



EAST/AAST/AAST-AMC: SCC Review Series - Hematology II - #7

04/28/2025

Join Dr. Alex Brito with the expert Guest Dr. Martin Schreiber, and Fellows Guests Dr. Donald Furman and Dr. Rebecca Phuoc. This is the seventh episode of the Surgical Critical Care Review Series. This is a unique collaborative initiative between EAST, AAST, and AAST-AMC. During this episode we will be discussing the management of venous thromboembolism, the pathophysiology and management of trauma induced coagulopathy, von Willebrand disease, and sickle cell disease as well as the use of plasmapheresis in the surgical ICU.

Link to Podcast

<https://www.east.org/education-resources/traumacasts/detail/2303/eastaastaastamc-scc-review-series-hematology-ii>

Supplemental Material:

- Stevens SM, Woller SC, Kreuziger LB, Bounameaux H, Doerschug K, Geersing GJ, Huisman MV, Kearon C, King CS, Knighton AJ, Lake E, Murin S, Vintch JRE, Wells PS, Moores LK. Antithrombotic Therapy for VTE Disease: Second Update of the CHEST Guideline and Expert Panel Report. Chest. 2021 Dec;160(6):e545-e608. doi: 10.1016/j.chest.2021.07.055. Epub 2021 Aug 2. Erratum in: Chest. 2022 Jul;162(1):269. doi: 10.1016/j.chest.2022.05.028. PMID: 34352278.
- Rouleau SG, Balasubramanian MJ, Huang J, Antognini T, Reed ME, Vinson DR. Prevalence of and Eligibility for Surveillance Without Anticoagulation Among Adults With Lower-Risk Acute Subsegmental Pulmonary Embolism. JAMA Netw Open. 2023 Aug 1;6(8):e2326898. doi: 10.1001/jamanetworkopen.2023.26898. PMID: 37531107; PMCID: PMC10398409.
- Inaba K, Karamanos E, Lustenberger T, Schöchl H, Shulman I, Nelson J, Rhee P, Talving P, Lam L, Demetriades D. Impact of fibrinogen levels on outcomes after acute injury in patients requiring a massive transfusion. J Am Coll Surg. 2013 Feb;216(2):290-7. doi: 10.1016/j.jamcollsurg.2012.10.017. Epub 2012 Dec 2. PMID: 23211116.
- Meizoso JP, Moore EE, Pieracci FM, Saberi RA, Ghasabyan A, Chandler J, Namias N, Sauaia A. Role of Fibrinogen in Trauma-Induced Coagulopathy. J Am Coll Surg. 2022 Apr 1;234(4):465-473. doi: 10.1097/XCS.000000000000078. PMID: 35290265.
- Kavanagh PL, Fasipe TA, Wun T. Sickle Cell Disease: A Review. JAMA. 2022 Jul 5;328(1):57-68. doi: 10.1001/jama.2022.10233. PMID: 35788790.
- Bauer PR, Ostermann M, Russell L, Robba C, David S, Ferreyro BL, Cid J, Castro P, Juffermans NP, Montini L, Pirani T, Van De Louw A, Nielsen N, Wendon J, Brignier AC, Schetz M, Kielstein JT, Winters JL, Azoulay E; Nine-I Investigators. Plasma exchange in the intensive care unit: a narrative review. Intensive Care Med. 2022 Oct;48(10):1382-1396. doi: 10.1007/s00134-022-06793-z. Epub 2022 Aug 12. PMID: 35960275; PMCID: PMC9372988.