

**UTILIZING THE EXPERTS: creation and implementation of a hospital wide pediatric MTP team**

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**NO DISCLOSURES**

▶ Chance Basinger, PA-C, Annika B. Kay, PA-C, Christina Pelo, PA-C, Kacey L. Barnes, MSN, Lauren Fredrickson, MS, Andrea Cowen, BSN, David S. Morris, MD, Katie W. Russell, MD



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**Creating an MTP Team**

▶ **BACKGROUND:** We have had a massive transfusion protocol (MTP) at our Level I pediatric trauma center for years with efforts and education to achieve balanced resuscitation. Massive transfusion (MT) is a low frequency but high acuity event in pediatric hospitals and we found that achieving a balanced resuscitation outside of the trauma bay was very difficult.

▶ **OBJECTIVE:** The purpose of this initiative was to create a hospital wide MTP team for our pediatric center that would utilize the trauma team experts and their training to adhere to an MTP protocol and attain improved balanced resuscitation for all pediatric patients.

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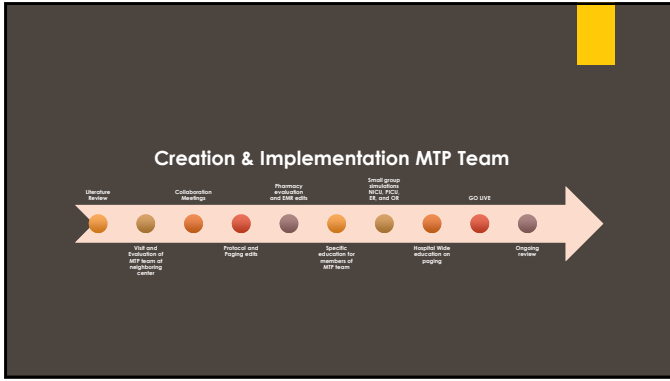
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RESULTS/  
DISCUSSION

- ▶ 20 Activations; some reported user benefits:
  - ❖ better adherence to a protocol
  - ❖ improved use of adjunct therapies
  - ❖ improved communication with blood bank
  - ❖ ability to relieve the cognitive load of blood resuscitation
- Preliminary data does show:
  - improved balance of products given
  - enhanced use of adjunct therapies
- ▶ Ongoing challenges include:
  - ❖ difficulty with the paging system
  - ❖ time staff is away from primary area
  - ❖ consensus for adjunct therapies
  - ❖ access to quick TEG for goal directed therapy
  - ❖ caveats for utilization for neonates
- Continued debriefing, workgroups and education are ongoing to address these challenges

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## Questions

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