

Management of upper gastrointestinal bleeding

This visual summary presents a practical approach to initial management of patients with upper gastrointestinal bleeding. Peptic ulcers are the most common cause of serious bleeding from the oesophagus, stomach, and duodenum, and can be identified with simple diagnostic tests.

Actions in parallel



Obtain blood chemistry



Obtain medical history

Initial assessment

Check circulatory status to assess need for immediate interventions.

Blood pressure may remain normal initially, so increased heart rate is a more sensitive measure of circulatory status.

Haemodynamically stable



Signs of current bleeding

- Hematochezia
- Haematemesis

Urgent intensive care involvement required for:



- Haemodynamically unstable
- Airway compromise
- Hypoxia
- Reduced level of consciousness

Initial resuscitation



2 x Large bore intravenous access



Intravenous fluids



Urinary catheter (if required)



Pharmacological treatment (proton pump inhibitor)

Risk stratification Glasgow-Blatchford Score (GBS)

Systolic blood pressure mmHg

100–109	1
90–99	2
< 90	3

Blood urea mmol/L

6.5–7.9	2
8.0–9.9	3
10.0–24.9	4
≥ 25.0	5

Haemoglobin g/dL

Men	Women	
12.0–12.9	10.0–11.9	1
10.0–11.9		3
< 10.0	< 10.0	5

Pulse ≥ 100	1
Melaena	1
Syncope	2
Hepatic disease	2
Cardiac failure	2

Total score

0–1

Low risk of death. Can be considered for outpatient management.

2–5

Increased risk of 30-day mortality

6–7 Predicts need for endoscopic haemostatic intervention, but needs individual evaluation

Total score

0–1

Early discharge
Endoscopy in outpatient clinic

Total score

2+

Proton pump inhibitor
Eradication of any *Helicobacter pylori* infection

Haemodynamically stable
Endoscopy within 24 hours

Successful haemostasis

Embolisation therapy

Transcatheter arterial embolisation should be considered as the next alternative after unsuccessful endoscopy, because it is effective and associated with less risk of major complications than surgery.

Haemodynamically unstable
Emergency endoscopy

Not successful haemostasis

Surgery

If transcatheter arterial embolisation is unsuccessful or not available, surgery is the only remaining treatment to stop peptic ulcer bleeding. A minimal surgical approach with over-sewing of the ulcer is preferable, but depending on size and location of ulcer, open surgery may be required.



Upper Gastrointestinal Bleeding Guidelines

**Gerard J. Criner, Rodger E.
Barnette, Gilbert E. D'Alonzo**



Upper Gastrointestinal Bleeding Guidelines:

Management of Acute Upper and Lower Gastrointestinal Bleeding Scottish Intercollegiate Guidelines Network, Great Britain. National Health Service, 2008 This guideline provides recommendations based on current evidence for best practice in the management of acute upper and lower GI bleeding Upper GI bleeding is that originating proximal to the ligament of Treitz in practice from the oesophagus stomach and duodenum Lower GI bleeding is that originating from the small bowel and colon This guideline focuses upon upper GI and colonic bleeding since acute small bowel bleeding is uncommon The guideline includes the assessment and management of variceal non variceal and colonic bleeding in adults The guideline deals with the management of bleeding that is of sufficient severity to lead to emergency admission to hospital Bleeding of lesser severity is subject to elective investigation and is not considered The management of patients under the age of 14 is not covered by this guideline *JRCALC Clinical Guidelines 2022* Joint Royal Colleges Ambulance Liaison

Committee, Association of Ambulance Chief Executives, 2022-11-07 Combining expert advice with practical guidance the Joint Royal Colleges Ambulance Liaison Committee Clinical Guidelines are the essential resource for paramedics The guidelines are written specifically for the ambulance paramedic role providing a comprehensive overview of the principle areas they may encounter and supporting them in providing excellent patient care This 2022 edition has been updated with the latest evidence and developments in clinical practice Key reviews have taken place on guidelines within the Resuscitation and Special Situations sections as well as updates to Maternity guidelines such as Care of the Newborn and Newborn Life Support Medicine guidelines have been removed but are available on the iCPG and JRCALC Plus apps where they are regularly updated to ensure that the most up to date guidance is available to clinicians The JRCALC Clinical Guidelines 2022 now contains crucial guidance on topics including Acute Behavioural Disturbance Alcohol use disorders Low Back Pain Non Traumatic Patients with Communication Difficulties Steroid Dependent patients Vascular Emergencies Medicine information and updates to guidelines are published on the JRCALC apps iCPG and JRCALC Plus as required The JRCALC apps contain the complete and most current information **JRCALC Clinical Guidelines 2019** Association of Ambulance Chief

Executives, Joint Royal Colleges Ambulance Liaison Committee, 2019-08-05 The Joint Royal Colleges Ambulance Liaison Committee guidelines are the essential resource for paramedics The 2019 edition of the book has been brought up to date with the latest evidence and developments in clinical practice JRCALC combines expert advice with practical guidance to help paramedics in their challenging roles with the overall objective of improving patient care Key updates are Resuscitation and cardiac arrest The pathophysiology of cardiac arrest checklist use and pulseless electrical activity is discussed extensively within the context of every day out of hospital practice A new guideline on tracheostomy and laryngectomy is included alongside clinical skills photographs Consent and patient confidentiality The guideline is brought up to date with the Data Protection Act 2018 following the General Data Protection Regulations Mental health presentation crisis distress and

disordered behaviour A reviewed guideline supports the clinician with practical help on the assessment and management of different mental health illnesses Major complex and high risk Incidents A revision by the National Ambulance Resilience Unit covers poisons rail incidents and police incapacitants New medicines are included Activated charcoal duodote and morphine sulfate for end of life care Other reviews and updates include head injury hyperventilation syndrome stroke respiratory illness in children and acute coronary syndrome

The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry David M. Taylor, Fiona Gaughran, Toby Pillinger, 2020-10-09 Learn to improve your assessment investigation and management of physical health conditions in people with severe mental illness The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry offers psychiatric and general practitioners an evidence based and practical guide for the appropriate assessment investigation and management of common physical health conditions seen in people with severe mental illness Written by a renowned team of respected experts in medicine surgery pharmacy dietetics physiotherapy and psychiatry the book bridges the gap between psychiatric and physical health services for the severely mentally ill The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry also provides practitioners with expert guidance on making effective referrals to other medical and surgical subspecialties telling readers what information subspecialties would expect to receive Its use will improve the quality of clinical care received by mentally ill patients and by promoting a holistic approach to treatment that considers both body and mind will enhance the therapeutic relationship between patient and practitioner The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry covers the following Guidance on assessment and management of well over a hundred different medical and surgical presentations commonly seen in people with serious mental illness Management of physical health emergencies in a psychiatric setting Evidence based approaches to management of physical side effects of psychiatric medications Advice on approaches to promote a healthy lifestyle in people with serious mental illness such as smoking cessation and changes to diet and physical activity Perfect for both psychiatrists and general practitioners who wish to improve the quality of care they provide to people with serious mental illness The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry will be of use to anyone setting out to navigate the divide between the treatment of psychiatric and physical health conditions

The Saint-Chopra Guide to Inpatient Medicine Vineet Chopra, 2025 This 5th edition focuses on the most commonly encountered problems in hospital medicine presented in a handy user friendly outline It provides an easily accessible framework to help students residents and inpatient clinicians diagnose and develop treatment and management approaches for a broad range of medical conditions

The Clinician's Guide to Acid/peptic Disorders and Motility Disorders of the Gastrointestinal Tract Henry P. Parkman, 2006 A practical guide that allows access to the advances made in recent years in acute treatment and maintenance therapy The authors have written a unique reference for the management of patients with these gastrointestinal disorders Comprehensive and user friendly the topics covered in the treatment of acid peptic disorders and

motility disorders range from daily medication to on demand programs Highlights clinical advances made in the care of patients including a focus on symptoms causes evaluation and treatment As part of The Clinician s Guide to GI Series this text serves as a concise reference that allows clinicians to quickly access and evaluate the necessary information for treating and managing patients with acid peptic and motility disorders *Standard Treatment Guidelines—A Manual for Medical Therapeutics, 6e* Sangeeta Sharma,GR Sethi,2021-09-01 Presenting a practical book on managing the patient Why To assist busy clinicians in clinical decision making To reduce inappropriate clinical variation in practice To improve quality of care and patient safety How User friendly ready reckoner Holistic approach Up to date Evidence based For Whom General practitioners Primary care physicians Undergraduate medical students Postgraduates and Resident doctors Consultants This clinically oriented book covers more than 330 priority diseases in 11 specialties focusing on clinical manifestations therapeutic advances patient management and patient education This edition presents you with Major revisions reflecting latest recommendations in all chapters and presenting new algorithms Key information on COVID 19 pandemic Restandardized cardio pulmonary resuscitation algorithms and guidelines in view of the COVID 19 pandemic Severe acute respiratory infections SARI including COVID 19 management of COVID 19 and co infections Pregnancy in COVID 19 etc A new chapter on tumours and cancers with a special focus on screening and early diagnosis and treatment of some of the most common cancers Several new priority diseases namely syncope button battery injuries acute encephalitis syndrome cerebral palsy club foot scrub typhus herpes zoster ophthalmicus frost bite polycystic ovarian syndrome PCOS etc Antimicrobial Stewardship principles in the treatment of infectious diseases Large number of experts have contributed in this book to help solve the problems you encounter in everyday practice This reader friendly up to date and comprehensive book provides expert information you can use immediately in your clinical practice including goals of treatment and assessment of response to therapy with step up as well as step down criteria A busy clinician can thus make an informed effective patient management decision for different levels of health care from primary health care to detailed protocols for tertiary care health centres **Critical Care Study Guide** Gerard J. Criner,Rodger E. Barnette,Gilbert E. D'Alonzo,2010-06-27 Critical care medicine is a dynamic and exciting arena where complex pathophysiologic states require extensive knowledge and up to date clinical information An extensive knowledge of basic pathophysiology as well as awareness of the appropriate diagnostic tests and treatments that are used to optimize care in the critically ill is essential Since our first edition 7 years ago new information crucial to the care and understanding of the critically ill patient has rapidly accumulated Because this knowledge base crosses many different disciplines a comprehensive multidisciplinary approach presenting the information is essential similar to the multidisciplinary approach that is used to care for the critically ill patient We have strived to provide this content in an easily digestible format that uses a variety of teaching tools to facilitate understanding of the presented concepts and to enhance information retention To meet the demand to provide comprehensive and diverse education in order

to understand the pathogenesis and optimum care of a variety of critical illnesses we have substantially revised the prior topics in the first edition with updated information We have also markedly expanded the number of topics covered to include acute lung injury and the acute respiratory distress syndrome an expanded discussion of the physiology and operation of mechanical ventilation obstetrical care in the ICU neurosurgical emergencies acute coronary syndromes cardiac arrhythmias role of whole body rehabilitation in the ICU ethical conduct of human research in the ICU and nursing care of the ICU patient

Clinical Surgery: A Practical Guide Qassim Baker, Munther Aldoori, 2009-07-31 Clinical Surgery A Practical Guide is a handbook for all trainees in surgery providing an invaluable and expert guide to all aspects of clinical surgery that the trainee will encounter during their day to day work General chapters on clinical examination pre operative peri operative and post operative care are accompanied by expert guidance on

The Saint-Chopra Guide to Inpatient Medicine Sanjay Saint, Vineet Chopra, 2018-11-09 THE DEFINITIVE GUIDE TO INPATIENT MEDICINE UPDATED AND EXPANDED FOR A NEW GENERATION OF STUDENTS AND PRACTITIONERS A long awaited update to the acclaimed Saint Frances Guides the Saint Chopra Guide to Inpatient Medicine is the definitive practical manual for learning and practicing inpatient medicine Its end to end coverage of the specialty focuses on both commonly encountered problems and best practices for navigating them all in a portable and user friendly format Composed of lists flowcharts and hot key clinical insights based on the authors decades of experience the Saint Chopra Guide ushers clinicians through common clinical scenarios from admission to differential diagnosis and clinical plan It will be an invaluable addition and safety net to the repertoire of trainees clinicians and practicing hospitalists at any stage of their career

Prophylactic Surgery Osman Nuri Dilek, Selman Uranues, Rifat Latifi, 2021-03-15 This volume introduces the reader to the most important standards and principles of prophylactic surgery After discussing the comparative effectiveness of screening in the treatment of hereditary cancer syndromes and evaluating genetic predisposition the book moves on to address ethical legal social and cost effectiveness dimensions of prophylactic surgery With the aim of preventing hereditary predisposition syndromes it also includes a chapter on the application of preventive surgery to all specific fields of surgery Given its scope the book will appeal to a broad readership from experienced surgeons to students

The Junior Doctor's Guide to Gastroenterology Louisa Baxter, Neel Sharma, Ian Mann, 2018-08-11 Becoming a first year doctor is a stressful time you are suddenly member of a medical team People often feel out of their comfort zone and are commonly too embarrassed to ask for help or advice Gastroenterology concerns a large number of patients and is a commonly encountered area of medicine that all doctors are exposed to even if they are working in a different specialty It covers disorders of the gastrointestinal tract pancreas gallbladder and liver This practical user friendly guide to gastroenterology for the junior doctor consolidates knowledge on common gastroenterological problems Its unique approach offers logical explanations of investigations and ways to interpret results it also outlines complications prognoses and management and contains vital information on running successful ward rounds Concise and easy to read The

Junior Doctor's Guide to Gastroenterology helps you to make informed confident decisions and gives you the assurance to optimise your time in gastroenterology *Literature Search* National Library of Medicine (U.S.),1980 Current Bibliographies in Medicine ,1988 **A Practical Guide to Care of Spinal Cord Injuries** Hyun-Yoon Ko,2023-09-29 This book structured as a collection of questions and answers commonly encountered in the care of individuals with spinal cord injuries aims to facilitate easy access to clinical and practical information for those involved in their treatment The author known for their expertise in spinal cord injuries has developed this book to offer concise knowledge specifically tailored for clinicians and related healthcare professionals engaged in the care of spinal cord injuries Unlike his previous works this book goes beyond the traditional format and incorporates more concise and clinically oriented questions and answers Drawing from the author's practical experience and his role in training resident physicians in spinal cord medicine at the University Hospital the content of this book addresses practical and clinical considerations To enhance clinical understanding the book extensively employs figures and tables throughout its comprehensive coverage of various aspects of spinal cord medicine The author aspires for this book to serve as a valuable clinical companion providing supplemental practical guidance for daily practice in the field of spinal cord injuries *Blombäck's Essential Guide to Blood Coagulation* Jovan P. Antovic,Maria Magnusson,2026-01-20 New edition of a concise comprehensive easy to read pocket book distilling the most clinically up to date information on thrombotic and bleeding disorders In a concise manner Blombäck's Essential Guide to Blood Coagulation distills the most clinically up to date information on thrombotic and bleeding disorders including the latest treatment strategies for key conditions and diseases This book covers both the stable and the acute stages of hereditary and acquired bleeding and thrombotic disorders in adults children and geriatric patients It also highlights the laboratory tests that can aid in diagnosing and identifying the cause of bleeding and or thrombosis in a patient The book is organized into four main sections each featuring numerous updates in this new edition The first part introduces the reader to laboratory hemostasis and hemostasis physiology The second part covers bleeding disorders including a new chapter on bleeding disorders and aging The third part discusses thromboembolic disorders with a new chapter on extracorporeal membrane oxygenation ECMO The final section addresses special issues in hemostasis with new chapters on hemostasis in renal disease liver disorders and cancer as well as updated information on thrombotic thrombocytopenic purpura This edition of Blombäck's Essential Guide to Blood Coagulation also includes updates on Hemostasis in COVID 19 and vaccine induced thrombotic thrombocytopenia VITT a rare condition observed during pandemic Critical bleeding in different clinical situations and hemostasis in obstetrics and gynecology Platelet disorders and rare coagulation factor deficiencies cerebral vein and splanchnic vein thrombosis The greater paradigm shift in the treatment of hereditary bleeding disorders since the last edition was published Laboratory issues in hemostasis including nomenclature and sampling Specific issues of hemostasis in children Compact enough to fit into a coat pocket Blombäck's Essential Guide to Blood Coagulation is a valuable guide for all

those treating patients to expand their knowledge of hemostatic disorders This text fills a void for the residents fellow doctors and practicing physicians who need rapid access to up to date information

The Merck Manual Go-To Home Guide For Symptoms Robert S Porter,Justin Kaplan,2013-10-29 The Merck Manual Go To Home Guide for Symptoms takes complex medical information and makes it easy to understand and accessible to an everyday audience It covers a wide range of everyday symptoms from abdominal pain to wheezing and almost everything in between Every section provides a comprehensive look at each symptom s Causes both common and less common Evaluation warning signs when to see a doctor what the doctor does and testing Treatment a wide array of options and Key points the most important information about the symptom It also includes helpful tables and illustrations Organized in a 2 color 500 page paperback format makes it easy for busy families to quickly find the information they need Symptoms covered include Back Pain Cough Fatigue Fever Headache Heartburn Itching Joint Pain Nausea Swelling and many more

Baby Bear Book, The: A Practical Guide On Paediatrics (Fourth Edition) Kok Wee Chong,Yi Hua Tan,2023-01-05 For the past two decades The Baby Bear Book has been the go to text for healthcare professionals caring for sick children in Singapore With an emphasis on the clinical aspects of paediatric care the 4th edition includes important revisions and new chapters by experienced clinicians to enhance its usefulness in today s practice The Baby Bear Book is a practical guide which provides the latest evidence based information that is relevant to the care of children from newborn through adolescence This book provides key messages from the relevant literature and practical solutions to real problems faced by those who work with sick children presented by experienced expert paediatricians It is a ready reference for paediatricians and family physicians at every stage of their training and long after

A Nurse's Survival Guide to Acute Medical Emergencies Updated Edition Richard N. Harrison,2018-11-06 Are you a nurse a physician s associate or a medical student in an acute or emergency unit This is your indispensable primer of acute medical care a pocket guide to caring for patients with acute medical conditions This book will help you to care for patients in the first critical 24 hours of admission manage patients using the most up to date evidence based approach understand the most common emergency medical conditions and their underlying disease mechanisms handle the patient s assessment understand the observations and manage their disease easily obtain clear practical advice know what to tell the patient and relatives using jargon free language access information on SARS avian influenza and bio terrorism This updated edition contains improved sections on stroke care diabetes and sepsis introduces the NEWS 2 observation chart has revised its case histories in line with current practice This updated edition contains improved sections on stroke care diabetes and sepsis introduces the NEWS 2 observation chart has revised its case histories in line with current practice

Understanding Acute Illness: A Comprehensive Guide Pasquale De Marco,2025-07-11 In the realm of healthcare the sudden onset of acute illness can be a life altering event leaving individuals and their loved ones grappling with uncertainty and fear Understanding Acute Illness A Comprehensive Guide is a beacon of hope offering clarity and guidance through the complexities of acute care This

comprehensive book delves into the intricacies of acute illness empowering readers with a profound understanding of its physiological underpinnings assessment and diagnosis processes and evidence based management strategies Written in an engaging and accessible style it serves as an invaluable resource for healthcare professionals patients and their families alike Within these pages readers will embark on a journey of discovery unraveling the intricate mechanisms of the body's response to acute illness They will gain insights into the pathophysiology of common acute conditions including respiratory emergencies like asthma and pneumonia cardiovascular crises such as heart attacks and strokes and a wide range of other life threatening conditions Understanding Acute Illness emphasizes the paramount importance of prompt intervention highlighting the critical role of early recognition and treatment in improving patient outcomes It underscores the significance of a patient centered approach recognizing the unique needs and circumstances of each individual facing acute illness With a focus on both medical and holistic care this book provides a comprehensive understanding of the physical emotional and psychological aspects of acute illness It offers practical guidance on managing symptoms coping with stress and navigating the healthcare system Through its clear explanations informative case studies and practical advice Understanding Acute Illness empowers readers to navigate the complexities of acute care with confidence and competence It is an indispensable resource for healthcare professionals seeking to enhance their knowledge and skills and for individuals and families seeking to understand and manage acute illness This book is more than just a medical guide it is a lifeline a beacon of hope in the face of adversity It is a testament to the resilience of the human spirit and the unwavering commitment of healthcare professionals to alleviating suffering and restoring health If you like this book write a review

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