



# 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

**VON** Vermont Oxford  
NETWORK



**FLOYD**  
Medical Center

**NH**  
NORTHSIDE HOSPITAL  
FORSYTH

**NH**  
NORTHSIDE HOSPITAL

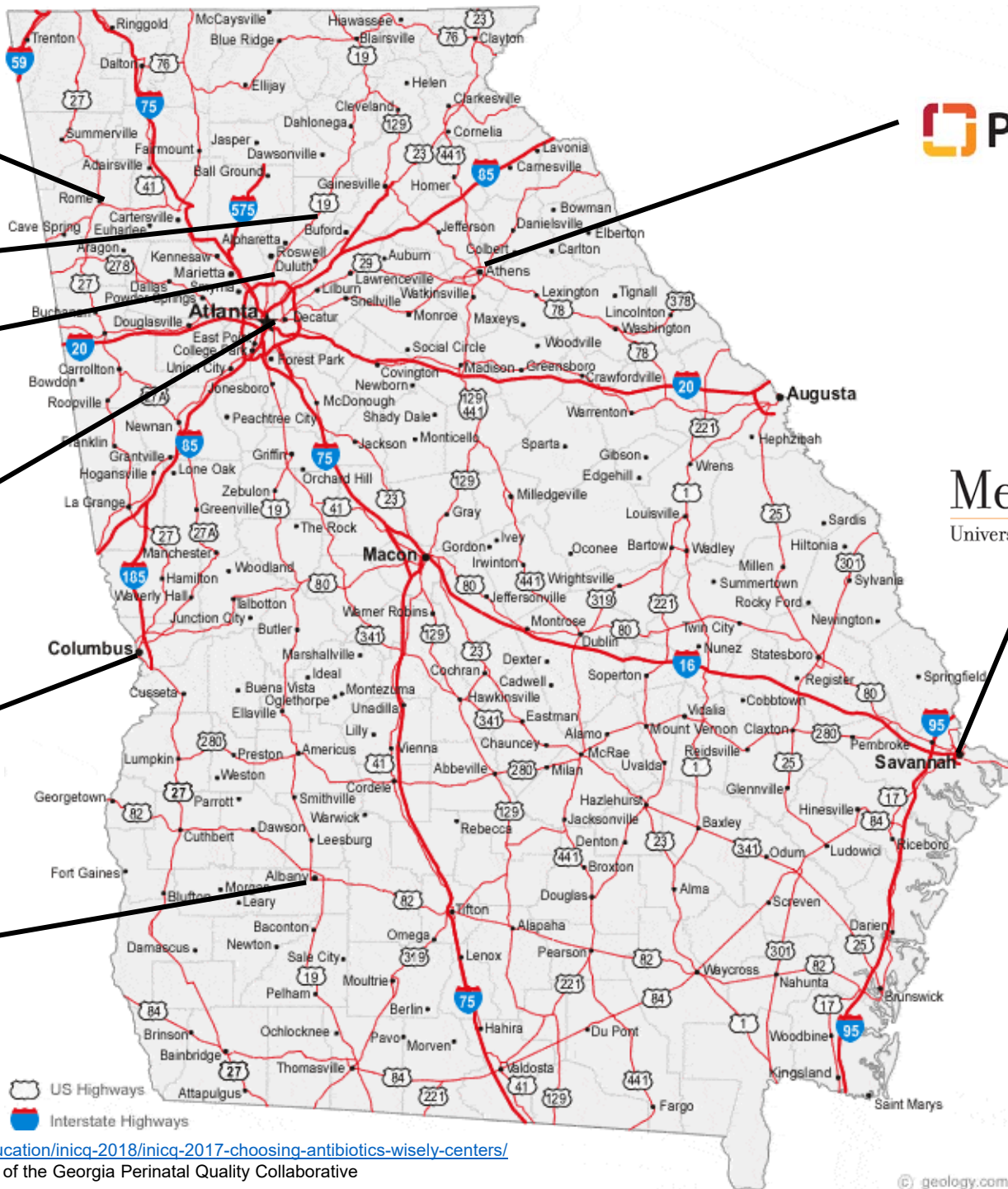
**EMORY**  
UNIVERSITY  
HOSPITAL  
MIDTOWN

  
Columbus Regional Health  
Midtown Medical Center

 **Phoebe**

 **Piedmont**  
ATHENS REGIONAL

**Memorial**  
University Medical Center



Source: <https://public.vtoxford.org/quality-education/inicq-2018/inicq-2017-choosing-antibiotics-wisely-centers/>

Note: some participating centers are not part of the Georgia Perinatal Quality Collaborative

# How do we implement and spread improvement efforts:

Experiences at 3  hospitals

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# VON Benchmarking



Question	YES (8 GaPQC NICUs)	YES (146 VON NICUs)
Policy for recording dose, duration and indication of all antibiotic prescriptions	0%	53%
Does a pharmacist review specific courses of antibiotics	63%	65%
Does your NICU have specific policies for EOS	50%	68%
Does your NICU use the EOS calculator	0%	33%
Does your NICU employ a formal time-out to decide on discontinuation	13%	61%

# 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

# GaPQC at the VON meeting in Chicago

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**Thank you.**

