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**Microvascular response to transfusion in elective spine surgery**

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## Detection, evaluation, and management of preoperative anaemia in the elective orthopaedic surgical patient: NATA guidelines

LT Goodnough, A Maniatis... - British journal of ..., 2011 - British Jnl Anaesthesia

... There is evidence that postoperative anaemia is associated with adverse cardiovascular events. ... monitoring in patients undergoing radical prostatectomy were related to both the heart rate and ... 28% was significantly associated with myocardial ischaemia and other cardiac events ...

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HG Welch, KR Meehan... - Annals of Internal ..., 1992 - Am Coll Physicians

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## Risks, options, and informed consent for blood transfusion in elective surgery

LT Goodnough, JM Shuck - The American Journal of Surgery, 1990 - Elsevier

... Heart, Lung, Blood Institute; Program guidelines, Transfusion Medicine Academic Award (First Competition) (March 30, 1982). ... Transfusion of retroviruses by transfusion cardiac surgery. ... JE Menitove; Current risk of transfusion-associated human immunodeficiency virus infection. ...

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ME Keating, JB Meding - ... Academy of Orthopaedic Surgeons, 2002 - journals.lww.com

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## Microvascular response to red blood cell transfusion in patients with severe sepsis

Y Sakr, M Chierago, M Piagnerelli, C Verdant... - Critical care ..., 2007 - journals.lww.com

... Red blood cell storage time had no influence on the **microvascular response** to red blood cell ... selected as it corresponds to the best cutoff value in changes in sublingual **microvascular** perfusion to ... No **transfusion**-related adverse **reaction** was observed during the time of the study ...

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## A Canadian survey of transfusion practices in critically ill patients

PC Hebert, G Wells, C Martin, M Tweeddale... - Critical care ..., 1998 - journals.lww.com

... Our survey achieved a **response** rate of 76% (193/254). ... Physicians **responding** to the survey averaged 8.4 +/- 5.7 (SD) yrs in practice, were primarily specialized in ... In the survey, we included disease processes that potentially diminish global or **microvascular** oxygen delivery ...

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## Transfusion medicine—blood transfusion

LT Goodnough, ME Brecher, MH Kanter... - New England Journal ..., 1999 - Mass Medical Soc

... These **reaction** rates are much higher in populations at increased risk, such as patients ... Medical Association.110 These guidelines recommend that blood not be **transfused** prophylactically and ... level of 8.0 g per deciliter seems an appropriate threshold for **transfusion** in **surgical** ...

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## Controversies in transfusion medicine. Perioperative hemodilution: pro

L Stehling, HL Zauder - Transfusion, 1994 - Wiley Online Library

... In animals, mea- surements of intravascular pressure, RBC velocity, and **microvascular** Hct during ANH indicate that the optimi- zation of **microvascular** vasomotor **responses** results in ... Does timing of hernodilution influence the **stress response** and overall outcome? ...

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Transfusion medicine—blood transfusion - Goodnough - 被引用次数: 1009

## Recommendations for the transfusion management of patients ... - NCBI

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作者: GM Liunbruno - 2011 - 被引用次数: 45 - [相关文章](#)

Elective surgery is the most common cause of major bleeding, that is, loss of 20% or more ... orthopaedic operations (hip and knee replacements, spinal surgery), as well as liver ... Effect of anaesthesia on the cardiovascular response to acute anaemia ..... The reduction in the relative risk of allogeneic transfusion in vascular ...

## Risk analysis of blood transfusion requirements in emergency and ...

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