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Retrospective Study

Reducing unnecessary crossmatching for hip fracture patients by accounting for preoperative hemoglobin concentration

Amin RM *et al.* Preoperative hip fracture crossmatching

Raj M Amin, Varun Puvanesarajah, Yash Paul Chaudhry, Matthew J Best, Sandesh S Rao, Steven M Frank, Erik A Hasenboehler

Abstract

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Participants Patients who sustained a hip fracture were identified using the National Hip Fracture Database (NHFD). All those found to be taking a DOAC at the time of fracture were identified (n=63).

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The time from injury to hospitalization, the surgery wait time and time of discharge after surgery for patients with hip fractures were 2.9 ± 7.1 , 2.0 ± 1.7 and 7.7 ± 4.0 days respectively in 2019 ...

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Although preoperative hemoglobin level has been shown to be a strong predictor of perioperative RBC transfusion in hip fracture patients [8] [9][10], approximately 41.4 % of our transfused ...

[Preoperative Status and Risk of Complications in Patients ...](#)

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Limited information is available on preoperative status and risks for complications for older patients having surgery for hip fracture. Our objective was to identify potentially modifiable ...

[Pre-operative anaemia - Clevenger - 2015 - Anaesthesia ...](#)

<https://onlinelibrary.wiley.com/doi/full/10.1111/anae.12918>

The transfusion trigger trial for functional outcomes in cardiovascular patients undergoing surgical hip fracture repair (FOCUS) study randomly assigned 2016 patients that had known cardiovascular risk after hip fracture surgery to either restrictive (Hb < 80 g.l⁻¹) or liberal transfusion strategy (Hb > 100 g.l⁻¹).

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Publish Year: 2020

On admission haemoglobin in patients with hip fracture ...

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Transfusion requirements in hip fractures: Analysis of ...

<https://www.researchgate.net/publication/225164442...>

A total of 490 **patients** scheduled for total joint (i.e., **hip** or knee) surgery and having **hemoglobin** (Hb) levels ≥ 11 to ≤ 13 g/dL were randomized to receive weekly doses of subcutaneous ...

(PDF) Is hip fracture surgery safe for patients on ...

<https://www.researchgate.net/publication/339894083...>

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