All patients

Did patient receive an intraoperative transfusion?

Age <18 years

ASA 5 & 6 including Organ Procurement

Exclude Cesarean delivery case determined by Obstetric Anesthesia Type

Massive blood loss with EBL > 2000ml?

Massive transfusion of 4 or more units from 4 hours before Anesthesia Start to Anesthesia End

TRAN-02: (Inverse Measure)

Percentage of adult patients with a post transfusion hemoglobin or hematocrit value greater than or equal to 10g/dL or 30%.

TRAN-02: Overtransfusion

Excluded

Patient had postpartum hemorrhage?

ICD-10 code: 072.0, 072.1, 072.2, 072.3

Did patient have an excluded procedure?

Excluded Procedures:
- Burn Cases
- Cardiac Cases determined by the Procedure Type: Cardiac (value codes > 0)
- Labor epidurals determined by the Obstetric Anesthesia Type (value codes 3 & 6 including obstetric non-operative procedures)

Retention of patients between the 1st transfusion and 18 hours prior to the last transfusion

Lowest hgb/hct value ≤ 10/30 after last transfusion up to 18 hours after anesthesia end?

Was last hgb/hct documented within 90 minutes prior to blood transfusion ≤ 8/24?

Flag

Transfusion is defined as:
- Packed Red Blood Cells – Autologous, Homologous, Unknown Type
- Whole Blood – Homologous, Unknown Type
- Categorised None – Blood Products

*Note: For sites that document transfusion in mL, instead of units: ASIF will default to 300mL/unit.