-telemetry, sensor networks, communication networks and computing has opened up new areas in the medical field and provided the means for improved health care delivery. Over the past decade therefore reliance on information technology has become very prominent as doing so makes it a lot easier for health practitioners to offer much more efficient health services. This book is a compendium of emerging smart techniques using artificial intelligence for diagnosis, bio-informatics data analysis and biomedical systems. It details innovative applications of neural networks, computer vision, panoramic image processing, electroencephalography, electromyography and specialized information delivery based on smart sensors and communication to support the deaf, control of prosthetic limb, fall detection, cancer detection and fatigue detection. These tools and methods are presented for application in secure transportation, home-based health care and in medical establishments. The state-of-the-art coverage provide also practical foundations for further research in biomedical informatics and engineering. Technical topics discussed in the book include: Active detection of driver drowsiness; Myoelectric Control of Limb Prostheses; Electromyography; Electroencephalography; Bio-Signal Telemetry Sensor Networks; Computer Vision in health care delivery; Applications of wireless communication devices in health care delivery Contents: Preface; 1. Neural Networks Based System for Cancer Diagnosis Support; 2. Myoelectric Control of Upper-Limb Prostheses and the Effects of Fatigue; 3. Using Game Consoles for Human Medical Data Collection: in-field applications; 4. An Approach to Fall Detection using Gaussian Distribution of Clustered Knowledge; 5. ZigBee Sensor Network Propagation Analysis for Health-care Application; 6. Dimensionality Reduction in Surface Electromyographic Signals for Pattern Recognition; 7. Assessing a potential electroencephalography based algorithm during a monotonous train driving task in train drivers; 8. Detecting Driver Drowsiness with Examples using EEG and Body Movement; 9. Cortical Width Measurement Based On Panoramic Radiographs Using Computer-Aided System; 10. Development of a Computer Vision Application for Surgical Skill Training and Assessment; 11. Information Delivery System for Deaf People at a Larger Disaster; Author Index; Keyword

BMJ - 1994

Ovarian Cancer - John M. S. Bartlett 2000 Over one hundred well-respected scientists comprehensively review every aspect of the biology underlying ovarian cancer and present a remarkably detailed collection of easy-to-follow methods for illuminating basic mechanisms underlying all forms of cancer. Here today's investigators will find the broadest imaginable array of molecular biology techniques specially designed to determine not only tumor genetics, expression, and protein function, but also to elucidate the genetic mechanisms by which gene and immunotherapies may be perfected.
Versatile and comprehensive, Ovarian Cancer Methods and Protocols constitutes a veritable treasury of well-proven expert methods that will help basic scientists and clinical researchers alike master the powerful technologies required for effective cancer research today.

The MD Anderson Manual of Medical Oncology, Second Edition-Hagop M. Kantarjian 2011-04-22 State-of-the-art approaches to cancer management from the world's #1 oncology center The perfect clinical desk manual from the experts at MD Anderson Cancer Center Read the outstanding reviews of the previous edition: "As a detailed guide, [the book] offers practitioners a clear, user-friendly approach to the care of patients with cancer." -- New England Journal of Medicine "The portions of the text that summarize the chemotherapeutic literature are helpful and potentially useful to a busy medical oncologist. The graphic representations and flow charts are of high quality, are well designed and easy to follow, and are clinically useful. A number of good photographs have been provided that illustrate pathologic conditions....the Manual is well written, has extremely useful graphics, and represents a useful entry point for those interested in the management of malignant diseases." -- International Journal of Radiation Oncology, Biology, Physics "...[MD Anderson Manual of Medical Oncology] fulfills its goals of helping clinicians quickly evaluate therapeutic regimens and possibilities. Surgeons and radiation oncologists will find the text useful as a reference guide to what the medical oncologist can do and how the medical oncologist views their disciplines. The text is also of considerable help for physicians studying for board certification or recertification in medical oncology. Practicing medical oncologists would do well to have it in their personal libraries." -- Journal of the American Medical Association MD Anderson Manual of Medical Oncology offers clinicians an authoritative, easy-to-follow guide to the medical management of patients with cancer and its complications. Featuring concise but practical text and a large number of decision-making algorithms, the book gives physicians a current, templated approach to each disease and situation -- backed by the clinical expertise and authority of world recognized oncology researchers/practitioners. Key Features REVISED: completely updated coverage of the quickly evolving world of cancer therapeutics NEW: brand new chapters on myelodysplasia, myeloproliferative diseases, and appendiceal cancer NEW: a brand new chapter on the important and underpublished topic of psycho-social issues in oncology Consistently formatted for a unified patient management strategy Packed with time-saving features, including The MD Anderson Work-Up Box and The MD Anderson Preferred Treatment Box

Medical Oncology-Richard Pazdur 1995

Scientific Report to the Council by the Director of Research-Imperial Cancer Research Fund (Great Britain) 1991

Ovarian Cancer-Ian J. Jacobs 2002 Ovarian cancer provides an up-to-date and comprehensive synthesis of clinical management and research progress in the field of epithelial ovarian cancer. The book has its origins in two separate but complementary initiatives. One initiative was a series of reviews commissioned to cover the spectrum of clinical management of ovarian cancer from prevention, screening and diagnosis to surgery, chemotherapy and palliative care. The reviews were invited from an international panel of clinicians with expertise in the management of ovarian cancer. The second initiative was co-ordinated by the Helene Harris Memorial Trust (HHMT) which has organised key biennial meetings on ovarian cancer for the last 12 years. Attendance at the meetings is by invitation to a small group of international authorities on research aspects of ovarian cancer. Setting the clinically focused reviews alongside the HHMT research focused chapters has created a unique book. First, the book is unusually up-to-date and presents recent advances not included in other books in this field. Second, the contents are comprehensive and cover aetiology, pathology, screening, prevention, diagnosis, prognostic techniques, surgery, adjuvant therapy and palliative care. Third, the review chapters are set alongside more detailed coverage of recent clinical and basis science developments. Examples of this are the coverage of familial cancer, prevention, screening, and current therapy which are consequently much more topical and exciting. Fourth, there are sections on 'tumour
biology' and 'novel therapies' which have not been covered in comparable books about ovarian cancer. Finally, the contributions are from a representative spectrum of experts from both research and clinical backgrounds and with a truly international perspective.

Ovarian Cancer - David Marc Gershenson 1998 A multi-authored, clinical work describing controversies in the management of ovarian cancer, and offering individual views and recommendations of the experts followed by commentary from the editors. The editors have chosen a panel format as a novel approach to assisting the reader. Addresses difficult problems of ovarian cancer management and detection Provides specific and personal guidance from the experts Comments on the book proposal include: David Gershenson is an extremely well respected gynecologic oncologist and surgeon who has edited a major gynecologic surgery text for WB Saunders. The MD Anderson Cancer Center is one of the premier cancer institutes internationally. William P. McGuire was instrumental in the launch of the important drug taxol and is a leader in the medical oncology field.

Tumors of the Ovary, Maldeveloped Gonads, Fallopian Tube, and Broad Ligament - Robert Edward Scully 1998

The Biology of Cancer - Weinberg, Robert A. 2013-05-24 Incorporating the most important advances in the fast-growing field of cancer biology, the text maintains all of its hallmark features. It is admired by students, instructors, researchers, and clinicians around the world for its clear writing, extensive full-color art program, and numerous pedagogical features.

Diagnosis and Management of Ovarian Disorders - Albert Altchek 1996 Describes premature ovarian failure/epithelial ovarian neoplasms/ultrasound & ovary/cystectomy & oophorectomy/etc.

Understanding Biology Using Peptides - Sylvie E. Blondelle 2007-10-23

This book represents proceedings of the 19th American Peptide Symposium. It highlights many of the recent developments in peptide science, with a particular emphasis on how these advances are being applied to basic problems in biology and medicine. Specific topics covered include novel synthetic strategies, peptides in biological signaling, post-translational modifications of peptides and proteins, and peptide quaternary structure in material science and disease.

Role of Biomarkers in Medicine - Mu Wang 2016-08-17 The use of biomarkers in basic and clinical research has become routine in many areas of medicine. They are accepted as molecular signatures that have been well characterized and repeatedly shown to be capable of predicting relevant disease states or clinical outcomes. In Role of Biomarkers in Medicine, expert researchers in their individual field have reviewed many biomarkers or potential biomarkers in various types of diseases. The topics address numerous aspects of medicine, demonstrating the current conceptual status of biomarkers as clinical tools and as surrogate endpoints in clinical research. This book highlights the current state of biomarkers and will aid scientists and clinicians to develop better and more specific biomarkers for disease management.

Cancer Forum - 2002

Gynecologic Cancers - Samir Farghaly 2016-03-02 Gynecologic cancers include malignancies of the female genital tract involving the vulva, vagina, cervix, uterus, fallopian tubes or ovaries. In the USA, 98,280 women had gynecological cancers in 2015, and 30,440 died of these cancers. World wide, the number of women who had cancers of the female genital tract was 1,085,900, in 2012 and the number of deaths was 417,600. Cancers of the uterus, cervix and ovary are most common. Widespread screening with the Pap test has allowed physicians to find per-cancerous changes in the cervix and vagina. This has assisted in identifying some invasive cancers early. Multidisciplinary team of experts includes specialists in medical oncology, gynecologic oncology, radiology, urology, radiotherapy, and surgery who
work together to determine the best treatment approach for the patient. Recent progress in the development of new surgical techniques has transformed the treatment of gynecologic cancers, resulting in greater surgical precision and fewer complications. In addition, targeted adjuvant therapy has become useful in improving the oncologic outcome of patients with these cancers.

The Role of Interleukin-6 in the Development and Progression of Ovarian Cancer - Joanna Mizen Watson 1993

Altchek's Diagnosis and Management of Ovarian Disorders - Liane Deligdisch 2013-07-25 Presents a multidisciplinary approach to diagnosing and managing ovarian disorders, with the latest, most innovative scientific and clinical developments.

Breast Cancer - Phuc Van Pham 2017-04-05 Breast Cancer - From Biology to Medicine thoroughly examines breast cancer from basic definitions, to cellular and molecular biology, to diagnosis and treatment. This book also has some additional focus on preclinical and clinical results in diagnosis and treatment of breast cancer. The book begins with introduction on epidemiology and pathophysiology of breast cancer in Section 1. In Section 2, the subsequent chapters introduce molecular and cellular biology of breast cancer with some particular signaling pathways, the gene expression, as well as the gene methylation and genomic imprinting, especially the existence of breast cancer stem cells. In Section 3, some new diagnostic methods and updated therapies from surgery, chemotherapy, hormone therapy, immunotherapy, radiotherapy, and some complementary therapies are discussed. This book provides a succinct yet comprehensive overview of breast cancer for advanced students, graduate students, and researchers as well as those working with breast cancer in a clinical setting.

Haines & Taylor Obstetrical and Gynaecological Pathology - Magnus Haines 2003 The fifth edition of this world-famous text provides encyclopedic coverage of both obstetrical and gynaecological pathology. It describes the basic mechanisms of diseases, their pathological and clinical features and their histological and cytological appearance. Each chapter is written by a leading international expert and provides the reader with a complete and authoritative review of a particular topic. This edition will feature increased coverage of fine needle aspiration cytology as well as an increased emphasis on differential diagnosis. Previous editions of this title establish it as the most complete reference source in it field. Whether in the reporting room or in research, this book is relied upon to explain the pathology of the female genital tract. Integrate all aspects of obstetrical and gynecological pathology. Provides an authoritative and encyclopedic resource for diagnosis and research. The comprehensive range of pathologic conditions covered, from the common to the obscure, will assist in the recognition of even the most unfamiliar disorder.

Cancer - Craig A. Almeida 2011-08-26 “... Useful background information is displayed in blue boxes, and good use is made of numerous tables and diagrams... a useful book for the undergraduate medical or allied health professional...” – Oncology News, May/June 2010 This forward looking cancer biology book appeals to a wide ranging audience. Introductory chapters that provide the molecular, cellular, and genetic information needed to comprehend the material of the subsequent chapters bring unprepared students up to speed for the rest of the book and serve as a useful refresher for those with previous biology background. The second set of chapters focuses on the main cancers in terms of risk factors, diagnostic and treatment methods and relevant current research. The final section encompasses the immune system’s role in the prevention and development of cancer and the impact that the Human Genome Project will have on future approaches to cancer care. While best suited to non-majors cancer biology courses, the depth provided satisfies courses that combine both majors and non-majors. Also, and deliberately, the authors have incorporated relevant information on diagnosis and treatment options that lend appeal to the lay reader.

The MD Anderson Manual of Medical Oncology - Hagop M. Kantarjian 2006-04-10 The MD Anderson Manual of Medical Oncology was designed to... Downloaded from support.awemark.co on January 21, 2021 by guest
fill an important void in oncology reference material by serving as a hands-on resource for the practicing oncologist. It was written exclusively by MD Anderson faculty and fellows with the idea of presenting a bird’s eye view of medical oncology as it is currently practiced at that institution. While definitely written from the perspective of the medical oncologist, this book clearly emphasizes MD Anderson’s multidisciplinary approach to cancer care. Furthermore, while evidence-based rationales are given for patient care strategies, no apologies are offered for articulating the unique perspectives and biases as they apply to cancer biology and therapy as practiced at this top-rated cancer center. The rationales for ongoing clinical trials are clearly articulated as well as the importance of ongoing clinical investigation. The authors have filled the book with tables, graphics, relevant pathology figures, and other illustrative images, making it visually stimulating. Flowchart and diagrammatic algorithms are supplied to provide readers with a practical guide to the diagnostic and therapeutic strategies used at MD Anderson. Numerous chapters address important palliative and supportive measures, such as oncologic emergencies, infections, endocrine manifestations of non-endocrine tumors, palliation, and long-term followup.

**Gynecologic Cancer** William P. McGuire 2004 This brand-new reference provides multidisciplinary guidance on the biology, diagnosis, treatment, and supportive care of patients with cancers of the female reproductive tract. An international group of experts present sections on management controversies, complications of cancer treatment, surgical techniques, symptom management, and more.