Choosing Antibiotics Wisely
Overview

• Review the Vermont Oxford Network *Choosing Antibiotics Wisely* initiative

• Highlight the improvement efforts at three hospitals involved in the GaPQC
25% reduction in antibiotics use. Can your newborn care team say that?

LET'S CHANGE THE PARADIGM AND FIGHT THE RESISTANCE TOGETHER!

- As a team — Implement evidence-based care practices
- As a center — Become a VON Center of Excellence in Antibiotic Stewardship
- As a state — Strive to achieve the VON State of Excellence in Antibiotic Stewardship

169 teams 39 states 7 countries

ALREADY DEEPLY ENGAGED!
Statewide collaboratives in TN, OR, WA, CO, and WI fighting the resistance in partnership with VON and the CDC.

Georgia joined VON in 2017 as a statewide collaborative with 8 participating hospitals
Note: some participating centers are not part of the Georgia Perinatal Quality Collaborative.
How do we implement and spread improvement efforts:
Experiences at 3 GaPQC hospitals
## VON Benchmarking

<table>
<thead>
<tr>
<th>Question</th>
<th>YES (8 GaPQC NICUs)</th>
<th>YES (146 VON NICUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policy for recording dose, duration and indication of all antibiotic prescriptions</td>
<td>0%</td>
<td>53%</td>
</tr>
<tr>
<td>Does a pharmacist review specific courses of antibiotics</td>
<td>63%</td>
<td>65%</td>
</tr>
<tr>
<td>Does your NICU have specific policies for EOS</td>
<td>50%</td>
<td>68%</td>
</tr>
<tr>
<td>Does your NICU use the EOS calculator</td>
<td>0%</td>
<td>33%</td>
</tr>
<tr>
<td>Does your NICU employ a formal timeout to decide on discontinuation</td>
<td>13%</td>
<td>61%</td>
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</tbody>
</table>
Summary

Hospital-driven, team-based collaborative antimicrobial stewardship efforts with help of regional/national support networks can:

• Engage centers
• Spread improvement strategies
• Provide benchmarking of stewardship approaches
• Reduce unnecessary antibiotic exposure in newborns
Thank you.