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unit 4 rad 121 Flashcards | Quizlet

<https://quizlet.com/215315878/unit-4-rad-121-flash-cards> ▾

unit 4 rad 121. STUDY. PLAY. What is the general **approach**. **circulation**, airway, breathing, definitive therapy (reason why and how i can help) - do no additional harm ... disturbance of **blood flow** to vital organs in which **blood** pressure becomes too low to adequately oxygenate tissues (restlessness, apprehension, alteration in ability to think ...

Fractional Flow Reserve | Circulation

<https://www.ahajournals.org/doi/10.1161/01.CIR.92.11.3183>

Background **Fractional flow reserve** (FFR), defined as the ratio of maximum **flow** in the presence of a stenosis to normal maximum **flow**, is a lesion-specific index of stenosis severity that can be calculated by simultaneous measurement of mean arterial, distal coronary, and central venous pressure (Pa, Pd, and Pv, respectively), during pharmacological vasodilation.

Cited by: 261

Author: J. E. M. Sels, W. A. L. Tonino, N. H. J. Pijls

Publish Year: 1995

Special Feature: Severe Pulmonary Hypertension in the ICU ...

<https://www.reliasmedia.com/articles/112128-special-feature-severe...> ▾

Pulmonary hypertension (ph) is common among patients in the intensive care unit (ICU). In fact, many ICU clinicians simply view PH the same way they view leukocytosis as an expected finding caused by the "bigger problems" of sepsis, respiratory failure, **congestive heart** failure, volume overload, and myocardial infarction.

Retrograde Pulmonary Perfusion Improves Results in ...

www.ncbi.nlm.nih.gov › ... › [Tex Heart Inst J](#) › v.33(4); 2006

The recently observed improvement in the results of surgical **pulmonary** embolectomy for massive **pulmonary embolism** has largely been credited to judicious selection of patients, rapid diagnosis, and early surgery performed on hemodynamically stable patients.

Cited by: 15

Author: Salvatore Spagnolo, Maria Antonia Grass...

Publish Year: 2006

Fractional Flow Reserve | Circulation

<https://www.ahajournals.org/doi/abs/10.1161/01.cir.92.11.3183>

Measurement of coronary sinus **blood flow** by continuous thermodilation in man. **Circulation**. 1971; 44:181-195. Crossref Medline Google Scholar; 23 Gould KL, Lipscomb K, Hamilton GW. Physiologic basis for assessing **critical** coronary stenosis: instantaneous **flow** response and regional distribution during coronary hyperemia as measures of coronary ...

Name of Journal: *World Journal of Critical Care Medicine*

Manuscript NO: 47146

Manuscript Type: REVIEW

One approach to circulation and blood flow in the critical care unit

Pena-Hernandez C *et al.* One approach to circulatory failure

Camilo Pena-Hernandez, Kenneth Nugent

Abstract

Evaluating and managing circulatory failure is one of the most challenging tasks for medical practitioners involved in critical care medicine. Understanding the applicability of some of the basic but, at the same time, complex physiological processes occurring

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Regulation of the cerebral circulation ... - Critical Care

<https://ccforum.biomedcentral.com/articles/10.1186/s13054-016-1293-6> ▾

May 04, 2016 · Regulation of **the cerebral circulation** relies on the complex interplay between cardiovascular, respiratory, and neural physiology. In health, these physiologic systems act to maintain an adequate cerebral **blood flow** (CBF) through modulation of hydrodynamic parameters; the resistance of cerebral vessels, and the arterial, intracranial, and venous pressures.

Published in: **Critical Care** · 2016

Authors: Joseph Donnelly · Karol P Budohoski · Peter Smielewski · Marek Czosnyka · Marek C...

Affiliation: University of Cambridge · Warsaw University of Technology

About: **Blood pressure** · Intracranial pressure · Traumatic brain injury · Transcranial Doppler

The meaning of blood pressure | Critical Care | Full Text

Oct 11, 2018

Renal function and oxygenation are ...

Dec 16, 2016

Regulation of blood flow and volume exchange across the ...

Oct 21, 2016

Carbon dioxide kinetics and capnography during critical care

Jul 12, 2000

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Mechanical circulatory assist devices: a primer for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4921031>

Jun 25, 2016 · **Blood-flow** characteristics. ... The following review will hopefully direct the provider in an ED or **critical care unit** to an **approach** for a differential diagnosis of symptoms for ventricular assist device (VAD)-specific and non-VAD-specific causes. ... Current, continuous-**flow** mechanical circulatory assist devices are smaller, more durable ...

Cited by: 13

Author: Ayan Sen, Joel S. Larson, Kianoush B. K...

Publish Year: 2016

Critical Care Evolve Final Flashcards | Quizlet

<https://quizlet.com/62880431/critical-care-evolve-final-flash-cards> ▾

Critical Care Evolve Final. STUDY. PLAY. ... Warm the room in the emergency department and **critical care unit**. ... This impaired **blood flow** leads to impaired tissue perfusion and a decreased oxygen supply to the cells, all of which contribute to multiple organ failure. ...