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Retrospective Study

Prognostic values of hemodynamic indices in patients with sepsis after fluid resuscitation

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Abstract

BACKGROUND

Sepsis usually causes hemodynamic abnormalities. Hemodynamic index is one of the factors to identify the severity of sepsis and an important parameter to guide the procedure of fluid resuscitation. The present study investigated

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The Forgotten Hemodynamic (PCO2 Gap) in Severe Sepsis

https://pubmed.ncbi.nlm.nih.gov/32377433

The PCO2 gap can be a marker of the adequacy of the cardiac output status in **severe sepsis**. A high PCO2 gap **value** (>0.8 kPa) can identify situations in which increasing CO can be attempted with **fluid resuscitation** in **severe sepsis**. The PCO2 gap carries an important **prognostic value** in severe sepsis.

Author: Zouheir Ibrahim Bitar, Ossama Sajeh ... **Publish Year:** 2020

The role of hemodynamics in sepsis : Nursing2020 Critical Care

https://journals.lww.com/nursingcriticalcare/...

Although the Surviving **Sepsis** Campaign (SSC) guidelines recommend a CVP range of 8 to 12 mm **Hg,** clinicians should be aware of the limited evidence supporting CVP as a predictor of CO and fluid responsiveness. 16–18 If a PA catheter is available, target **PAOP values** between 12 and 15 mm **Hg** to optimize CO. 16 Some studies suggest that PAOP is a potentially inaccurate preload metric in **sepsis.** ...

Early hemodynamic resuscitation in septic shock ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4015123

The **resuscitation** of **patients with sepsis** remains a challenging task. In the presence of shock, early optimization of global and regional perfusion mandates adequate monitoring. Whatever kind of monitoring is used, it should provide reliable information with potential therapeutic and **prognostic** relevance.

Cited by: 2 **Author:** Paul A van Beest, Peter E Spronk

Publish Year: 2014

Evaluation and prognostic value of Cv-aCO2/Da-vO2 in ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6777320

Fitch and Gossage determined that if the MAP was raised to 65–75 mmHg within 1 h **after fluid resuscitation,** the **hemodynamic status of septic shock patients** was significantly improved in the early stage. Early **fluid resuscitation** in **septic shock** can improve **hemodynamic** stability, improve tissue and organ perfusion, reduce the incidence of multiple organ failure and reduce mortality.

Author: Huiling Zang, Xiaohui Shen, Shengchi ... **Publish Year:** 2019

Monitoring peripheral perfusion in sepsis associated acute ...

https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0239770

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https://www.slideshare.net/bhargavmundlapudi/...

Apr 15, 2015 · More than 50 % of critically ill hypotensive **patients** ,**fluid** boluses fail to augment perfusion Hypovolemia is not the only cause for hypotension If the **fluid** boluses doesn't augment cardi...

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https://ccforum.biomedcentral.com/articles/10.1186/cc13732

Feb 18, 2014 · In conclusion, Pv-aCO 2 provides us with additional information to **hemodynamic** and