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# Standard Operating Procedures Tata Memorial Centre

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Image-Guided IMRT  
 Case Studies from North-South Research Collaborations  
 International Journal of Cancer  
 International Ethical Guidelines for Biomedical Research Involving Human Subjects  
 Indian Journal of Biochemistry & Biophysics  
 Metronomic Chemotherapy  
 Indian Journal of Biochemistry and Biophysics  
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 Brief Annual Report  
 Oncology, 1970: Diagnosis and management of cancer: general considerations  
 Molecular Reprogramming, Cellular Adaptation, and Clinical Implications  
 Annual Report  
 Cancer Treatment Reports  
 NOTES and Endoluminal Surgery  
 Business Communication Strategies  
 General. A  
 Indian Journal of Anaesthesia  
 Ethics Dumping  
 The Times of India Directory and Year Book Including Who's who  
 Occupational Health and Industrial Medicine  
 Medicinal Chemistry-Fusion of Traditional and Western Medicine  
 Quality Assurance in Haematology  
 Epithelial-Mesenchymal Plasticity in Cancer Metastasis  
 Journal of Scientific and Industrial Research  
 Issues in Water and Power Engineering: 2011 Edition  
 The Lapco Manual  
 Nuclear Science Abstracts  
 An Illustrated Guide  
 Chemotherapy; International Journal of Experimental and Clinical Chemotherapy  
 Alternatives to Animal Testing  
 Pharmacology and Clinical Applications  
 Indian Journal of Cancer  
 Cancer of the Esophagus - ECAB  
 Surgical Pathology Dissection  
 The Official Organ of the American Association for Cancer Research, Inc  
 Clinical Cytometry  
 Textbook of Hospital Administration  
 Labmedicine  
 Journal International Du Cancer. Supplement. Supplement

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## KASSANDRA GRAHAM

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*Image-Guided IMRT* Springer

This book analyzes all aspects of metronomic chemotherapy, a new approach involving low-dose, long-term, and frequently administered therapy that has preclinical and clinical activity in various tumors. After an opening section on the pharmacological bases of metronomic chemotherapy, including its antiangiogenic effects and impact on immunity, preclinical studies on various classes of drug are discussed. Clinical applications of metronomic chemotherapy in a wide variety of tumors are then addressed in detail, with description of the results of all published studies. The clinical pharmacology of metronomic

chemotherapy is also considered in depth, encompassing pharmacokinetics, pharmacogenetics, pharmacoeconomics, and adverse drug reactions. The book closes by describing the role of this therapy in the veterinarian clinic. Case Studies from North-South Research Collaborations Elsevier Health Sciences Intensity-modulated radiation therapy (IMRT), one of the most important developments in radiation oncology in the past 25 years, involves technology to deliver radiation to tumors in the right location, quantity and time. Unavoidable irradiation of surrounding normal tissues is distributed so as to preserve their function. The achievements and future directions in the field are grouped in the three sections of the book, each suitable for supporting a teaching course. Part 1 contains topical reviews of the basic principles of IMRT, part 2 describes

advanced techniques such as image-guided and biologically based approaches, and part 3 focuses on investigation of IMRT to improve outcome at various cancer sites.

### **International Journal of Cancer**

Springer

Recent studies have highlighted that epithelial-mesenchymal transition (EMT) is not only about cell migration and invasion, but it can also govern many other important elements such as immunosuppression, metabolic reprogramming, senescence-associated secretory phenotype (SASP), stem cell properties, therapy resistance, and tumor microenvironment interactions. With the on-going debate about the requirement of EMT for cancer metastasis, an emerging focus on intermediate states of EMT and its reverse process mesenchymal-epithelial transition (MET) offer new ideas

for metastatic requirements and the dynamics of EMT/MET during the entire metastatic cascade. Therefore, we would like to initiate discussions on viewing EMT and its downstream signaling networks as a fulcrum of cellular plasticity, and a facilitator of the adaptive responses of cancer cells to distant organ microenvironments and various therapeutic assaults. We hereby invite scientists who have prominently contributed to this field, and whose valuable insights have led to the appreciation of epithelial-mesenchymal plasticity as a more comprehensive mediator of the adaptive response of cancer cells, with huge implications in metastasis, drug resistance, tumor relapse, and patient survival.

**International Ethical Guidelines for Biomedical Research Involving Human Subjects** Textbook of Hospital Administration

The work describes a new method of sphincter salvage in surgery of rectal cancer. Low tumors of the rectum are traditionally treated with amputation of the rectum. However, this operation is not well-received by patients, since it results in a permanent colostomy. By contrast, intersphincteric resection allows sphincter salvage even in low tumors and is now widely accepted among experts in the field of colorectal surgery. The book will describe the basics (pathology, physiology, radiology) as well as the surgical technique and its different modifications.

Indian Journal of Biochemistry & Biophysics World Health Organization Textbook of Hospital

Administration Elsevier Health Sciences **Metronomic Chemotherapy** CRC Press Issues for 1919-47 include Who's who in India; 1948, Who's who in India and Pakistan.

Indian Journal of Biochemistry and Biophysics Springer Science & Business Media

Filling the need for a comprehensive, fully-illustrated guide to the subject, this practical manual demonstrates a logical approach to the preparation, dissection, and handling of the tissue specimens most commonly encountered in today's surgical pathology laboratory. Each dissection is vividly illustrated with powerful 3D line drawings created exclusively for this book. The authors discuss the clinically important features of various types of specimens and lesions over the whole range of organ systems. The consistent approach provides a valuable conceptual framework for points to bear in mind during the dissection and each chapter concludes with a convenient reminder of

the important issues to address in the surgical pathology report. Indispensable for staff pathologists, residents, pathologist's assistants, histotechnologists and other laboratory personnel.

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"Medicinal Chemistry - Fusion of Traditional and Western Medicine is a textbook intended for students taking courses in the various fields of medicinal chemistry, pharmacy, medical and dental programs. Moreover, people working in the pharmaceutical industr"

*Brief Annual Report* Tata McGraw-Hill Education

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**Oncology, 1970: Diagnosis and management of cancer: general considerations** ScholarlyEditions

This open access book provides original, up-to-date case studies of "ethics dumping" that were largely facilitated by loopholes in the ethics governance of low and middle-income countries. It is instructive even to experienced researchers since it provides a voice to vulnerable populations from the fore mentioned countries. Ensuring the ethical conduct of North-South collaborations in research is a process fraught with difficulties. The background conditions under which such collaborations take place include extreme differentials in available income and power, as well as a past history of colonialism, while differences in culture can add a new layer of complications. In this context, up-to-

date case studies of unethical conduct are essential for research ethics training.

**Molecular Reprogramming, Cellular Adaptation, and Clinical Implications** MDPI

Of all the malignant lesions of the gastrointestinal tract, cancer of the esophagus is among the most difficult to manage. Although it has fairly typical presenting clinical features in the form of an elderly patient with dysphagia; the subsequent investigations have to be fine-tuned to select which patient should undergo esophageal resection (a formidable procedure which carries a high mortality risk and is associated with serious complications), who should undergo neoadjuvant therapy and who should only be palliated with stents or chemoradiotherapy. In recent years this fine-tuning has become much more precise with many patients being saved from harmful explorations of the chest and abdomen only to encounter widespread disease and at the same time many who have large, locally invasive tumors which were thought to be unresectable being given neoadjuvant chemotherapy and subsequently being able, sometimes, to undergo curative esophagectomy. Possibly because of these improvements in diagnosis and multimodality treatment, the 5-year survival of patients with esophageal cancer that has been resected has improved from a dismal 5%, 15 years ago to a more respectable 25% now. In this book, authors, two thirds of whom are from the Memorial Sloan-Kettering Cancer Center (MSKCC) in New York, have evaluated the published evidence on different aspects of the management of patients with esophageal cancer as well as made recommendations from their own experience with the disease. Thus, we have chapters on diagnostic and therapeutic endoscopy, staging, perioperative therapy, operative treatment (transhiatal, radical, Ivor Lewis and the minimally invasive approaches) and postoperative complications. Finally there is a chapter discussing the epidemiology and difficulties in the management of patients with esophageal cancer in India where the disease is common and mainly affects poor people who cannot afford expensive treatment. The author mainly discusses the experience of the Tata Memorial Hospital in Mumbai where every year 1200 patients are seen with the disease and 180 undergo surgery. This is amongst the largest experience of the treatment of patients with esophageal cancer worldwide. All the subjects and authors have been brought together for this volume by the Editor, Manjit Singh

Bains, who is a Professor of Clinical Cardiothoracic Surgery at the Cornell Weill Medical College in New York as well as an Attending Thoracic Surgeon at the MSKCC.

**Annual Report** Bentham Science Publishers

Supersedes the 1993 revision (ISBN 9290360569).

*Cancer Treatment Reports* Springer Science & Business Media

A wide range of projects are described in the latest Biennial Report of the International Agency for Research on Cancer (IARC), the cancer research branch of the World Health Organization. Most of these projects involve collaborations with scientists in institutes throughout the world, covering topics ranging from descriptive epidemiology and biostatistics, cancer registration and analysis of data on cancer occurrence, to basic research on genetic and molecular aspects of cancer development to pathogenesis and prevention studies. Profusely illustrated, the Report also contains details of the personnel and organization of IARC and its activities, as well as a complete list of over 500 publications and articles authored by its scientists and their collaborators during the biennium.

NOTES and Endoluminal Surgery World Health Organization

This unique reference in laparoscopic colorectal surgery starts by looking at the establishment of the Lapco training programme in the UK. It then goes on to provide a comprehensive technical manual of operative and patient care for laparoscopic colorectal surgery, offers insight into training and assessment methodology and finally looks to the future and where we may be going. It shares knowledge of a unique training programme which healthcare systems worldwide are trying to emulate, and provides an up-to-date manual of know-how from some of the world's most experienced laparoscopic colorectal trainers.

Business Communication Strategies W B Saunders Company

This volume provides a broad introduction in Natural Orifice Transluminal Endoscopic Surgery (NOTES) to the novice, as well as a comprehensive and up-to-date review of

the major areas of research in this field for those already performing NOTES.

Designed as stand-alone treatises on each particular topic, the chapters are arranged around management of esophageal motor disorders, gastric closure, transgastric NOTES, transvaginal procedures, transrectal NOTES and natural orifice colorectal surgery, and also novel natural orifice techniques that go beyond routine diagnostic and therapeutic endoscopy. Written by experts in the field, NOTES and Endoluminal Surgery is a valuable resource for gastroenterologists and surgeons working in the field of NOTES.

General. A Elsevier Health Sciences  
This work ushers in a change in the approach of books on hospital administration. To make the text interesting authors have used the case based learning approach. Apart from this many new topics have been introduced in this book which had not been addressed so far in the available books. For example:- due importance has been given to the role of engineering department in ensuring provision of good quality of medical care by the hospitals. New concepts in hospital administration like information therapy, use of information and communication technology, health promoting hospital approach, impact of globalization on hospital care etc. have also introduced through this book. USP of the book is giving due importance to the feedback from experienced hospital administrators across public and private hospitals of country. This book will surely be of use to medical superintendents and hospital administrators in government and private hospitals in India and other countries. Students as well as teachers of various courses namely, regular and distant learning courses of MBA in Health Care/Hospital Administration, Diploma of masters in Hospital Administrator, MD in hospital administrator, MD in community medicine, Diploma/masters in laws, master's in public health will also find this book of immense value. This book will also be helpful for civil surgeons and senior medical officers of state health services. The book comprehensively consolidates a lot of practical aspects by incorporating plenty of illustrations, photographs, case

studies, real life situations etc. which will help the readers to get a realistic practical experience. Salient Features New concepts in hospital administration like use of information and communication technology, health promoting hospital approach, impact of globalization on hospital care, role of engineering department and information therapy, etc. have been introduced Case Studies presented in the chapters are useful for case based learning approach Comprehensively consolidates a lot of practical aspects by incorporating plenty of Flowcharts, Figures and Tables help the readers to get a realistic practical experience

*Indian Journal of Anaesthesia* Springer Science & Business Media

This open access book presents recent advances in the pure sciences that are of significance in the quest for alternatives to the use of animals in research and describes a variety of practical applications of the three key guiding principles for the more ethical use of animals in experiments - replacement, reduction, and refinement, collectively known as the 3Rs. Important examples from across the world of implementation of the 3Rs in the testing of cosmetics, chemicals, pesticides, and biologics, including vaccines, are described, with additional information on relevant regulations. The coverage also encompasses emerging approaches to alternative tests and the 3Rs. The book is based on the most informative contributions delivered at the Asian Congress 2016 on Alternatives and Animal Use in the Life Sciences. It will be of value for those working in R&D, for graduate students, and for educators in various fields, including the pharmaceutical and cosmetic sciences, pharmacology, toxicology, and animal welfare. The free, open access distribution of Alternatives to Animal Testing is enabled by the Creative Commons Attribution license in International version 4: CC BY 4.0. Ethics Dumping Springer  
*The Times of India Directory and Year Book Including Who's who*  
Occupational Health and Industrial Medicine

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