

CARDIO

ECG Lead Placement

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CARDIO

Reading an ECG

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CARDIO

Common ECG Rhythms

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CARDIO

Heart Sounds and Murmurs

| Murmur | Location | Timing | Character |
|-------------------------|-------------------------------|-----------|-----------|
| Aortic Regurgitation | 2nd ICS, Right sternal border | Diastolic | Blowing |
| Aortic Stenosis | 2nd ICS, Right sternal border | Systolic | Echolic |
| Mitral Regurgitation | 5th ICS, Left sternal border | Diastolic | Blowing |
| Mitral Stenosis | 5th ICS, Left sternal border | Diastolic | Blowing |
| Tricuspid Regurgitation | 5th ICS, Left sternal border | Diastolic | Blowing |
| Tricuspid Stenosis | 5th ICS, Left sternal border | Diastolic | Blowing |

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CARDIO

Cardiac Blood Flow

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CARDIO

Pulse Locations

| Pulse | Location |
|-----------|------------------|
| Carotid | Carotid artery |
| Radial | Radial artery |
| Brachial | Brachial artery |
| Femoral | Femoral artery |
| Popliteal | Popliteal artery |
| Tibial | Tibial artery |

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CARDIO

Heart Anatomy

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CARDIO

AB Locations & Interventions

| AB | Location | Intervention |
|----------|-----------------|-----------------|
| Brachial | Brachial artery | Brachial artery |
| Radial | Radial artery | Radial artery |
| Brachial | Brachial artery | Brachial artery |
| Radial | Radial artery | Radial artery |

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CARDIO

Hemodynamics: Equations and Normal Values

| Parameter | Normal Value |
|--------------------------|--------------|
| Heart Rate | 60-100 bpm |
| Stroke Volume | 70-100 mL |
| Cardiac Output | 5-6 L/min |
| Systemic Blood Pressure | 120/80 mmHg |
| Pulmonary Blood Pressure | 25/15 mmHg |

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RESPIRATORY

Respiratory Anatomy

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RESPIRATORY

Normal and Abnormal Breath Sounds

| Sound | Location | Character |
|----------|----------|-----------|
| Normal | Trachea | Harsh |
| Normal | Lungs | Crackles |
| Abnormal | Lungs | Wheezes |
| Abnormal | Lungs | Stridor |

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RESPIRATORY

ABG Chart

| Parameter | Normal Value |
|-------------|--------------|
| pH | 7.35-7.45 |
| PaO2 | 80-100 mmHg |
| PaCO2 | 35-45 mmHg |
| HCO3- | 22-28 mmol/L |
| Base Excess | -2 to +2 |

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RESPIRATORY

Respiratory Assessment

| Parameter | Normal Value |
|-------------------|-------------------|
| Respiratory Rate | 12-20 breaths/min |
| Oxygen Saturation | 95-100% |
| SpO2 | 95-100% |

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NEURO

Brain Anatomy

14

NEURO

Cranial Nerves

| CN | Function |
|------|-------------------|
| I | Olfaction |
| II | Optic |
| III | Oculomotor |
| IV | Trochlear |
| V | Trigeminal |
| VI | Abducens |
| VII | Facial |
| VIII | Vestibulocochlear |
| IX | Glossopharyngeal |
| X | Vagus |

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NEURO

Cranial Nerves

| CN | Function |
|------|-------------------|
| I | Olfaction |
| II | Optic |
| III | Oculomotor |
| IV | Trochlear |
| V | Trigeminal |
| VI | Abducens |
| VII | Facial |
| VIII | Vestibulocochlear |
| IX | Glossopharyngeal |
| X | Vagus |

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NEURO

Brainstem Anatomy

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NEURO

Cerebellar Anatomy

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NEURO

Stroke Symptoms by Location

| Location | Symptoms |
|-----------|---|
| Anterior | Motor deficit, Sensory deficit, Homonymous hemianopia |
| Middle | Motor deficit, Sensory deficit, Homonymous hemianopia |
| Posterior | Motor deficit, Sensory deficit, Homonymous hemianopia |

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NEURO

Glasgow Coma Scale (GCS)

| Parameter | Score |
|-----------------|-------|
| Eye Opening | 4-1 |
| Verbal Response | 5-1 |
| Motor Response | 6-1 |

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NEURO

Neurological Status

| Parameter | Normal Value |
|------------------|---------------------|
| Consciousness | Alert |
| Orientation | Person, Place, Time |
| Motor Function | Normal |
| Sensory Function | Normal |

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NEURO

Neurological Exam

| Parameter | Normal Value |
|-----------------------|--------------|
| Reflexes | Normal |
| Pathological Reflexes | None |

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NEURO

Neuro Reflexes and Strength Assessment

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PSYCHIATRY

Psychiatry Minireview

| Parameter | Normal Value |
|-----------|--------------|
| Mood | Stable |
| Affect | Appropriate |
| Thought | Logical |
| Insight | Good |

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PSYCHIATRY

Psychiatry Mental Status Exam

| Parameter | Normal Value |
|-----------|--------------|
| Mood | Stable |
| Affect | Appropriate |
| Thought | Logical |
| Insight | Good |

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PSYCHIATRY

Common Drugs of Abuse

| Drug | Effects |
|---------|-----------------------------|
| Alcohol | Sedation, Impaired judgment |
| Cocaine | Stimulant, Increased energy |
| Heroin | Opioid, Pain relief |

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PSYCHIATRY

Common Drugs of Abuse

| Drug | Effects |
|---------|-----------------------------|
| Alcohol | Sedation, Impaired judgment |
| Cocaine | Stimulant, Increased energy |
| Heroin | Opioid, Pain relief |

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LABS

Urea Nitrogen and Creatinine

| Parameter | Normal Value |
|------------|---------------|
| BUN | 7-20 mg/dL |
| Creatinine | 0.6-1.2 mg/dL |

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LABS

Common Labs

| Parameter | Normal Value |
|-----------|---------------------|
| WBC | 4,000-11,000/mm3 |
| RBC | 4.5-5.5 million/mm3 |
| Hb | 12-16 g/dL |

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LABS

Other Labs

| Parameter | Normal Value |
|-----------|---------------------|
| Platelets | 150,000-400,000/mm3 |
| PT | 11-13 sec |
| APTT | 25-35 sec |

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Critical Care Pocket Cards

Rebecca Rayman

A red circular graphic with a gradient, appearing as a stylized arrow or a decorative element, positioned to the right of the author's name.

Critical Care Pocket Cards:

Basic Transesophageal and Critical Care Ultrasound André Denault, Annette Vegas, Yoan Lamarche, Jean-Claude Tardif, Pierre Couture, 2017-08-03 Basic Transesophageal and Critical Care Ultrasound provides an overview of transesophageal ultrasound of the heart lung and upper abdomen as well as basic ultrasound of the brain lung heart abdomen and vascular system Ultrasound guided procedures commonly used in critically ill patients are also covered With more than 400 clinical images this well illustrated text and its accompanying videos demonstrate new developments and challenges for those interested in mastering basic transesophageal echocardiography TEE and bedside surface ultrasound Each chapter is presented in an easy to read format that includes color diagrams and ultrasound images which optimize interactive learning for both novice and experienced clinicians The book is divided into two parts The first is dedicated to basic TEE while the second provides focused coverage of bedside ultrasound The book also includes chapters on extra cardiac TEE and ultrasound of the brain unconventional areas that will become more important in the future as clinicians evaluate not only the etiology of hemodynamic instability but also the impact on multiple organs and systems such as the kidney liver splanchnic perfusion and brain This text is an invaluable resource to those preparing for the National Board of Echocardiography s Examination of Special Competence in Basic Perioperative Transesophageal Echocardiography PTEeXAM and its equivalents outside the USA and Canada In addition it prepares physicians for the American College of Chest Physician s critical care ultrasound certification The contents follow the syllabus of the TEE basic echo exam to ensure complete coverage of a trainee s requirements It also includes sample questions and two helpful mock exams Written by a multidisciplinary team of experts in TEE the book is a must have for those in training and in practice

Critical Care Nursing Kathy J. Booker, 2014-12-11 Providing an easy to use reference Critical Care Nursing outlines best practice for the assessment monitoring and treatment of critically ill adult patients Each chapter includes research and evidence based strategies for treating commonly seen conditions Initial chapters introduce ICU set up and operation the rapid response team vitals measurement and shock management strategies Subsequent chapters structured by organ system focus on care relating to specific organ function and dysfunction including the respiratory cardiovascular neurologic renal and gastrointestinal systems Key information on monitoring for overdoses special considerations in traumatic injury and end of life concerns is also included Critical Care Nursing is a comprehensive and informative resource for experienced staff nurses and advanced practice nurses working with critically ill patients on ICUs PCUs transitional care units and within emergency care departments

Acute and Critical Care Nursing at a Glance Helen Dutton, Jacqui Finch, 2018-04-30 From the publishers of the market leading at a Glance series comes a comprehensive yet accessible overview of all the fundamental elements of acute and critical care nursing Acute and Critical Care Nursing at a Glance provides an introduction to the key knowledge and skills for patient assessment and problem identification as well as how to plan implement and evaluate care

management strategies It also explores clinical decision making processes and their impact on care delivery as well as key psychosocial issues pain management and safe transfer All information is presented in a clear double page spread with key information accompanied by tables illustrations photographs and diagrams Key features Superbly illustrated with full colour illustrations throughout An accessible evidence based introduction to a complex topic Presents information structured according to the Resuscitation Council s systematic ABCDE framework for ease of understanding Accompanied by patient case studies to help apply theory to practice Acute and Critical Care Nursing at a Glance is ideal for nursing students healthcare assistants and registered nurses working within the acute and critical care setting Lippincott Nursing Pocket Cards Lisa Morris Bonsall,2020 Pocket Companion to Textbook of Critical Care Ake Grenvik,William C. Shoemaker,Peter R. Holbrook,1996 This pocket sized clinical companion to Shoemaker et al s Textbook of Critical Care 3rd Edition was written by the same acclaimed editors and authors who ve made the Textbook the most widely used reference in the field You ll find their preferred management strategies concisely synthesized for your convenient portable referral The Pocket Companion s easy to scan format means you ll have no trouble locating and applying information quickly A multitude of quick reference algorithms and tables speed referral and streamline clinical decision making From resuscitation and the diagnostic workup through monitoring and treatment you ll find clear step by step guidelines **Intro to CRRT Pocket Card**

ScrubLifeNotes,2025-02-24 The Intro to CRRT Pocket Card by ScrubLifeNotes is an essential evidence based reference designed to assist ICU nurses in understanding and managing Continuous Renal Replacement Therapy CRRT This pocket card provides a concise introduction to CRRT explaining its indications and anatomy making it easier for nurses to grasp the fundamental aspects of this critical therapy The card includes a Back to Basics review of clearance methods clarifying the differences between diffusion convection and adsorption which are crucial for understanding how CRRT clears solutes and fluids from the patient s body This foundational knowledge supports better comprehension of the treatment s mechanisms A comprehensive overview of CRRT modes and filter anatomy is also provided detailing various modes such as CVVH CVVHD and CVVHDF This section helps nurses differentiate between modes based on the therapy s goals and understand the filter s role in the process ensuring proper setup and maintenance The pocket card takes a deep dive into must know CRRT terms breaking down complex terminology into easily digestible explanations This section empowers nurses to communicate effectively with the healthcare team and understand the nuances of CRRT Lastly the card outlines nursing expectations and CRRT management tips offering practical guidance on monitoring patients troubleshooting common issues and ensuring optimal therapy delivery These tips help nurses maintain high quality care and improve patient outcomes Designed for new ICU nurses the Intro to CRRT Pocket Card is an indispensable tool for mastering the basics of CRRT Its clear visual format ensures that nurses have quick access to vital information making CRRT management more approachable and efficient in critical care settings **Advanced Practice Palliative Nursing** Constance Dahlin,Patrick J. Coyne,Betty R.

Ferrell,2016-02-25 *Advanced Practice Palliative Nursing* is the first text devoted to advanced practice nursing care of the seriously ill and dying This comprehensive work addresses all aspects of palliative care including physical psychological social and spiritual needs Chapters include symptoms common in serious illness pediatric palliative care spiritual and existential issues issues around the role and function of the advanced practice nurse APN reimbursement and nursing leadership on palliative care teams Each chapter contains case examples and a strong evidence base to support the highest quality of care The text is written by leaders in the field and includes authors who have pioneered the role of the advanced practice nurse in palliative care This volume offers advanced practice content and practical resources for clinical practice across all settings of care and encompassing all ages from pediatrics to geriatrics **Anaesthesia, Pain, Intensive Care and Emergency A.P.I.C.E.** A. Gullo,2008-02-22 *Improving standards of care is a real challenge in Intensive Care Medicine* Bettering clinical performance patient safety risk management and audit represents the cornerstone for raising the quality of care in ICU patients Communication is the platform from where to start to reach a consensus in an extremely crowded area a unique multidisciplinary and multiprofessional environment in which quality of care and ultimately patient survival need to be ameliorated *Tarascon Pocket Pharmacopeia 2006 Classic* Steven M. Green,2005-11 The Tarascon Pocket Pharmacopoeia continues to be the most popular and most trusted portable drug dosing reference available Newly updated for 2005 the Tarascon Pocket Pharmacopoeia continues the high quality tradition of a convenient organized and concise pocket manual packed with vital drug information meticulously peer reviewed by experts and clinicians of multiple specialties It details typical drug dosing both FDA approved and off label uses available trade and generic formulations metabolism safety in pregnancy and lactation relative drug pricing information Canadian trade names and an Herbal Alternative Therapies section Multiple invaluable tables supplement the drug content including opioid equivalency emergency drug infusions cardiac dysrhythmia protocols pediatric drug dosing and much more **AACN Handbook of Critical Care Nursing** Marianne Chulay,1997 *American Journal of Respiratory and Critical Care Medicine* ,1996 **Freelance Directory of Medical Communication Services** American Medical Writers Association,1991 *Nurse's Pocket Guide* Marilyn E. Doenges,1988 Key Features New To The 6th Edition Contains selected rationales for nursing interventions Includes updated nursing diagnoses accepted by the latest NANDA Conference Introduces Nursing Interventions Classification first text to integrate material that classifies nursing interventions according to research *Pocket Guide to POCUS: Point-of-Care Tips for Point-of-Care Ultrasound (BOOK)* BASTON,2019-02-05 A unique pocket guide to the use of ultrasound at the point of careOf value to students medical nurse practitioner and physician assistant as well as practicing physicians nurse practitioners and physician assistants Lately there has been an enormous amount of interest in the use of ultrasound for both procedural and diagnostic guidance at the point of care Although this type of instruction can be found in some textbooks they are heavy dense and written for the classroom not real world clinical

situations Pocket Guide to POCUS is the portable quick hit alternative Pocket Guide to POCUS provides trainees with the tips and reminders they may need at the point of care Things such as what images to acquire and how to get them or a quick glance at pathology in comparison to a normal image For learners at all levels this pocket guide will hopefully reduce their fear of scanning while preventing some of the more common pitfalls the authors have observed over their more than 50 cumulative years experience Each chapter of the book is divided into four sections Key Images Acquisition Tips Interpretation and Pitfalls Examples of Pathology This information is conveniently located on cards that can be removed from the book and brought with you to the bedside You can take notes on the cards check off the scans that you ve done and of course refer to them in order to provide your patients with the best care possible

The Body in Brief Rebecca Rayman, 1989 *Nursing Yearbook, 88 (Nurse's Reference Library)* Lippincott Williams & Wilkins, 1988 **Improving Hospital Care for Persons with Dementia** Nina M. Silverstein, PhD, 2006 Print CourseSmart Critical Care Drug Cards for Clinical Use Linda Skidmore-Roth, Marie S. Jaffe, 1984-12-01 **Nursing Care Plans** Marilynn E. Doenges, 1989

Completely rewritten and thoroughly updated this reference provides a reliable guide for both students and nurses involved in constructing individualized patient care plans Comprehensive guidelines for nursing care plans encompass total patient needs including not only the physical aspect but also the cultural sexual nutritional and psychosocial needs Each major section presents a care plan for a particular body system individualized care plans are presented for specific diseases within each system Only NANDA diagnoses are included This valuable book clearly delineates the documentation requirements of government regulations and third party payers While focusing primarily on adult medical surgical problems the authors also address the special needs of pediatric and geriatric patients

The American Surgeon , 1986

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