

BKAT ICU Post Test

1. **Nitroprusside purpose:** decreases preload and afterload by vasodilation (mainly afterload)
2. **Dobutamine mechanism of action:** contractility
3. **Dopamine at a low-end dose "renal dose":**
0.5-4mcg/kg/min increases renal and mesenteric perfusion
4. **Dopamine at a mid-range dose:**
4-10mcg/kg/min increases contractility and heart rate
5. **Dopamine at a high-range dose:** greater than 10mcg/kg/min vasoconstriction and increases BP
6. **Dopamine and Levophed infiltration:** leads to tissue necrosis
7. **Dopamine antidote:** regitine (phentolamine)
8. **TpA monitor for:** bleeding-hemorrhagic CVA
9. **diltiazem (cardizem) works by?:** (calcium channel blocker) slows ventricular rate by slowing conduction through the SA and AV node
10. **Diltiazem (cardizem) biggest effect on which hemodynamic:** hypotension
11. **diltiazem is used for patients with:** a-fib or a-flutter
12. **amiodarone (Cordarone) is a:**
antiarrhythmic prolongs the cardiac duration
13. **You MUST use a _____ when using amiodarone infusion:** 0.22 micron filter
14. **Watch out for _____ in patients on a amiodarone infusion:**
hypotension, prolongation of QT interval and bradycardia
15. **amiodarone is used for patients with:** a-fib, a-flutter and VT
16. **how much amiodarone is given to a stable VT with a pulse and a unstable pulseless VT/VF?:** 150mg over 10min for VT with pulse 300mg push; repeat x1 at 150mg
17. **Epinephrine has what effect on the body?:** increases HR, BP, and contractility
18. **what is the first line drug for pulseless arrest?:** Epinephrine
19. **What rhythms are considered fatal?:** V-fib, Vtach (pulseless), and asystole
20. **Epinephrine is also given for?:** anaphylaxis and as a vasopressor for hypotension
21. **Heparin is used for? Antidote is?:**
anticoagulant Protamine Sulfate

Bkat Icu Test

**Carole Foot,Liz Steel,Kim
Vidhani,Bruce Lister,Matthew
MacPartlin,Nikki Blackwell**

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Manual of Simulation in Healthcare Richard H. Riley, 2008 Medical simulation is a relatively new science that is achieving respectability among healthcare educators worldwide Simulation and skills centres have become established to integrate simulation into mainstream education in all medical nursing and paramedical fields Borrowing from the experience and methodologies of industries that are using simulation medical educators are grappling with the problem of rapidly acquiring the skills and techniques required to implement simulation programmes into established curricula This book assists both novice and experienced workers in the field to learn from established practitioners in medical simulation Simulation has been used to enhance the educational experience in a diverse range of fields therefore a wide variety of disciplines are represented The book begins with a section on the logistics of establishing a simulation and skills centre and the inherent problems with funding equipment staffing and course development and promotion Section two deals with simulators and related training devices that are required to equip a stand alone or institution based centre The features strengths and weaknesses of training devices are presented to help the reader find the appropriate simulator to fulfil their training requirements There is a guide to producing scenarios and medical props that can enhance the training experience The third section covers adult education and it reviews the steps required to develop courses that comply with best practice in medical education Teaching skills facilitating problem based learning groups and debriefing techniques are especially important to multidisciplinary skills centres that find themselves becoming a centre for medical education The manual concludes with guides for the major specialties that use simulation including military paediatrics CPR and medical response teams obstetrics and anesthesia

The Educational Process in Nursing Staff Development JoAnn Alspach, 1995 **Directory of Nurse**

Researchers, 1990 Alphabetical listing by names of nurses active in research Entries give information regarding professional educational and research activities Also lists researchers by topics geographical location language and animal model used Index of research topics

Critical Care MCQs Steve Lobaz, Mika Hamilton, Alastair J. Glossop, Ajay H. Raithatha, 2015-02-01 Critical Care MCQs is the perfect companion for anyone sitting exams in intensive care as a training resource or just wanting to improve their knowledge in this constantly developing area of medical practice Written by critical care doctors with experience of UK and European examination formats this book leads the reader through 450 true false questions with referenced explanations covering core syllabus topics and key influential papers to date A detailed list of further resources and recommendations relevant to critical care revision is also provided to enable readers to further their knowledge and understanding It is hoped that this book will prove invaluable for preparation and success in upcoming intensive care exams for both candidates and trainers This book would be useful for not only candidates sitting the UK Final Fellowship of Intensive Care Medicine FFICM and European Diploma of Intensive Care EDIC exams but also the Indian Diploma in Critical Care Medicine IDCCM the Diploma of the Irish Board of Intensive Care Medicine DIBICM the Australia

and New Zealand Fellowship of the College of Intensive Care Medicine CICM American Board and any other country related intensive care exams **Critical Care Study Guide** Gerard J. Criner, Gilbert E. D'Alonzo, 2002 This is the first comprehensive study guide covering all aspects of Critical Care Medicine The condensed format of coverage is unique it supplies a heavily illustrated text with self assessment questions and answers This approach will help the reader to determine the correct answer The text is supported by case studies tables and illustrations which will describe important procedures Also the selected readings and references will focus on the field's leading major references so this book will be the ideal complement to previously published literature This is useful for physicians and those in training who see patients in the ICU Examination Intensive Care Medicine 2e - eBook Carole Foot, Liz Steel, Kim Vidhani, Bruce Lister, Matthew MacPartlin, Nikki Blackwell, 2011-11-11 This is a high quality exam focused resource to facilitate passage through ICU fellowship examinations There is currently no specific competing publication that specifically meets the goals of an examination guide for ICM trainees This book covers the key components of the exam syllabuses for FCICM EDIC and DICM and builds on the ICM component of the previous edition Examination Intensive Care and Anaesthesia The book deals with all elements of the individual clinical examinations including performance strategies and provides a chapter on paediatric intensive care The book is suitable for all trainees in Intensive Care Medicine Trainees in Anaesthesia Emergency Medicine Surgery and Medicine will also find it useful The print edition includes an accompanying interactive DVD which contains a wealth of supplementary material including a procedures and equipment library case based scenarios to aid recall of important facts and a summary of important critical care literature **Critical Care Nursing** Billie C. Meador, 1983-01-01

Critical Care Examination and Board Review Ronaldo Collo Go, 2018-08-22 A comprehensive one stop reference for critical care medicine bolstered by more than 500 Q A McGraw Hill Specialty Board Review Critical Care Medicine is an evidence based multidisciplinary perspective to critical care medicine The format of each chapter consists of text followed by questions and answers Authors from major academic centers discuss the basic principles of their field along with the most recent studies This unique review reflects the author's belief that competency in critical care medicine is derived from multiple factors an understanding of the basics of medicine access to the most current evidence clinical experience and openness to palliative care Features 500 questions and answers with detailed answer explanations Covers all key topics on the ABIM Critical Care exam blueprint Numerous high quality images including x rays CT scans and electrocardiograms Essential for critical care fellows or intensivists studying for the critical care boards as well as medical students residents and any other healthcare provider interested in critical care Each of the 36 textbook style chapters are followed by Q A Current guidelines from various specialties are incorporated including their levels and or grades of recommendation

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for use as a clinical refresher Its highly efficient format conveniently condenses and simplifies the most important content for maximum yield and comprehension an especially important benefit for facilitating bedside diagnosis in critical care medicine

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Critical Care On Call Alan T. Lefor,2002-05-16 Publisher s Note Products purchased from Third Party sellers are not guaranteed by the publisher for quality authenticity or access to any online entitlements included with the product A concise portable reference that focuses on the management of the ICU patient Covering 138 of the most common critical care on call problems Each chapter includes a presenting problem immediate questions differential diagnosis laboratory and other diagnostic data and treatment plan

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web what is an inverter an inverter controls the frequency of power supplied to an ac motor to control the rotation speed of the motor without an inverter the ac motor would operate at full speed as soon as the power supply was turned on you would not be able to control the speed making the applications for the motor limited

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web aug 26 2021 we are going to build a power inverter that takes its input power from a 12v battery and outputs a 110v 230v ac current the circuit is outlined in the block diagram below here is the circuit schematic the 50hz oscillator is provided by the 555 timer

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