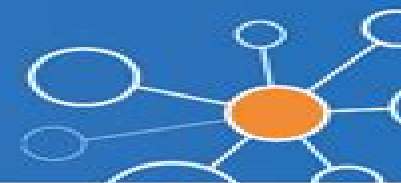


FLUID BALANCE CHARTS (FBCs): Improving Completion and Accuracy

Silvia Oliva, Helen Overton and Viv McCrorie



1. Background

Fluid balance is a term described as the balance of the input and output of fluids in the body to allow metabolic processes to function correctly. It is an essential tool to determine the hydration status.

Hypovolemia and hypervolemia can increase mortality and morbidity. Therefore, the accuracy in recording fluid intake and output is vital for the management of certain patients.

Frequently, this assessment has been poorly documented on Lilleybrook Ward and this is why we decided that this needed to be corrected.

2. Aim

To achieve 90% completion and accuracy of FBCs by 1st April 2019.

3. Method

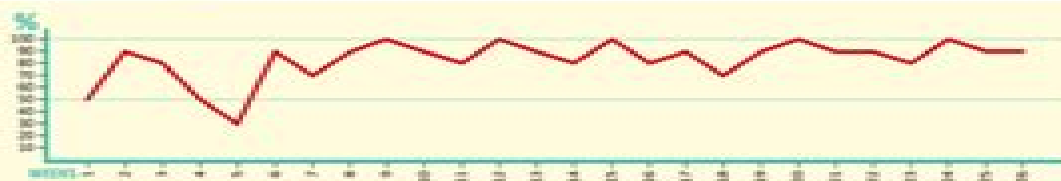
- Provide training to all nursing staff involved in the monitoring of FBCs.
- Involve patients and relatives in the completion of the FBCs.
- Place FBCs in the front of the Nursing Folder and mention in handovers.
- Audit the FBCs for 26 weeks (half year).

5. Results & Measurements

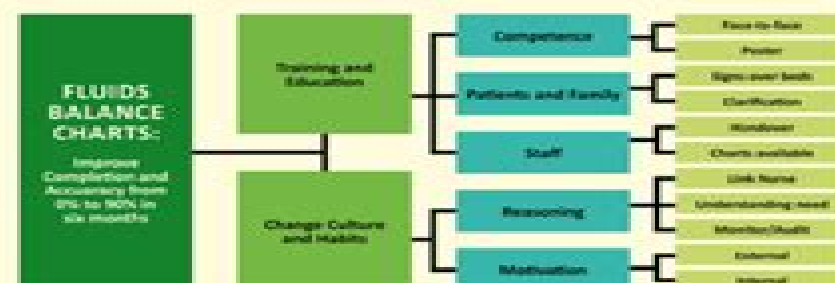
For a period lasting 26 weeks we monitored the FBCs on the ward once a week.

The completions and accuracy improved for the few first weeks, achieving a stable period after weeks 10-12.

We have achieved 93.5% completion and accuracy of the FBCs on the ward.



4. Driver Diagram



6. PDSA Cycle



7. Conclusion

The importance of having accurately completed fluid balance charts is vital in order to assess the hydration status of the patients.

During the 26 weeks auditing period we have achieved our goal of 90%.

It is very important to continue to educate nursing staff, patients and relatives regarding this issue.

8. Next Steps

We will continue auditing these charts once a month, to ensure that we do not fall under 90%, and even try to achieve 100% completion and accuracy of FBCs.

We will continue this education when needed, both formally and informally.

These findings could be transferred to any departments experiencing low-compliance with FBCs.

Fluid Balance Chart Guidelines

Hammam Gharbia

A decorative red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the author's name.

Fluid Balance Chart Guidelines:

The Unofficial Guide to Prescribing e-book Zeshan Qureshi, Simon R J Maxwell, 2014-01-31 The Unofficial Guide to Prescribing lays out the practical steps of how to assess investigate and manage a patient with a focus on what to prescribe and how to prescribe it Its aim is to empower newly graduated junior doctors to excel at dealing with emergencies and handling complex prescribing scenarios Prescribing errors cost healthcare systems millions annually so early training in prescribing has become an urgent priority of medical education and now forms an essential part of teaching and assessment The Unofficial Guide to Prescribing from the same stable as The Unofficial Guide to Passing OSCEs is a new book designed to address this requirement It is written by junior doctors still close to the transition from theory to practice overseen by a review panel of senior clinicians to ensure accuracy and designed to help medical students practise and learn as much as possible about prescribing in actual clinical scenarios before they have to do it for real Each scenario is presented as you would see it in the hospital setting and covers Initial step by step assessment of the patient how to assess assessment findings and immediate management Initial investigations Initial management Reassessment Treatment Handing over the patient Prescribe alerts throughout Written up drug charts Blank drug charts for copying and practice *The Royal Marsden Manual of Clinical Nursing Procedures* Lisa Dougherty, Sara Lister, 2015-03-05 Nationally recognised as the definitive guide to clinical nursing skills The Royal Marsden Manual of Clinical Nursing Procedures has provided essential nursing knowledge and up to date information on nursing skills and procedures for over 30 years Now in its 9th edition this full colour manual provides the underlying theory and evidence for procedures enabling nurses to gain the confidence they need to become fully informed skilled practitioners Written with the qualified nurse in mind this manual provides up to date detailed evidence based guidelines for over 200 procedures related to every aspect of a person s care including key information on equipment the procedure and post procedure guidance along with full colour illustrations and photos Following extensive market research this ninth edition contains the procedures and changes in practice that reflect modern acute nursing care includes thoroughly reviewed and updated evidence underpinning all procedures is organised and structured to represent the needs of a patient along their care pathway integrates risk management into relevant chapters to ensure it is central to care contains revised procedures following hands on testing by staff and students at Kingston University is also available as an online edition **Intravenous Therapy Administration: a practical guide** Nicola Brooks, 2017-07-20 This handy book written by the author of the very popular Venepuncture and Cannulation A Practical Guide offers step by step guidance in how to administer intravenous fluids and medicines It will be equally helpful whether you are already practising intravenous therapy and wish to refresh or update your knowledge or you are learning this skill for the first time Each chapter contains intended learning outcomes clinical points for practice and activities that enable you to relate the content to your own clinical area The book opens with a general discussion of intravenous therapy followed by an

overview of the circulatory system and different types of intravenous access The author explains how to calculate medication doses and describes relevant aspects of pharmacodynamics and pharmacokinetics She looks at safe techniques used in the administration of intravenous fluids and medications and how to use different types of infusion devices as well as the potential risks complications and adverse reactions associated with intravenous therapy The final chapter explores the professional responsibilities of the healthcare practitioner Contents What is intravenous therapy and why is it used An overview of the circulatory system and related anatomy and physiology of the peripheral vascular system Intravenous access and care of the site Calculating medication doses How drugs work an introduction to pharmacokinetics and pharmacodynamics Safe administration of intravenous fluids and medicines Using an infusion device Risk complications and adverse reactions Professional responsibilities Appendices Competency checklist for the preparation of intravenous therapy using a bolus method Competency checklist for the preparation of intravenous therapy using an intermittent or continuous infusion method Record of supervised practice *Nursing & Health Survival Guide: Objective Structured Clinical Examination (OSCE)* Nina Godson,Kelly Ryan,2014-05-22 Preparing for an Objective Structured Clinical Examination OSCE is very different from preparing for a theoretical knowledge examination your clinical skills and performance will be tested rather than just your knowledge of the theory It is important to understand how to achieve the best results in an OSCE and this handy pocket sized guide describes each clinical skill in turn to help you feel confident and prepared for the exam The Nursing Health Survival Guides have evolved take a look at our our app for iPhone and iPad **A Guide for International Nursing Students in Australia and New Zealand** M. Bernadette Hally,2008 A Guide for International Nursing Students is an essential resource for overseas nurses and international students of nursing in Australia and New Zealand It assists the reader to develop essential communication skills for practice as a student and registered nurse in the region A companion CD allows the reader to become familiar with authentic nursing conversations and nursing handovers Provided by publisher

Placement Learning in Medical Nursing,A guide for students in practice,1 Maggie Maxfield,2012 Placement Learning in Medical Nursing covers the following areas Takes a logical step by step approach to preparing for learning on a medical nursing placement Provides the principles of care treatment and management of an individual linking university learned theory to clinical practice Gives helpful evidence based practice examples and resources to support placement learning Identifies clinical skills that underpin care of an individual Highlights potential learning opportunities and experiences available on a medical nursing placement Explains how to develop your clinical portfolio by completing specific exercises and activities Maps all activities and exercises to the NMC competencies Advises on approaches to a range of situations that may arise as a student nurse Adopts a case study patient pathway approach to consolidating learning from pre diagnosis through a range of treatment options to discharge Publisher *Stoma Care Specialist Nursing: A Guide for Clinical Practice* Maddie White,Angie Perrin,2023-03-01 This book provides specialist and general nurses with a

comprehensive guide to the art and science of stoma care nursing from the Association of Stoma Care Nurses UK the only association for SCNs in UK The chapters follow a schematic outline of knowledge required for nurses caring for patients who are undergoing stoma surgery from the essence of nursing to the management of patients living with a long term condition It also presents and discusses the issues surrounding the clinical picture such as prescription and community issues as well as sources of support available for patients This text serves as an excellent resource for all disciplines of health care staff caring for individuals living with a stoma *Essential Practical Prescribing* Georgia Woodfield,Benedict Lyle Phillips,Victoria Taylor,Amy Hawkins,Andrew Stanton,2016-06-13 ESSENTIAL PRACTICAL PRESCRIBING The Essentials are an international best selling series of textbooks all of which are designed to support lecture series or themes on core topics within the health sciences See www.wileyessential.com for further details Essential Practical Prescribing is an important new textbook with a clinical ward based focus It is specifically designed to help new foundation doctors working on the hospital wards and in the community as well as medical students preparing for the Prescribing Safety Assessment Using an accessible format Essential Practical Prescribing demonstrates how to manage common medical conditions and explains the logic behind each decision It also emphasises common pitfalls leading to drug errors and highlights drugs that could cause harm in certain situations Organised by hospital department it outlines the correct management of conditions as well as highlighting the typical trials of a junior doctor Essential Practical Prescribing Contains a range of learning methods within each chapter including key topics learning objectives case studies DRUGS checklists Top Tips advice on guidelines and evidence and key learning points Uses patient histories to set the scene and enhance the clinical emphasis Offers examples of correctly completed drug charts throughout Is an ideal companion for Prescribing Safety Assessment PSA preparation For more information on the complete range of Wiley medical student and junior doctor publishing please visit www.wileymedicaleducation.com All content reviewed by students for students Wiley Medical Education books are designed exactly for their intended audience All of our books are developed in collaboration with students This means that our books are always published with you the student in mind If you would like to be one of our student reviewers go to www.reviewmedicalbooks.com to find out more *Practical Chemotherapy - A Multidisciplinary Guide* Maxwell Summerhayes,Susanna Daniels,2018-04-19 The growth in chemotherapy has led to a great need for all those involved to be familiar with safe procedures based on best evidence based practice Practical Chemotherapy a multidisciplinary guide is a comprehensive and straightforward guide describing over 70 widely used chemotherapy regimens helping to make their prescription and administration safer and less problematic Checklists throughout the book are specifically tailored for the needs of each professional group involved in treatment and are intended to help prevent potentially serious mistakes that can occur This book is unique in its practical emphasis and will be invaluable for doctors pharmacists and nurses working in oncology and haematology *The Royal Marsden Manual of Clinical Nursing Procedures, Professional Edition* Sara Lister,Justine Hofland,Hayley Grafton,2020-07-07 Now in its tenth

edition The Royal Marsden Manual of Clinical Nursing Procedures has been the definitive market leading guide to clinical nursing skills for over three decades This internationally best selling title sets the gold standard for nursing care providing the procedures rationale and guidance required by qualified nurses to deliver clinically effective patient focused care with expertise and confidence With over two hundred detailed procedures this comprehensive manual presents the evidence and underlying theory alongside full colour illustrations and photographs and includes coverage of infection prevention and control perioperative care wound management nutrition diagnostic testing discharge medicines management and much more Loved and trusted by millions for over thirty years The Royal Marsden Manual of Clinical Nursing Procedures continues to be a truly indispensable guide for nursing practice Written by nurses for nurses Empowers nurses to become informed skilled practitioners Reflects current procedures and changes in modern adult nursing practice All procedures are supported by up to date evidence including detailed rationales for each step of each procedure Considers the clinical governance around the procedures and nursing practice NEW to the Tenth Edition Each chapter is linked to the NMC 2018 Future Nurse Standards of Proficiency for Registered Nurses guidance Includes a brand new chapter on Self Care and Wellbeing helping nurses to care for themselves emotionally and physically The Royal Marsden Manual is also available online fully searchable and annotatable www.rmmonline.co.uk **Practical Guide for General Nursing Science Pt 2** Magda Mulder,1999-05

The Auxiliary Nurse's Guide J. C. Stevenson,1993 This handbook accommodates the South African Nursing Council's instructions and guidelines concerning the auxiliary nurse's training and scope of practice The 11 chapters are split into several units each unit focusing on a specific procedure or topic Each unit starts with a statement of its educational aims making it easier for the auxiliary nurse to carry out her/his tasks and for the educator to evaluate progress The author cites reference sources at the end of each chapter to assist both the learner and the mentor Explanatory illustrations accompany the straightforward and clearly written text **The Unofficial Guide to Medical and Surgical Emergencies - E-Book** Varshini Manoharan,Vijaytha Muralidharan,Agalya Ramanathan,Jameela Sheikh,Anna Kathryn Taylor,2022-12-24 The unique and award winning Unofficial Guides series is a collaboration between senior students junior doctors and specialty experts This combination of contributors understands what is essential to excel on your course in exams and in practice as well as the importance of presenting information in a clear fun and engaging way Packed with hints and tips from those in the know when you are in a hurry and need a study companion you can trust reach for an Unofficial Guide The Unofficial Guide Medical and Surgical Emergencies offers a collection of common clinical emergency scenarios It walks you through the practical steps of the decision making process from taking a referral through to making a management plan and prescribing all designed to ensure safe and best practice With plenty of tips to support your clinical reasoning real time examples and a focus on initial management before a diagnosis is clear this book is ideal for medical students as well as junior doctors wanting a quick reference guide or revision aid Clear simple practical tips for managing common emergency scenarios

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A Nurse's Survival Guide to Critical Care - Updated Edition

Sharon L. Edwards, Joyce Williams, 2019-04-17 Are you a starting work in critical care Are you an experienced nurse but need to check guidelines and best practices This is the indispensable guide to daily procedures and problems faced by nurses working in this specialty This book will help you to Organise your job and yourself Assess patients and communicate with them Get clinical information on a wide range of conditions What to do in emergency This UPDATED edition Completely updated and revised content written by authors with extensive nursing experience in the field Physiological psychological and social areas as well as legal issues ethical and moral dilemmas that critical care nurses and health care practitioners may face on a daily basis Boxes tips and diagrams to help bridge the theory practice gap while embarking on your critical care career Part of the A Nurse s Survival Guide series Completely updated and revised content written by authors with extensive nursing experience in the field Physiological psychological and social areas as well as legal issues ethical and moral dilemmas that critical care nurses and health care practitioners may face on a daily basis Boxes tips and diagrams to help bridge the theory practice gap while embarking on your critical care career

The Definitive Guide to the OSCE Ronald M.

Harden, Pat Lilley, Madalena Patricio, 2015-08-07 This book highlights the basic concepts underpinning the OSCE its development and implementation in practice Practical guidelines and tips are provided based on the authors extensive experience gained over 40 years Case studies are included to illustrate the OSCE s use in a wide range of settings and professions to assess the expected learning outcomes The text is supplemented with personal accounts and anecdotes Used globally in all phases of education in the different healthcare professions the OSCE was first described by the lead author Harden in 1975 and it is now the gold standard for performance assessment This book is an invaluable addition It pulls together in one place pretty well everything that is known about the OSCE what works and what doesn t It is a welcome addition to the bookshelf of any educational leader Geoff Norman s Foreword This book provides a full understanding of the basic concepts underpinning the OSCE and shows how to implement an OSCE effectively and efficiently in a variety of contexts It includes case studies demonstrating the use of the OSCE in practice in a range of different fields Practical guidelines and tips are provided based on the authors extensive experience

The Ultimate Guide to Passing Surgical Clinical Finals Mohammed Faysal Malik, Asiya Maula, 2021-07-28

Medical students lack information on preparing for clinical surgical finals particularly on common mistakes and the features which identify successful candidates The Ultimate Guide to Passing Surgical Clinical Finals is an accessible and comprehensive preparation aid equipping final year medical students with the knowledge and skills that they are expected to demonstrate both in clinical surgical finals and in clinical practice as

junior doctors Its tutorial style approach provides advice on how to think logically speak coherently and demonstrate both breadth and depth of knowledge all key hallmarks of successful candidates The book s broad approach reflects the full range of skills and knowledge covered by modern curricula including instruments procedures and the increasing use of surgical imaging It is vital reading for clinical year medical students preparing for final examinations in surgery and for postgraduate students who wish to improve their presentation viva and OSCE clinical examination skills This book s approach is in the best surgical traditions of ordered thinking when it comes to the examination itself I admire this book and commend it to you

From the Foreword by David E Khoo **NMC CBT: High-Yield MCQs & Exam Prep Guide** Hammam Gharbia,2025-08-14

NMC CBT Exam Your Essential Prep Guide Written by Dr Hammam Gharbia this comprehensive study guide is designed to help candidates prepare for the NMC Computer Based Test CBT The book is a meticulously organized question bank that covers a wide range of medical domains crucial for the exam The book s structure includes A section dedicated to multiple choice practice questions Extensive domains that provide thorough coverage of various medical areas A clear table of contents with page numbers for each domain for easy navigation The question and answer format along with detailed explanations or key learning points makes this a valuable resource for self assessment and targeted exam preparation The book covers a wide variety of topics including Calculating dosages and infusion rates Legal and ethical practice including the NMC Code Patient safety and risk management Teamwork collaboration and interpersonal skills Infection control and medication safety Mental health law Research and audit in healthcare Sources *A Survival Guide to Children's Nursing - Updated Edition* Sharon L. Edwards,Imelda Coyne,2019-07-13 Are you working as a children s nurse or doing a placement on a children s ward Are you studying to become a great professional involved in nursing children and young people This user friendly easy to carry textbook is a practical and evidence based guide which provides those in the early stages of their careers with clinical information and insights This book will help you to Gather all the information you need to work with patients in a concise and structure way Obtain the knowledge required and clinical skills needed on a wide range of conditions Have an excellent starting point and great revision aid to refer to when in doubt What will you find in this UPDATED edition Answers to some of your questions about embarking on your career into children s nursing How to satisfy children s requirements and needs in the ward according to their age and stage of their development Examples on legal health and safety issues Completely updated and revised content written by authors with extensive nursing experience in the field Part of the A Nurse s Survival Guide series What will you find in this UPDATED edition Answers to some of your questions about embarking on your career into children s nursing How to safely care for children s needs in the ward according to their age and stage of their development Examples on legal health and safety issues Completely updated and revised content written by authors with extensive nursing experience in the field Part of the A Nurse s Survival Guide series

The Ship Captain's Medical Guide Maritime and Coastguard Agency (Great Britain),1999 Intended primarily for use on

ships where no doctor is carried and it is necessary for laymen to assess and treat injuries and to diagnose and treat ill health. The guide can also be recommended for use in other situations where professional medical advice is not readily available for example on expeditions. This edition has been comprehensively reviewed and updated and covers a wide range of authoritative advice. The recommended measures for prevention and treatment can be safely carried out by an intelligent layman.

A Clinician's Survival Guide to Acute Medical Emergencies - E-Book Richard Harrison, Lynda Daly, 2024-09-10. Selected for 2025 Doody's Core Titles with Essential Purchase designation in Emergency Care. A Clinician's Survival Guide to Acute Medical Emergencies Fourth Edition is a primer in acute emergency care aimed at nursing staff, senior medical students, Foundation Year doctors and physician assistants. This textbook outlines the observations, clinical management and interventions in the critical first 24 hours of admission based on an understanding of the underlying disease mechanisms. The new edition has been updated to cover the management of COVID, the most recent advances in the care of common medical emergencies and the latest iteration of the NEWS Guidance. With a unique focus on the overlap between medical and nursing management in the Acute Medical Unit, this book is an ideal source for the entire acute medical team. Clear, simple and accessible advice on caring for patients in the first 24 hours of admission. Current evidence-based guidance as a cornerstone to a team-based approach. Covers all the common emergency conditions and their underlying disease mechanisms. Explains the rationale of the assessment, observations and management. Focuses specifically on effective communication with the patients and their relatives. Information on COVID, SARS, Avian influenza and bio-terrorism. Updated NEWS 2 scoring and appropriate responses. Revised case histories to reflect current practice. The Clinician's Survival Guide series, formerly A Nurse's Survival Guide, brings you concise, accessible content prepared by experts in a handy, quick reference format.

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