

EMESIS IN ANTI-CANCER THERAPY

Mechanisms and treatment

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Emesis In Anti Cancer Treatment Mechanisms And Treatment

Inna Belfer, Luda Diatchenko



Emesis In Anti Cancer Treatment Mechanisms And Treatment:

Medical Management of Cancer-treatment Induced Emesis Mario A. Dicato,2024-11-01 Nausea and vomiting are two of the most common side effects of anti cancer treatment and the discovery and clinical application of 5 hydroxytryptamine₃ receptor antagonists has transformed the management of these side effects resulting in a much improved quality of life for cancer patients This text presents a detailed overview of the management of cancer treatment induced emesis in a number of different treatment settings and focuses on the mechanisms and use of 5 HT₃ receptor antagonists Contributions are also included from the points of view of the nurse and the patient

Nausea and Vomiting: Mechanisms and Treatment Christopher J. Davis,Gerry V. Lake-Bakaar,David G. Grahame-Smith,2012-12-06 The following papers were presented at an international symposium on the mechanisms and treatment of nausea and vomiting in man held in Oxford in 1984 I believe that this meeting was the first occasion on which representatives from such a wide variety of scientific and clinical specialities had come together to review and debate the spectrum of the vomiting phenomenon An attempt was made to put before an invited international audience all the pertinent facts on the different facets of the topic and then to encourage extensive discussion of the contentious issues The first day of the meeting was devoted to the basic science approach to the problem and the second day to the more clinical aspects This format has been broadly retained in the layout of the book with the addition of summary chapters reviewing each day's contributions and focusing upon areas of particular importance Acknowledgement must here be made to the enormous input from the many participants who either spoke in the debate or rose and themselves gave small presentations in addition to those of the invited speakers The meeting occurred at a time of increasing interest in the problem of nausea and vomiting especially because of its importance in cancer chemotherapy and radiation therapy and even in space travel

Cancer Symptom Management 2e,1999

Antiemetics in the Supportive Care of Cancer Patients M. Tonato,2012-12-06 Much progress has been made in the treatment of emesis caused by antineoplastic therapy and particularly chemotherapy However some aspects remain controversial and the subject of continued research This completely updated comprehensive manual on antiemetics covers a wide range of clinically relevant topics providing the reader with a good source of easy consultation and giving an overall picture of the state of the art and some clues for future development

Cancer Symptom Management Connie Henke

Yarbro,Margaret Hansen Frogge,Michelle Goodman,2004 Accompanying CD ROM contains customizable patient self care guides

Advances in Neuroregulation and Neuroprotection Catherine Collin,Masaru Minami,Hasan Parvez,Hideya Saito,Simone Parvez,Qureshi,Claude Reiss,2005-04-15 Neuroregulation is a challenging and rapidly developing field that holds the key to many currently intractable medical conditions from nervous and mental diseases to stress related disorders Advances in Neuroregulation mirrors the broad scope of research in this area with topics ranging from new concepts on the immune system and on the action of antidepressants to the evolution and development of the autonomic nervous system In

addition the latest research findings are presented for behavioural disorders and medical conditions such as Parkinson's disease Alzheimer's disease epilepsy and attention deficit hyperactivity disorder Another area of emphasis is the body's responses to stress and the effect of neuroactive agents in the treatment of stress related conditions Many chapters are devoted to the progress being made at the cellular and molecular level including areas such as the conditions for culture of different types of neural cells conformational diseases and the protein folding problem vasoactive intestinal polypeptide release from pancreatic islets the effect of melatonin and corticosterone on macrophages Here in a book that expands the frontiers of neuroscience researchers into neuroregulation at the molecular and cellular levels as well as those working at the clinical and systemic levels will find important results relating to their field Perugia Consensus Conference on

Antiemetic Therapy Richard J. Gralla, Maurizio Tonato, Fausto Roila, 2012-12-06 In the last decade important progress has been achieved in the prevention of chemotherapy induced nausea and vomiting in particular since the introduction of 5-HT₃ antagonists which when used in combination with steroids can assure significant protection in the majority of patients Nonetheless for some relevant clinical problems there still is no satisfactory answer and there are major differences in clinical practice regarding antiemetic use This volume contains the results of the fifth Perugia International Cancer Conference which was organized in 8 sessions a consensus document was prepared for each session forming a useful basis for future developments *Radiation and the Gastrointestinal Tract* Andre Dubois, Gregory L. King, David R.

Livengood, 1994-11-22 This book evolved from a two day 1993 International Symposium on Radiation and the Gastrointestinal Tract held at the Uniformed Services University of the Health Sciences Bethesda Maryland This area of investigation is particularly important because of growing medical needs and the documented occurrence of accidents involving overexposure of healthy subjects patients Some questions have been answered through cellular and animal research results that lead to hypotheses that have been tested through clinical protocols In an attempt to answer the unresolved questions basic scientists and clinicians describe the data obtained to date present in a critical manner the consensus that has been reached and discuss what still remains to be investigated The book is divided into five parts Overview and Clinical Perspective Emesis Motility Diarrhea and Behavioral Correlates of Gastrointestinal Dysfunction Each part consists of separate discussions on the pathophysiology the methodology and when applicable the clinical relevance of the observations The book provides helpful information to both basic scientists involved in radiobiological research and to clinicians caring for patients exposed to radiation It also serves as an introduction to the subject for young clinical investigators interested in the field and for scientists searching for correlates between their observations and disorders of the gastrointestinal tract

Nursing Patients with Cancer Nora Kearney, Alison Richardson, 2006-01-01 Nursing Patients with Cancer Principles and Practice is a major new text a comprehensive evidence based source book that provides a detailed foundation for adult cancer nursing It explains the essential social and scientific basis of modern cancer management and equips nurses with the

key skills and knowledge required to work in cancer care teams The content is based upon assessment and intervention of patient and family needs and aims to prepare nurses to work with cancer patients and their families across a range of settings back cover

Cancer Treatment Reports, 1987 *Tachykinins* Peter Holzer, 2012-12-06 The tachykinins represent one of the most thoroughly investigated family of neuropeptides whose members and receptors have been characterized at the genetic and molecular level and whose pharmacology has now been advanced to the first clinical application These exciting accomplishments and prospects are reviewed and discussed in this volume in an authoritative manner Particular emphasis is laid on the development of selective non peptide antagonists for all 3 tachykinin receptors and their potential as novel drugs in a variety of diseases The approval of the first tachykinin receptor antagonist as an antiemetic drug is particularly highlighted and the utility of tachykinin receptor antagonists in affective disorders chronic obstructive airway disease and irritable bowel syndrome to name a few indications is extensively considered

Management of Chemotherapy-Induced Nausea and Vomiting Rudolph M. Navari, 2016-01-25 This book provides a comprehensive review of new agents a detailed description of new uses of current agents and an integration of the available agents in clinical practice A description of a detailed clinical approach provides clinical practitioners with the most up to date recommendations for the prevention and treatment of chemotherapy induced nausea and vomiting CINV in various clinical settings CINV is one of the most feared treatment related toxicities Patient surveys for the past thirty years consistently demonstrate patients perception of deterioration in quality of life due to chemotherapy treatments The introduction of the antiemetics serotonin 5 HT3 receptor antagonists and the neurokinin 1 receptor antagonists have improved the control of chemotherapy induced emesis but the treatment of chemotherapy induced nausea remains a significant clinical problem Patients continue to have quality of life issues which prevent normal functioning during active treatment New agents such as the second generation 5 HT3 receptor antagonist palonosetron and the new neurokinin 1 receptor antagonists rolapitant and netupitant are being introduced into clinical practice and it is anticipated that these new agents will improve the control of CINV Agents such as olanzapine a FDA approved anti psychotic gabapentin a FDA approved neuroleptic and ginger a food additive which have been used primarily for other indications are now being tested as potential effective antiemetics This work represents the first available comprehensive summary that details all new antiemetic agents and particularly their clinical role in treating patients an important reference for practitioners seeking to improve the quality of life of patients undergoing chemotherapy

Emesis in Anti-Cancer Therapy Paul L. R. Andrews, G. J. Sanger, 1998-09-04 This book aims to provide a synthesis of current information on the mechanisms and treatment of two of the most common side effects of anti cancer therapy nausea and vomiting In the past three years considerable progress has been made towards understanding the neuropharmacology of emesis induced by anti cancer therapy The novel class of 5HT3 receptor antagonist anti emetics are therefore considered in a physiological and clinical context

Pain Genetics Inna Belfer, Luda Diatchenko, 2013-11-15 Pain

Genetics Basic to Translational Science is a timely synthesis of the key areas of research informing our understanding of the genetic basis of pain The book opens with foundational information on basic genetic mechanisms underlying pain perception and progresses recently discovered complex concepts facing the field The coverage is wide ranging and will serves as an excellent entry point into understating the genetics of pain as well as providing a single resource for established researchers looking for a better understanding of the diverse strands of research going on in the area With contributors painstakingly selected to provide a broad range of perspectives and research Pain Genetics will be a valuable resource for geneticists neuroscientists and biomedical professionals alike

Oxford Textbook of Palliative Care for Children Ann Goldman,Richard Hain,Stephen Liben,2006 An authoritative text which defines the increasingly important specialty of paediatric palliative care It explores both the clinical aspects and the holistic nature of care for the dying child Taking an evidence based approach the book covers ways of providing support for the child families and carers

Pharmacology and the Nursing Process E-Book Linda Lane Lilley,Shelly Rainforth Collins,Julie S. Snyder,2022-01-19 NEW Updated drug content reflects the latest FDA drug approvals withdrawals and therapeutic uses and includes updated nursing content

Oncology Nursing Forum ,1997

Lilley's Pharmacology for Canadian Health Care Practice - E-Book Kara Sealock,Cydnee Seneviratne,Linda Lane Lilley,Julie S. Snyder,2020-10-18 UPDATED Thoroughly updated drug content reflects the very latest Health Canada drug approvals withdrawals and therapeutic uses as well as corresponding updated nursing content NEW Coverage of current top of mind topics includes pharmacology as it pertains to palliative care the legalization of marihuana for both medical and recreational purposes issues surrounding the use and misuse of fentanyl and the take home distribution of naloxone kits used to tackle the growing fentanyl crises and more NEW The latest Canadian statistics research legislation regulations and clinical practice guidelines have been incorporated throughout the text as well as content reflecting the 2017 CNA Code of Ethics updated references and more NEW Additional examination review questions help readers more thoroughly prepare for credentialing exams NEW Updated case studies better reflect the diverse Canadian population NEW Expanded visual program incorporates more diagrams graphs charts and photos throughout the text to accompany difficult concepts and theories and help facilitate learning NEW Incorporation of the Truth and Reconciliation Commission of Canada s Calls to Action in chapters 4 and 7 now covers Indigenous health and healing practices an explanation of the Indigenous medicine wheel and alternative medicinal interventions

Cancer Therapy: The Challenge of Handling a Double-Edged Sword Raquel Abalo,Kulmira Nurgali,John A. Rudd,Halina Was,2022-10-18

5-Hydroxytryptamine-3 Receptor Antagonists Francis D. King,Brian J. Jones,Gareth J. Sanger,1993-10-22 5 Hydroxytryptamine 3 Receptor Antagonists provides a comprehensive authoritative review of the topic featuring contributions by recognized leaders in the field The book s three sections cover compound discovery and activity rationalization the use of compounds for studying 5 HT3 receptors and their applications to therapeutics This book will be an

important reference for oncologists researchers working with the CNS and gastrointestinal disorders and anyone working in the 5 HT field within the pharmaceutical arena academia and medical practice

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