



## BCI Webinar

# Improving Reporting Accuracy:

## *Antibiotics during Labor*

October 25<sup>th</sup>, 2018

Partnering to Improve Health Care Quality  
for Mothers and Babies

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# Overview

- 👶 Reminder
- 👶 Hospital Experience
- 👶 Group Sharing Session
- 👶 What is the data showing?
- 👶 Recommended Guidance on Reporting
- 👶 Scenario Examples
- 👶 Upcoming Webinar
- 👶 Adjourn

# Reminder - Audit Training

- 👤 Monthly audits might be done by someone other than designated Data Lead Abstractor
- 👤 They might be unfamiliar with the process
- 👤 We are offering training for those who might not be familiar with the process
- 👤 Please do not hesitate to reach out to us

**Most Improved Overall**  
**Baseline to September**



**Mount Sinai Medical Center**  
**Tampa General Hospital**

**Most Improved**  
**August to September**



**St. Joseph's Hospital South**

# Florida Hospital

Vickie Smith

- Florida Hospitals' experience in BCI
- Challenges faced
- Strategies to improve BC accuracy

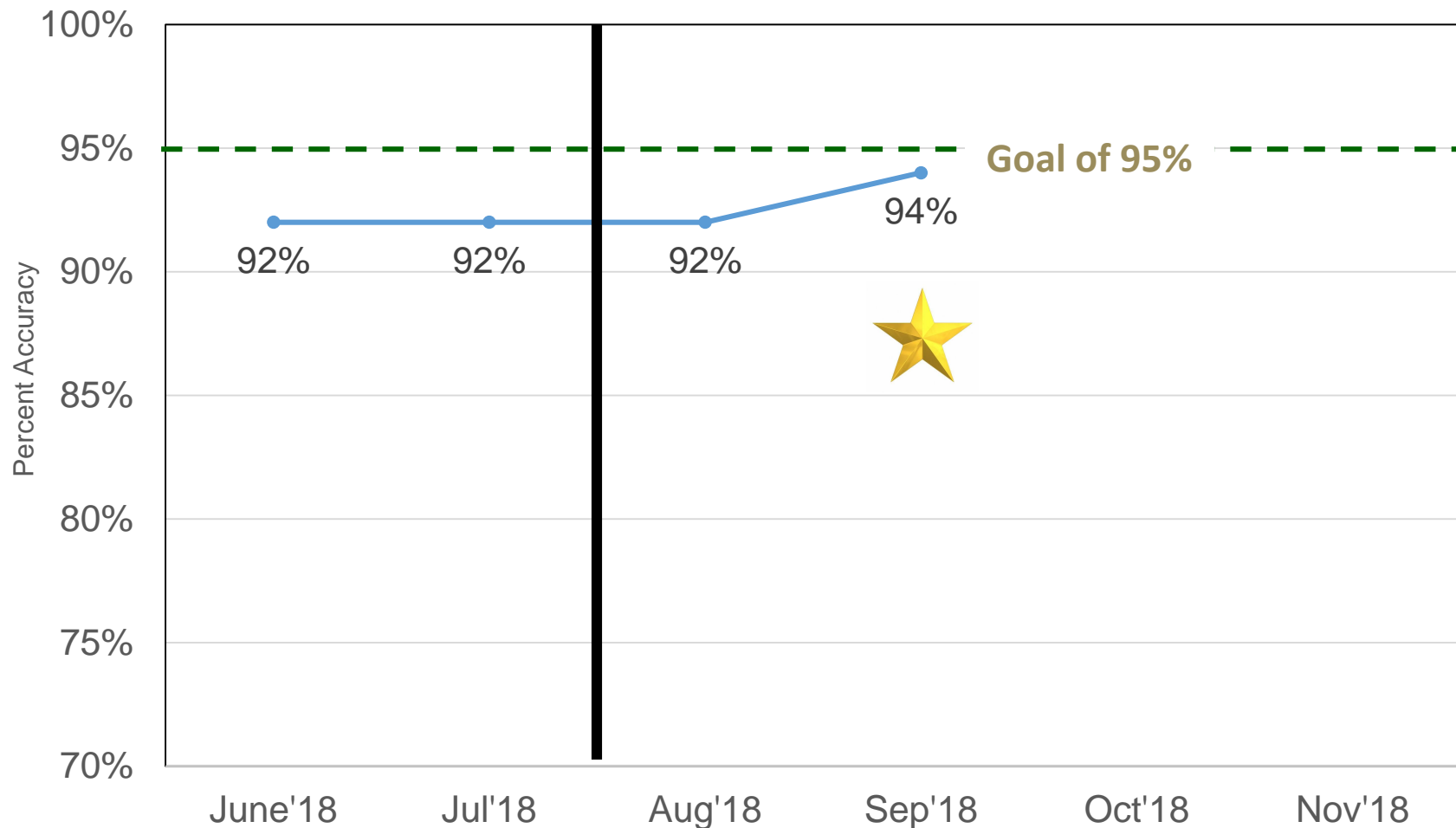


# Group Sharing Session



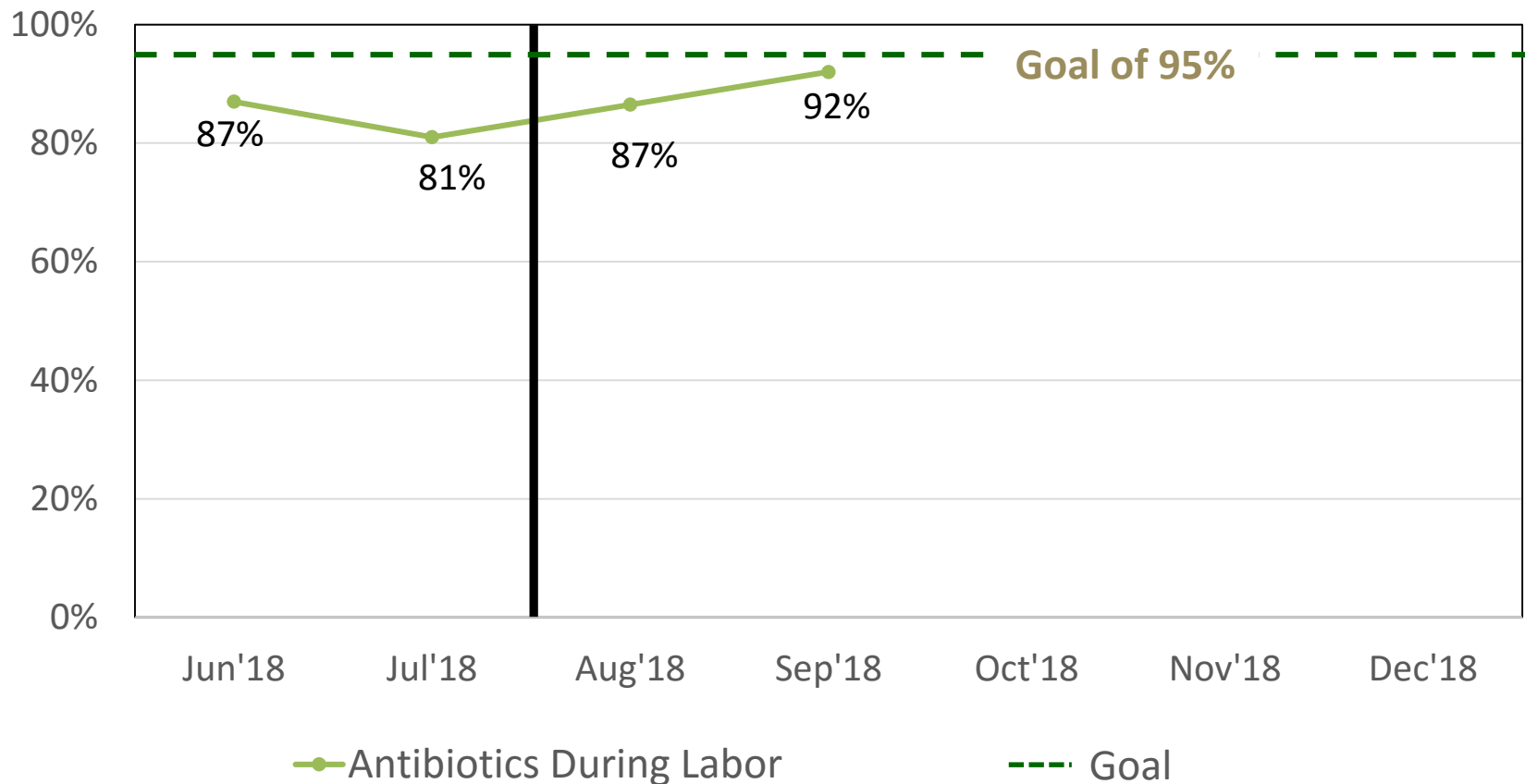
# What is the Data Showing?

# Average Percent Accuracy of All 23 Birth Certificate Variables – BCI Initiative-Wide





# Average Percent Accuracy of Birth Certificate Antibiotics During Labor— 17 BCI Hospitals



# Agreement vs Accuracy?

Figure 1: Targeting Process Variation



## Sporadic

When clerk and/or auditor recorded the weight from different sources over time



## Reliability

When clerk asks the mother her weight and the auditor copied the written answer



## Accuracy

When clerk and auditor both captured the answer from prenatal records

# Recommended Guidance on Reporting:

Antibiotics Received by the Mother During Labor



# Antibiotics Received by the Mother During Labor

**DEFINITION:** Includes antibacterial medications given systemically (intravenous or intramuscular) to the mother in the interval between the onset of labor and the actual delivery

**KEYWORDS:** SBE (sub-acute bacterial endocarditis),  
Prophylaxis GBS positive or GBS + (Group B streptococcus), Maternal fever

**SOURCES:** 1<sup>st</sup> Delivery record                      2<sup>nd</sup> Maternal medication record  
                  3<sup>rd</sup> Newborn admission H&P        4<sup>th</sup> Maternal physician order sheet  
                  5<sup>th</sup> Prenatal care records

- Check this item only if medications were received systemically by the mother **during labor**

# Tips for Entry

- 👶 Check timing of administration of the antibacterial medications
- 👶 Check item only if antibiotics received systemically by the mother **during** labor
- 👶 If information on onset of labor unavailable, check with birth attendant
- 👶 **DO NOT** check the box if the mother did not go into labor, such as during a scheduled cesarean section.

# Scenario Examples



# Scenario 1

If a mother did not go into labor and had a scheduled C/S during which she received antibiotics, you would check the box on the birth certificate.

- True
- False



## Scenario 1 – False

If a mother did not go into labor and had a scheduled C/S during which she received antibiotics, you would NOT check the box on the birth certificate.



## Scenario 2

If a mother went into labor and had an emergency C/S during which she received antibiotics, you would check the box on the birth certificate.

- True
- False

## Scenario 2 – False

If a mother went into labor and had an emergency C/S during which she received antibiotics, you would NOT check the box on the birth certificate.



## Scenario 3

If a mother went into labor and received antibiotics for systemic infection, you would check the box on the birth certificate.

- True
- False

## Scenario 3 – True

If a mother went into labor and received antibiotics **for systemic infection**, you would check the box on the birth certificate.



## Scenario 4

If a mother went into labor and received antibiotics for systemic infection, however, she ended up having an emergency C/S, you would check the box on the birth certificate.

- True
- False

## Scenario 4 – True

If a mother went into labor and received antibiotics **for systemic infection, however**, she ended up having an emergency C/S, you would check the box on the birth certificate.



# Comments? Questions?





# Upcoming Webinar

**December 6<sup>th</sup>, 2018**

*Improving Reporting Accuracy:*

***‘On-going successes and challenges’***

# Thank you!

[www.fpqc.org](http://www.fpqc.org)  
[fpqc@health.usf.edu](mailto:fpqc@health.usf.edu)