

Supplemental Digital Content 2: Lessons Learned from Critical Intra-operative Events

1. Pre-operative discussion at the huddle about the potential for specific catastrophic events and timing during the procedure.
2. Low threshold for notification of support resuscitation team (code called).
3. Immediate notification and communication with the operative team.
4. Temporary wound closure and protection of biologic materials and sterile instruments.
5. Immediate patient positioning to enable resuscitation.
6. Documentation during the resuscitation event.
7. Institution of massive transfusion protocol as needed.
8. Notification of family as soon as appropriate.
9. Staff to staff discussion about whether to proceed or abort the procedure.
10. Early and a delayed post-operative debriefing with team members once outcome of event has been determined.
11. Audit reporting as per institution Morbidity and Mortality committee or Serious Safety Event Committee.
12. Possible simulation training exercises.