**Regularly Scheduled Series**

**Anesthesiology Clinical Care Conference**

**Joint Surgical Services Grand Rounds**

**Course No. 21D05**

**Friday, May 14, 2021**

**6:30 – 7:30 a.m.**

**Code:**

**\* \* \* ZOOM PRESENTATION\* \* \***

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Title:

**“Evidence-Based Transfusion Practice and Patient Blood Management Programs”**

Presented by:

Steven M. frank, M.D.

Professor, Department of Anesthesiology/Critical Care Medicine

Director, Johns Hopkins Health System Blood Management Program

Director, Center for Bloodless Medicine and Surgery

Johns Hopkins Medical Institutions

**Professional Practice Gap(s):** 1) Practitioners may not realize that blood transfusions are the most common procedure performed in US hospitals and related data shows that there is wide variation in frequency as well as the hemoglobin trigger used to make the clinical decision to transfuse. Knowing updated indications for transfusions and society guidelines can lead to reduced risks of complications, while reducing cost, and improving outcomes. Knowing updated indications for transfusions. 2) Multimodal strategies for reducing transfusion include; preop anemia treatment, less invasive surgery, blood salvage for autologous transfusion using topical hemostatic agents, using antifibrinolytics, minimizing blood draws, using computer order entry with clinical decision support, audits with feedback to providers, and education.

**Learning Objectives**: Upon completion of this session, participants will improve their competence and performance by being able to:

1. Describe the recommended indications for blood transfusion according to the latest randomized trials and published society guidelines.
2. Identify the best methods for collection, analysis, and presentation of blood utilization data, in order to improve practice.
3. Name five methods of blood conservation that will result in a reduction in blood use, enhanced patient safety, and cost reduction.

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**Accommodation Statement:** For accommodation, please contact Fayeann Shaw at 405-271-4351 or **fayeann-shaw@ouhsc.edu**.

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