Hello everyone and welcome! We really appreciate your continued interest in this collaborative and look forward to getting started. First we will start with a few housekeeping reminders:

1) To reduce the likelihood of feedback during the call, we’ve muted everyone.
2) Please use the chat function to ask questions. We have time at the end of the presentations to respond to any questions submitted during the webinar, and, we’ll open to a Q&A format at the end.
3) The webinar is being recorded. We will post it later and provide a link so you can review or share with any member of your team unable to be on the call. Please frame any questions with the understanding it will be part of the recording.
Each webinar will start with a 15 minute presentation from me on PSQC projects (CT utilization reduction right now). In these 15 minutes, I’ll give you an update on:

- who is participating in the QI project;
- what we’ve learned; and
- answer your questions about it.

The next 30 minutes of the webinar will be dedicated to the topic highlighted below. This list will evolve as we identify other areas of interest. In this 30 minutes, the presenters will:

- Introduce you to the topic and its importance in NSQIP data collection;
- Share their QI project(s) approach on the topic;
- Share any tools they developed (as allowed);
- Share their data mining approach; and
- Answer questions

The next 10 minutes will be spent networking. I will facilitate this conversation.

I will ask you to submit networking questions in advance of the meeting;
I will post those questions and then use Poll Everywhere to help elicit
responses;
Open conversation will follow
**We may find we want to make this ‘networking’ time themed as well

The final 5 minutes will be spent in a round robin opportunity to share what you learned and/or liked about the meeting

I will send a follow-up evaluation to each webinar for you to provide feedback on how it went and offer suggestions for future meetings
New Members

<table>
<thead>
<tr>
<th>Massachusetts</th>
<th>Michigan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baystate Children's, Kevin Moriarty</td>
<td>Helen DeVos Children's Hospital, Emily Durkin</td>
</tr>
</tbody>
</table>

Since we last met on Aug 24, 2 more children’s hospitals have joined the collaborative. We now have 74 members.
Blood Transfusions

- PSQC Numbers (Jan 1-Dec 31, 2020)
  - Total number cases abstracted: 76,893
  - Total number of cases with transfusions: 5,429

<table>
<thead>
<tr>
<th></th>
<th>Transfusion</th>
<th>No transfusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean age</td>
<td>8.9 years</td>
<td>7.8 years</td>
</tr>
<tr>
<td>Emergent</td>
<td>400 (7.4%)</td>
<td>10,977 (15.4%)</td>
</tr>
<tr>
<td>Mean weight</td>
<td>34.2 kg</td>
<td>33.4 kg</td>
</tr>
<tr>
<td>Vent dependence</td>
<td>631 (11.6%)</td>
<td>1813 (2.5%)</td>
</tr>
<tr>
<td>Neonate at time</td>
<td>775 (14.3%)</td>
<td>4666 (6.5%)</td>
</tr>
<tr>
<td>of surgery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Median LOS</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>Mortality</td>
<td>2.2%</td>
<td>.2%</td>
</tr>
</tbody>
</table>
Blood Transfusions

- PSQC Numbers (Jan 1-Dec 31, 2020)
  - In pediatric surgery:
    - Total number cases abstracted: 32,092
    - Total number of cases with transfusions: 1,199

<table>
<thead>
<tr>
<th></th>
<th>Transfusion</th>
<th>No transfusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean age</td>
<td>2.6 years</td>
<td>8.3 years</td>
</tr>
<tr>
<td>Emergent</td>
<td>346 (28.9%)</td>
<td>7565 (24.5%)</td>
</tr>
<tr>
<td>Mean weight</td>
<td>11.3 kg</td>
<td>35.5 kg</td>
</tr>
<tr>
<td>Vent dependence</td>
<td>470 (39.2%)</td>
<td>812 (2.7%)</td>
</tr>
<tr>
<td>Neonate at time of surgery</td>
<td>651 (54.3%)</td>
<td>3389 (11%)</td>
</tr>
<tr>
<td>Median LOS</td>
<td>31</td>
<td>2</td>
</tr>
<tr>
<td>Mortality</td>
<td>8.4%</td>
<td>.3%</td>
</tr>
</tbody>
</table>
Facility Stats

- Facility level data-All Surgeries
  - 18 PSQC sites had zero deaths at 30 days
  - Case counts ranged from 2 to 172
  - Vent dependence ranged from 84.6% to 0%
  - Mortality rates ranged from 15.4% to 0%
Facility Stats

- Facility level data-Ped Surgery Only:
  - 23 PSQC sites had zero deaths at 30 days
  - Case counts ranged from 58 to 1
  - Vent dependence ranged from 84.6% to 0%
  - Mortality rates ranged from 38.5% to 0%
Objectives

- What is the objective vis-à-vis transfusions
  - A never event?
  - What is considered 'excessive'?
We’d like to spend the remaining time answering your questions. Please use the raise hand function if you’re on the desk top app. Otherwise, please text me.
Networking
The slide deck and a link to the recording of this webinar will be forwarded to all as soon as it is available. It will also be posted on our website.