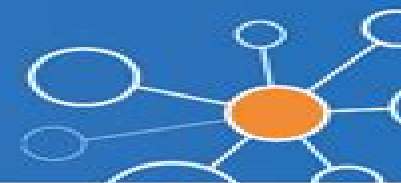


FLUID BALANCE CHARTS (FBCs): Improving Completion and Accuracy

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

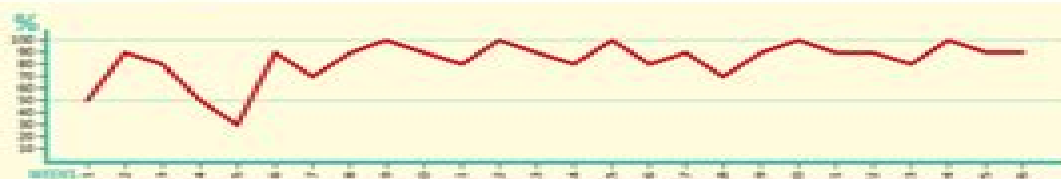
- Provide training to all nursing staff involved in the monitoring of FBCs.
- Involve patients and relatives in the completion of the FBCs.
- Place FBCs in the front of the Nursing Folder and mention in handovers.
- Audit the FBCs for 26 weeks (half year).

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.



6. PDSA Cycle



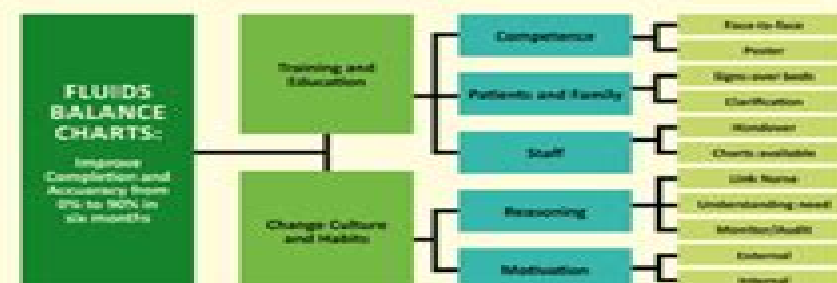
7. Conclusion

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.

4. Driver Diagram



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

J. C. Stevenson



Fluid Balance Chart Guidelines:

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 [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 **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 app for iPhone and iPad *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 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

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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

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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

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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

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web life of the cooler this is the preferred tube for operating temperatures up to 600 f the embedded fin also affords a continued predictable heat transfer and should be used for all coolers operating above 600 f and below 750 f the wrap on footed fin tube can be used below 250 f however the bond between the fin

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web our large fan field erected units are available in bay sizes up to 70 feet by 54 feet and fan diameters up to 36 feet our modular design and construction expertise allows for fast and dependable field erection benefits of the large fan design include air cooled heat exchanger air heat exchanger heat exchanger

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