

Hydroxyethyl Starch Solutions Hes Should No Longer Be

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Hydroxyethyl Starch Solutions Hes Should

Hydroxyethyl starch (HES/HAES), sold under the brand name Voluven among others, is a nonionic starch derivative, used as a volume expander in intravenous therapy. The use of HES on critically ill patients is associated with an increased risk of death and kidney problems.

Hydroxyethyl starch - Wikipedia

Hydroxyethyl-starch solutions (HES) should no longer be used in patients with sepsis or burn injuries or in critically ill patients. HES will be available in restricted patient populations. On 23 October 2013, the Coordination Group for Mutual Recognition and Decentralised Procedures – Human ...

Hydroxyethyl starch solutions for infusion | European ...

Hydroxyethyl starch (HES) is the most common red blood cell sedimentation agent used to purify neutrophil collections for granulocyte transfusions. HES is a volume expander that carries a black box warning for increased risk of mortality and renal failure in critically ill patients, including patients with sepsis,...

Hydroxyethyl Starch - an overview | ScienceDirect Topics

Roberts and colleagues¹ Correspondence in The Lancet asking WHO to support a ban on the use of hydroxyethyl starch (HES) deserves clarification. First, registration of HES is not yet suspended; a legally binding decision by the European Commission is still pending. Second, Roberts and colleagues claim that HES was used to treat postpartum haemorrhage in the WOMAN trial.² In fact, the ...

Should hydroxyethyl starch be banned? - The Lancet

After a safety review of hydroxyethyl starch (HES) solutions in 2013, restrictions on the use of HES were introduced in the European Union (EU) to reduce the risk of kidney injury and death in ...

(PDF) Should hydroxyethyl starch solutions be totally banned?

Hydroxyethyl starch (HES) solutions like Voluven, Hespan or Hextend (6% solution) are widely used for the treatment of hypovolemia (low blood volume) when plasma volume expansion is desired. Low-molecular-weight HES like Voluven (MW 130 000) have shown increased risk of AKI and mortality in recent large randomized trials (reviewed in [56 R]).

Hydroxyethyl Starch - an overview | ScienceDirect Topics

Adverse effects of hydroxyethyl starch solutions in surgical patients. In 2013, both the European Medicines Agency (EMA) [1] and the US Food and Drug Administration (FDA) [2] decided that hydroxyethyl starch (HES) solutions should no longer be used in critically ill patients, including those with sepsis.

Adverse effects of hydroxyethyl starch solutions in ...

The CMDh 1 has decided that hydroxyethyl starch (HES) solutions for infusion should remain on the market provided that a combination of additional measures to protect patients is implemented. This follows further reflection, in consultation with EU Member States, on whether it would be feasible to ...

Hydroxyethyl starch (HES) containing medicinal products ...

The pendulum has been swinging away from hydroxyethyl starch (HES) solutions, in part because of the revelations of fraudulent studies conducted by Joachim Boldt . Indeed, the persistence of HES molecules in the body is of serious concern and this issue can no longer be ignored by use of 'newer' starches.

Should hydroxyethyl starch solutions be totally banned?

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Should hydroxyethyl starch solutions be totally banned ...

Anaesthesiology Intensive Therapy 2014, vol. 46, no 5, 336–341 ISSN 1642-5758 DOI:

10.5603/AIT.2014.0057 REVIEWS www.ait.viamedica.pl Why hydroxyethyl starch solutions should NOT be banned from the operating room Stefan De Hert, Luc De Baerdemaeker Department of Anaesthesiology, Ghent University Hospital, Faculty of Medicine and Health Sciences, Ghent University, Ghent, Belgium Abstract ...

(PDF) Why hydroxyethyl starch solutions should NOT be ...

Hydroxyethyl-starch solutions (HES) should no longer be used in patients with sepsis or burn injuries or in critically ill patients—CMDh endorses PRAC recommendations. HES will be available in restricted patient populations. Press release, 25 October 2013.

Concerns over use of hydroxyethyl starch solutions

Hydroxyethyl starch (HES/HAES) is a nonionic starch derivative. It is one of the most frequently used volume expanders under the trade names Hespan by B. Braun Medical Inc. Voluven or Volulyte by Fresenius Kabi and Tetrahes or Hestar by Claris Lifesciences Ltd. HES is a general term and can be sub-classified according to average molecular weight, molar substitution, concentration, C2/C6 ratio and Maximum Daily Dose.

Hydroxyethyl starch - ipfs.io

Hydroxyethyl starch. Hydroxyethyl starch (HES/HAES), sold under the brand name Voluven among others, is a nonionic starch derivative, used as a volume expander in intravenous therapy. The use of HES on critically ill patients is associated with an increased risk of death and kidney problems.

Hydroxyethyl starch - Howling Pixel

Hydroxyethyl starch (HES) solutions for infusion should be removed from the market across Europe because they carry "serious risks," the European Medicines Agency (EMA) has said. Hydroxyethyl starch solutions are colloids used for plasma volume replacement following acute blood loss. They have been used instead of crystalloids—such as saline—to prevent shock.

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