

QI Data Tools and  
Processes  
Data Webinar #2  
11/14/2024



PREGNANCY-RELATED  
**PR****OMPT**  
OPTIMAL MANAGEMENT OF  
HYPERTENSION

# WELCOME!



Please mute yourself



If you have a question, please enter it in the chat or raise your hand (Reactions)



This webinar is being recorded

# Meet the Data Team



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# Review: Persistent Severe Hypertension Definition

**Severe HTN:** Systolic BP  $\geq$  160 mm Hg or diastolic BP  $\geq$  110 mm Hg, or both.

## **Persistent Severe HTN:**

- One or more repeat severe HTN observations documented 15-60 minutes after episode onset – Severe BP values **do not need to be consecutive!**

**OR**

- BP is not documented to have decreased to nonsevere HTN within 15 minutes.



# Severe HTN Measurement Considerations

**Population:** Include patients who are pregnant at any gestational age or up to 42 days (6 weeks) postpartum with persistent severe hypertension

**Event:** Include only the first severe episode per admission

- Reduces chart review workload and prevents outliers from skewing results

# Monitoring and Management

Two severe BP values 15-60 minutes apart confirm Persistent SHTN→  
begin treatment ASAP;

Note: frequent BP monitoring is essential for patient safety

## SEVERE HYPERTENSION

SBP  $\geq$  160 or DBP  $\geq$  110

- Repeat BP every 5 min for 15 min
- Notify physician after one severe BP value is obtained

BP MONITORING

Safe Motherhood Initiative



# Poll Question – Persistent SHTN Review

Select all cases with Persistent Severe Hypertension:

min	0	5	10	15	20	25	30	35	40	45	50	55	60
A	Ⓢ			Ⓝ			Ⓢ			Ⓝ		Ⓢ	
B	Ⓢ			Ⓝ			Ⓝ		Ⓝ		Ⓝ		Ⓝ
C	Ⓢ			Ⓢ			Ⓝ		Ⓢ			Ⓝ	
D	Ⓢ				Ⓝ				Ⓝ			Ⓝ	

Ⓢ Severe BP range    Ⓝ Non-severe BP range

# Poll Question – Persistent SHTN Review

Select all cases with Persistent Severe Hypertension:

min	0	5	10	15	20	25	30	35	40	45	50	55	60
✓ A	Ⓢ			Ⓝ			Ⓢ			Ⓝ		Ⓢ	
B	Ⓢ			Ⓝ			Ⓝ		Ⓝ		Ⓝ		Ⓝ
✓ C	Ⓢ			Ⓢ			Ⓝ		Ⓢ			Ⓝ	
✓ D	Ⓢ				Ⓝ				Ⓝ			Ⓝ	

Ⓢ Severe BP range    Ⓝ Non-severe BP range



# Data for Improvement

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# Why Do We Collect Data for QI?

- Informs progress and outcome of your work
- Identify areas of opportunity and strength

Data is for *learning*, not for judgment - Maximize learning

# How to Use Your Data for Improvement

- Initial data points will be a surrogate baseline
- Review your data every month for evaluating and guiding improvement. Use it to prompt discussion and action!
- Create a system that can be maintained long after the project ends: check if you are holding your gains overtime!

Data need to be strong, detailed, and actionable!

## Aims

By 6/2026, PROMPT hospitals will increase by 20% the percentage of patients receiving:

**Timely treatment** for persistent acute-onset severe hypertension **within 1 hour** from the first severe range BP reading

Appropriate **discharge education** and scheduled **follow-up encounters within 3-7 days** post-discharge.

\* Patient level baseline will be established with the first quarter of hospital data

## Aim

By June 2026, PROMPT hospitals will increase by 20% the percentage of patients receiving:

- Timely treatment for persistent acute-onset severe hypertension within 1 hour from the first severe range BP reading
- Appropriate discharge education and scheduled follow-up encounters within 3-7 days post-discharge.

*\*Respectful care is a universal component of every driver and activity*

## Primary Drivers

**Readiness:**  
implementation of standard protocols/processes

**Recognition:**  
early identification and assessment

**Response:**  
management for every pregnant or PP patient w/acute severe HTN

## Secondary Drivers

Develop standard protocols/processes for identification, management, and treatment of severe HTN

Ensure rapid access to severe HTN medication

Integrate a patient advisor in your QI team\*

Assess and document if patient presenting is pregnant or has been within the past year in all care settings

Ensure accurate blood pressure measurement & assessment

Provide verbal and written HTN education to patients and support persons\*

Provide Interdisciplinary clinician team training for early recognition and treatment of OB hypertensive emergencies (ED, OB, Cardiology, ICU)\*

Implement standardized protocol for treatment of severe HTN

Provide trauma-informed support for patients\*

Schedule postpartum encounter 3-7 days post-discharge

PROCESS  
PRECEDES  
OUTCOME

Direction of causality

# Data Collection: Types & Tools

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How do we know the change was an improvement?

# PROMPT Data Types

## **Patient Level Data – Monthly**

Demographics, time to treatment, education, tools provided and appointments scheduled

## **Patient Level Data – Quarterly**

Aggregate Severe Maternal Morbidity

## **Hospital-Level Data – Quarterly**

Policies/Guidelines/Procedures, staff education

# PROMPT Data Types

## **Patient Level Data – Monthly**

Demographics, time to treatment, education, tools provided and appointments scheduled



# Population for Focus Population

- **Inclusion criteria**

- Pregnant or postpartum women (up to 6 weeks) that present to ***Triage, ED, OBED, Antepartum, L&D and/or Postpartum unit*** at your hospital that have Persistent Severe Hypertension (SHTN)
- Persistent SHTN Definition:
  - BP:  $\geq 160$  systolic and/or  $\geq 110$  diastolic **AND**
  - one or more repeat severe HTN observations documented 15-60 min after episode onset (values **do not need to be consecutive**), **OR** BP not documented to have decreased to nonsevere HTN within 15 min

- **Exclusion criteria**

- Those patients without persistent severe hypertension

# SEVERE HYPERTENSION DATA FORM

Goal: Increase the percentage of pregnant and postpartum patients treated for persistent severe hypertension (SHTN) ( $\geq 160$  systolic OR  $\geq 110$  diastolic) within 60 minutes.

Instructions: Document the following information for any persistent SHTN ( $\geq 160$  systolic OR  $\geq 110$  diastolic) occurring during pregnancy or up to 6 weeks postpartum, including patients in triage, ED, OBED, antepartum, L&D, postpartum. OB unit includes OBED, antepartum, L&D and postpartum Units.

STUDY ID: \_\_\_\_\_

Discharge Month _____ Year _____	Sat/Sun/Holiday discharge <input type="checkbox"/> Yes <input type="checkbox"/> No	Age _____	GA at event _____ wks OR # days PP at event _____	GA at delivery _____ wks <input type="checkbox"/> N/A
Ethnicity <input type="checkbox"/> Hispanic <input type="checkbox"/> Non-Hispanic	<input type="checkbox"/> Pt. declined to answer <input type="checkbox"/> Unknown	1 <sup>st</sup> Language <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> H.Creole <input type="checkbox"/> Other _____ <input type="checkbox"/> Unknown	Insurance (check all that apply) <input type="checkbox"/> Medicaid/Med plans <input type="checkbox"/> Private <input type="checkbox"/> Self-pay <input type="checkbox"/> Other _____ <input type="checkbox"/> Unknown	Delivery type: <input type="checkbox"/> Vaginal <input type="checkbox"/> Scheduled C/S <input type="checkbox"/> Emergency C/S <input type="checkbox"/> N/A
Race (check all that apply) <input type="checkbox"/> Asian <input type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Other _____	<input type="checkbox"/> Unknown <input type="checkbox"/> Pt. declined to answer			Dx at Discharge (check all that apply) <input type="checkbox"/> Chronic HTN <input type="checkbox"/> Gestational HTN <input type="checkbox"/> Preeclampsia <input type="checkbox"/> Superimposed Preeclampsia <input type="checkbox"/> Eclampsia <input type="checkbox"/> HELLP

## DEMOGRAPHICS

MEDICAL MANAGEMENT					
Measure	Time Hh:mm 24h	Pt. location (mark one)			
		T=Triage	AP=antepartum	PP=postpartum	
BP reached $\geq 160$ or diastolic $\geq 110$		EMS	ED	OBED	T AP L&D PP
Confirmatory BP $\geq 160$ or diastolic $\geq 110$		EMS	ED	OBED	T AP L&D PP
First BP $\geq 160$ or diastolic $\geq 110$ in OB-unit				OBED	T AP L&D PP
First BP med given		EMS	ED	OBED	T AP L&D PP
BP reached $< 160$ and diastolic BP $< 110$		EMS	ED	OBED	T AP L&D PP

Medications (check all given)	Followed protocol (dosage and timing)	Check First Medication Given
<input type="checkbox"/> Labetalol	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hydralazine	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Nifedipine	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other antihypertensive _____	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Magnesium Sulfate Bolus	Yes <input type="checkbox"/> No <input type="checkbox"/>	
<input type="checkbox"/> Magnesium Sulfate Maintenance	Yes <input type="checkbox"/> No <input type="checkbox"/>	

Reason antihypertensive and/or Magnesium were not given	
<input type="checkbox"/> Clinical Judgement	<input type="checkbox"/> Patient declined
<input type="checkbox"/> BP not confirmed	<input type="checkbox"/> Patient left AMA
<input type="checkbox"/> BP normalized prior to starting meds	<input type="checkbox"/> Other _____
<input type="checkbox"/> Immediate delivery planned	<input type="checkbox"/> Not documented/unknown

Did hypotension (systolic  $< 90$  and/or diastolic  $< 50$ ) occur within one hour of giving antihypertensive medication?  YES  NO  
 → Was there corresponding deterioration in FHR?  YES  NO  N/A  
 → Were interventions for hypotension administered?  YES  NO  
 → Was a cesarean performed due to hypotension?  YES  NO  N/A

### Adverse Maternal Outcome (check all that apply):

- OB hemorrhage with transfusion of  $\geq 4$  units of blood products
- Intracranial hemorrhage or ischemic event
- Pulmonary edema
- Oliguria
- Renal failure
- Placental abruption
- ICU admission
- DIC
- Liver failure
- Other \_\_\_\_\_
- Ventilation
- None

### Adverse Neonatal Outcome:

- NICU/SCN admission
- IUFD
- Other \_\_\_\_\_
- None
- N/A

### Clinical Debrief/case Reviews

Did the physician and RN debrief this case for treatment improvement opportunities?

Yes  No

If an SMM case, was an interdisciplinary case review conducted?  Yes  No  N/A

DISCHARGE MANAGEMENT		
	Yes	No
Were verbal & written PP warning signs given?	<input type="checkbox"/>	<input type="checkbox"/>
Was pt. verbally briefed on her persistent SHTN before discharge?	<input type="checkbox"/>	<input type="checkbox"/>
Was the patient discharged on meds?	<input type="checkbox"/>	<input type="checkbox"/>
Were meds provided prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>
Did the patient have a BP cuff to take home prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>
Was a PP Discharge Assessment (vital signs and response) conducted just prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>
How many days after discharge were appointments scheduled? (check all that apply)	<input type="checkbox"/> BP and symptoms check within 3 days <input type="checkbox"/> 4-7 days <input type="checkbox"/> 8-14 days <input type="checkbox"/> 15-21 days <input type="checkbox"/> $> 21$ days <input type="checkbox"/> Pt. instructed/not scheduled	

## ADVERSE OUTCOMES

## DISCHARGE PROCESS

## TIME TO TREAT

## ADVERSE EFFECTS

# DEMOGRAPHICS

- Assign Study ID # 001 to the first patient whose data will be submitted to FPQC
- Number consecutively all patients submitted to FPQC throughout the initiative

STUDY ID: \_\_\_\_\_

Discharge Month _____ Year _____	Sat/Sun/Holiday discharge <input type="checkbox"/> Yes <input type="checkbox"/> No	Age _____	GA at event _____ wks OR # days PP at event _____	GA at delivery _____ wks <input type="checkbox"/> N/A
<b>Ethnicity</b> <input type="checkbox"/> Hispanic <input type="checkbox"/> Non-Hispanic	<input type="checkbox"/> Pt. declined to answer <input type="checkbox"/> Unknown	<b>1ry Language</b> <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> H.Creole <input type="checkbox"/> Other _____ <input type="checkbox"/> Unknown	<b>Insurance</b> (check all that apply) <input type="checkbox"/> Medicaid/Med plans <input type="checkbox"/> Private <input type="checkbox"/> Self-pay <input type="checkbox"/> Other _____ <input type="checkbox"/> Unknown	<b>Delivery type:</b> <input type="checkbox"/> Vaginal <input type="checkbox"/> Scheduled C/S <input type="checkbox"/> Emerg. C/S for FHR-Cat 3 <input type="checkbox"/> Emerg. C/S other reason <input type="checkbox"/> N/A
<b>Race</b> (check all that apply) <input type="checkbox"/> Asian <input type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Other _____	<input type="checkbox"/> Unknown <input type="checkbox"/> Pt. declined to answer			<b>Dx at Discharge</b> (check all that apply) <input type="checkbox"/> Chronic HTN <input type="checkbox"/> Gestational HTN <input type="checkbox"/> Preeclampsia <input type="checkbox"/> Superimposed Preeclampsia <input type="checkbox"/> Eclampsia <input type="checkbox"/> HELLP

- Inform case composition and track population change overtime
- Disaggregate measures to identify differences between population groups

# Medical Management - Time to Treat

This section is for the first SHTN event only

MEDICAL MANAGEMENT – FIRST SHTN EVENT								
Measure	Time Hh:mm 24h	Pt. location (mark one)						
		T=Triage AP=antepartum PP=postpartum						
BP first reached $\geq 160$ or diastolic $\geq 110$		EMS	ED	OBED	T	AP	L&D	PP
Confirmatory BP $\geq 160$ or diastolic $\geq 110$		EMS	ED	OBED	T	AP	L&D	PP
First BP $\geq 160$ or diastolic $\geq 110$ in <u>OB-unit</u>				OBED	T	AP	L&D	PP
First BP med given		EMS	ED	OBED	T	AP	L&D	PP
BP reached $< 160$ and diastolic BP $< 110$		EMS	ED	OBED	T	AP	L&D	PP

If first SHTN happened in an OB unit, the first and third line will have the same information.

Time must be in 24 hour format!!!!

T = Triage  
AP = Antepartum  
PP = Postpartum

# Medical Management - Medications

The protocol is established by your hospital/unit

Medications (check all given)	Followed protocol (dosage and timing)	Check First Medication Given
<input type="checkbox"/> Labetalol	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hydralazine	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Nifedipine	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other antihypertensive _____	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Magnesium Sulfate Bolus	Yes <input type="checkbox"/> No <input type="checkbox"/>	
<input type="checkbox"/> Magnesium Sulfate Maintenance	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Reason medication not given		
<input type="checkbox"/> Clinical Judgement <input type="checkbox"/> BP not confirmed <input type="checkbox"/> BP normalized prior to starting meds <input type="checkbox"/> Immediate delivery planned	<input type="checkbox"/> Patient declined <input type="checkbox"/> Patient left AMA <input type="checkbox"/> Other _____ <input type="checkbox"/> Not documented/unknown	

This is the first medicine given (choose only one!)

# Medical Management – Balancing Measures

Did hypotension (systolic <90 and or diastolic <50) occur within one hour of giving antihypertensive medication?  YES  NO

→ Was there corresponding deterioration in FHR?  YES  NO  N/A

→ Were interventions for hypotension administered?  YES  NO

→ Was a cesarean performed due to hypotension?  YES  NO  N/A

- We want to track these measures to make sure the interventions are not causing harm.
- Hypotension after appropriate antihypertensive treatment is uncommon and rarely leads to fetal compromise requiring immediate delivery.

# Adverse Outcomes

## Adverse Maternal Outcome (*check all that apply*):

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> OB hemorrhage with transfusion of $\geq 4$ units of blood products |  |  |
| <input type="checkbox"/> Intracranial hemorrhage or ischemic event                          |  | <input type="checkbox"/> Placental abruption |
| <input type="checkbox"/> Pulmonary edema  | <input type="checkbox"/> ICU admission | <input type="checkbox"/> Other _____         |
| <input type="checkbox"/> Oliguria   | <input type="checkbox"/> DIC           | <input type="checkbox"/> Ventilation         |
| <input type="checkbox"/> Renal failure  | <input type="checkbox"/> Liver failure | <input type="checkbox"/> None                |

## Adverse Neonatal Outcome:

- NICU/SCN admission    IUFD    Other \_\_\_\_\_    None    Unknown    N/A

## Clinical Debrief/case Reviews

Did the physician and RN debrief this case for treatment improvement opportunities?

- Yes    No

If an SMM case, was an interdisciplinary case review conducted?    Yes    No    N/A

What other SMM event was this related to?


# Discharge Process

DISCHARGE MANAGEMENT		
	Yes	No
Were verbal & written PP warning signs given?	<input type="checkbox"/>	<input type="checkbox"/>
Was pt. verbally briefed on their persistent SHTN before discharge?	<input type="checkbox"/>	<input type="checkbox"/>
Was the patient discharged on meds?	<input type="checkbox"/>	<input type="checkbox"/>
Were meds provided prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>
Did the patient have a BP cuff to take home prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>
Was a PP Discharge Assessment (vital signs and response) conducted just prior to discharge?	<input type="checkbox"/>	<input type="checkbox"/>
How many days after discharge were appointments scheduled? (check all that apply)	<input type="checkbox"/> BP and symptoms check within 3 days <input type="checkbox"/> 4-7 days <input type="checkbox"/> 8-14 days <input type="checkbox"/> 15-21 days <input type="checkbox"/> >21 days <input type="checkbox"/> Pt. instructed/not scheduled	



# Example PP Discharge Assessment from PACC

**Postpartum Discharge Assessment**  
(to be done just prior to discharge)



FPQC

Vitals	If yes...	Checked
Is the most recent blood pressure $\geq 160/100$ ?	Alert the provider and hold discharge	<input type="checkbox"/>
Is the most recent pulse $\geq 120$ ?	Alert the provider and hold discharge	<input type="checkbox"/>
Is temperature $\geq 100.4F/38C$ ?	Alert the provider and hold discharge	<input type="checkbox"/>
Is the respiratory rate $\geq 30$ ?	Alert the provider and hold discharge	<input type="checkbox"/>

# Steps for Data Collection And Abstraction

1. Implement the Severe HTN patient-level Data Form for **all** patients with new onset persistent severe HTN.  
\*Use chart review to collect discharge and outcome data.

2. Use your EMR to identify all patients with new onset persistent severe HTN to ensure you've captured all cases.

**Link to forms will be sent to the project and data lead once DUA is fully executed.**

# Chart Review

## All Levels:

Retrospective chart review using:

- **ICD-10 codes** for Preeclampsia Diagnosis codes in L&D, ED, Triage, Antepartum, Postpartum
- **EMR searches/reports** using **keywords** for pregnant/postpartum patients such as: *chronic HTN, preeclampsia, eclampsia, superimposed preeclampsia, preeclampsia with severe features, systolic BP  $\geq$  160, diastolic BP  $\geq$  110, etc.*
- **Delivery logs**
- **Pharmacy records** for Labetalol, Hydralazine, Nifedipine, and Magnesium Sulfate



# ICD-10 Codes

## AIM Severe Hypertension in Pregnancy ICD10 Codes List

Code	Definition
<b>O111</b>	Pre-existing hypertension with pre-eclampsia, first trimester
<b>O112</b>	Pre-existing hypertension with pre-eclampsia, second trimester
<b>O113</b>	Pre-existing hypertension with pre-eclampsia, third trimester
<b>O114</b>	Pre-existing hypertension with pre-eclampsia, complicating childbirth
<b>O115</b>	Pre-existing hypertension with pre-eclampsia, complicating the puerperium
<b>O119</b>	Pre-existing hypertension with pre-eclampsia, unspecified trimester
<b>O1410</b>	Severe pre-eclampsia, unspecified trimester
<b>O1412</b>	Severe pre-eclampsia, second trimester
<b>O1413</b>	Severe pre-eclampsia, third trimester
<b>O1414</b>	Severe pre-eclampsia complicating childbirth
<b>O1415</b>	Severe pre-eclampsia, complicating the puerperium
<b>O1420</b>	HELLP syndrome (HELLP), unspecified trimester
<b>O1422</b>	HELLP syndrome (HELLP), second trimester
<b>O1423</b>	HELLP syndrome (HELLP), third trimester
<b>O1424</b>	HELLP syndrome (HELLP), complicating childbirth
<b>O1425</b>	HELLP syndrome (HELLP), complicating the puerperium
<b>O1500</b>	Eclampsia complicating pregnancy, unspecified trimester
<b>O1502</b>	Eclampsia complicating pregnancy, second trimester
<b>O1503</b>	Eclampsia complicating pregnancy, third trimester
<b>O151</b>	Eclampsia complicating labor
<b>O152</b>	Eclampsia complicating the puerperium
<b>O159</b>	Eclampsia, unspecified as to time period

# Steps for Data Collection And Abstraction

1. Implement the Severe HTN patient-level Data Form for **all** patients with new onset persistent severe HTN.  
\*Use chart review to collect discharge and outcome data.

2. Use your EMR to identify all patients with new onset persistent severe HTN to ensure you've captured all cases.

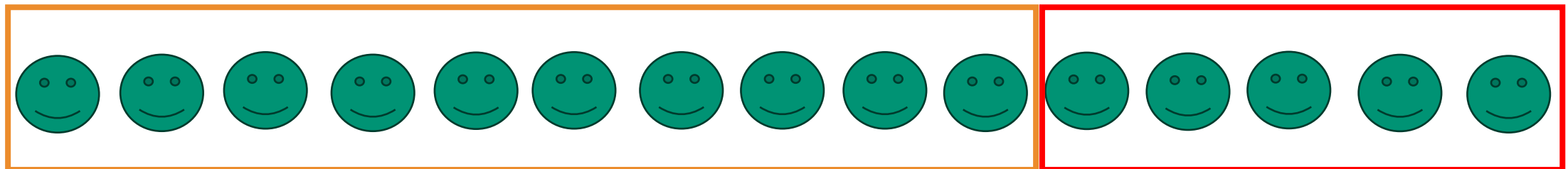
3. **Find your sample of up to 15 patients.** If patient already has a form, submit to FPQC. If patient does not have a form use chart review to collect discharge and outcome data.

Link to forms will be sent to the project and data lead once DUA is fully executed.

# INDIVIDUAL PATIENT-LEVEL DATA

## Monthly

Report on *up to* 15 cases of pregnant and postpartum patients with persistent, severe hypertension that present to ED or obstetric unit.



Persistent SHTN (First 10 pts  
excluding those with SMM)

SMM among  
preeclampsia/eclampsia  
/HELLP (First 5 pts)

# Keep Track of Your Cases

Please keep a **log** of the patients whose data is submitted to FPQC.

Please keep for your records only. Never submit the patient's medical record to FPQC.

Medical Record #	Study ID #	Survey Return Code	Data lead name

# Steps for Data Collection And Abstraction

1. Implement the Severe HTN patient-level Data Form for **all** patients with new onset persistent severe HTN.  
\*Use chart review to collect discharge and outcome data.

2. Use your EMR to identify all patients with new onset persistent severe HTN to ensure you've captured all cases.

4. Enter monthly data into REDCap by the 15<sup>th</sup> of the following month (e.g. January data is due February 15th)

3. **Find your sample of up to 15 patients.** If patient already has a form, submit to FPQC. If patient does not have a form, use chart review to collect discharge and outcome data.

Link to forms will be sent to the project and data lead once DUA is fully executed.



# Questions?

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# REDCap Demo: Monthly Patient Level Form

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# PROMPT Data Types



**Patient Level Data – Quarterly**  
Aggregate Severe Maternal Morbidity

# Aggregate Patient-Level Data

Submitted quarterly with your hospital-level data!

Aggregate Patient Data	
# of patients admitted for birth	<input type="text"/>
# of patients diagnosed with preeclampsia, eclampsia, or HELLP syndrome during birth admission	<input type="text"/>
# of patients with SMM* during birth admission ( <i>excluding transfusion-only cases</i> )	<input type="text"/>
# of patients with SMM* ( <i>excluding transfusion-only cases</i> ) who were diagnosed with preeclampsia, eclampsia, or HELLP syndrome during their birth admission	<input type="text"/>

\*As defined by the CDC (ICD-10 code list available)

# PROMPT Data Types



**Hospital-Level Data – Quarterly**  
Policies/Guidelines/Procedures, staff education

# What are Structural Measures?

Structural Measures help us to assess where your facility is on implementation within our Initiative.

- Policies
- Procedures
- Guidelines
- Workflows



# How are we measuring this?

Implement and/or reinforce key processes, guidelines, policies, and resources to support PROMPT.

Report as follows:

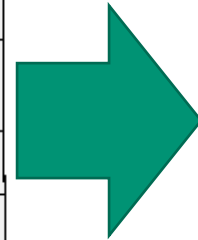
1. **Not started**
2. **Planning**
3. **Started Implementing** - started implementation in the last 3 months
4. **Implemented** - less than 80% compliance after at least 3 months of Implementation (Not routine practice)
5. **Fully Implemented** - at least 80% compliance after at least 3 months of Implementation (Routine practice)



**Pregnancy-Related Optimal Management of Hypertension (PROMPT)  
Hospital-Level Data Collection Form**

- 1 - Not Started
- 2 - Planning/Developing
- 3 - Started Implementing - Started implementing in the last 3 months
- 4 - Implemented - Less than 80% compliance after at least 3 months of implementation (not routine practice)
- 5 - Fully Implemented - At least 80% compliance after at least 3 months of implementation (routine practice)

<i>To what extent has your hospital:</i>	Not started 1	Planning/ Developing 2	Started to implement 3	Implemented 4	Fully implemented 5
Established Emergency Department (ED) Screening for current or recent pregnancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implemented a process to ensure accurate blood pressure measurement and assessment with confirmation after severe range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implemented a Severe Hypertension (SHTN)/preeclampsia policy, guideline, and/or process (reviewed or updated within the last two years) that contains: treatment of SHTN/preeclampsia and the use of seizure prophylaxis, including for treatment of magnesium overdose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ensured ready reference to algorithms for identifying, assessing, and treating SHTN/preeclampsia on all units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implemented a system plan for level of care escalation, consultation, and maternal transport when needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Developed a workflow to ensure rapid access to SHTN medication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Established a standardized process to conduct debriefs with patients after a severe event	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Established a process to perform interdisciplinary systems-level reviews of cases of severe maternal morbidity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Held interprofessional and interdepartmental team-based drills with timely debriefs that include the use of simulated patients	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implemented periodic education and engagement for ED physicians and staff about SHTN/preeclampsia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engaged a Patient Advisor in the QI team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



# HOSPITAL-LEVEL DATA

## Quarterly

- Not started
- Planning
- Started to implement
- Implemented
- Fully Implemented



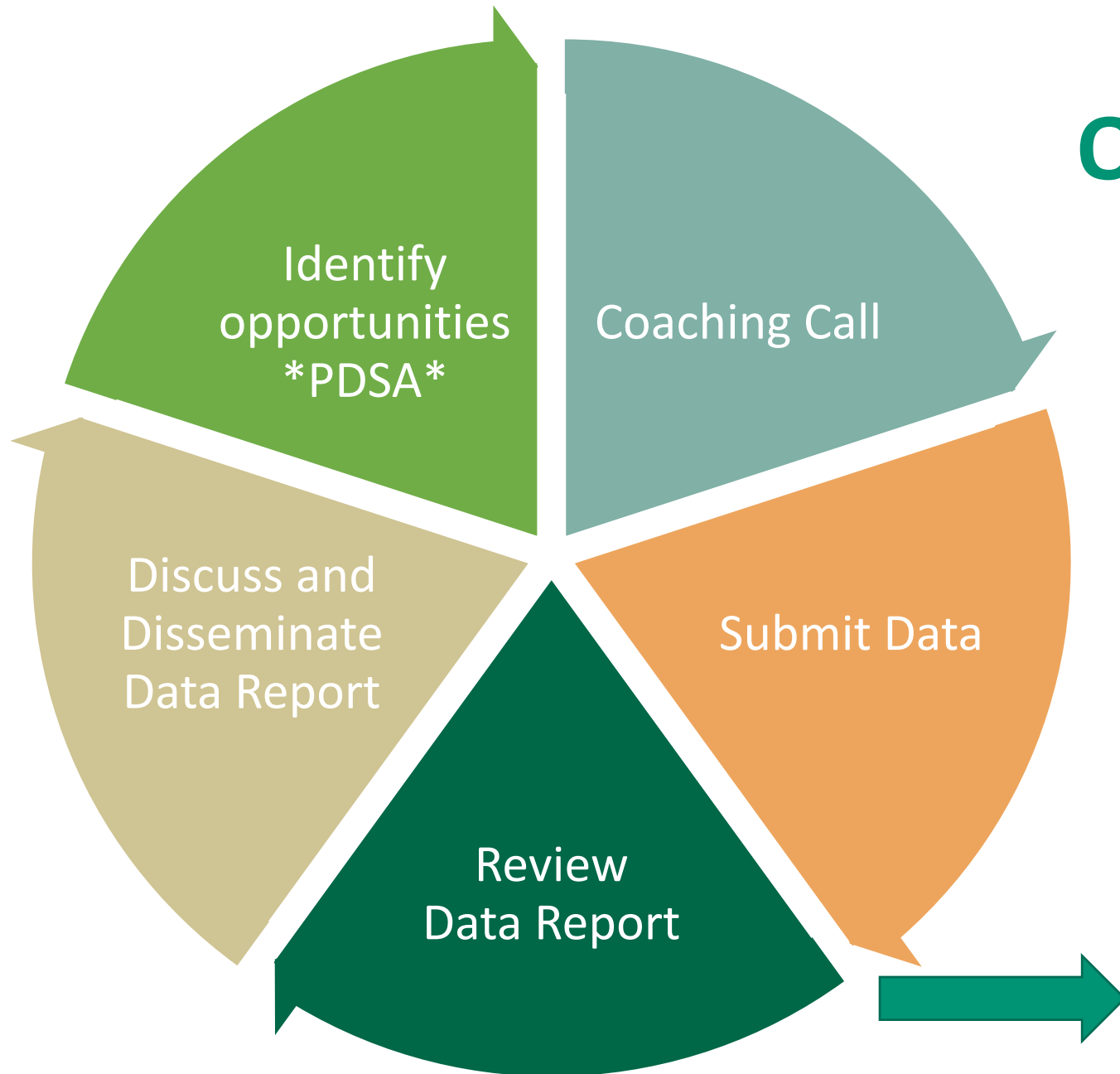


# Staff Education

Report cumulative percent

Staff Education and Training		
Please add the percentage of staff, physicians, and midwives that are educated on the following topics:		
What percentage of your staff has received education on...	Nurses	Physicians & Midwives
Accurate blood pressure measurement and assessment?	<input type="text"/> %	<input type="text"/> %
Severe hypertension/preeclampsia policy, guidelines or procedures?	<input type="text"/> %	<input type="text"/> %
Respectful Care and commitment to Respectful Care practices?	<input type="text"/> %	<input type="text"/> %

# QI MONTHLY CYCLE



## QI REPORTS

- Aim
- Run Charts
- Tracks Process, Structural and Outcome Measures
- Add your PDSAs

# Important Requests & Dates

- ❑ Track completion of your hospital's Data Use Agreement
  - ❑ 25 DUAs completed. 66 need to submit DUAs
- ❑ Let us know of any changes in your PROMPT team
- ❑ Submit your Hospital-Level Data in **December**
- ❑ **Patient-level data collection starts in January** – (January data is due February 15<sup>th</sup>)

# Questions?

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**“To improve the health and health care of all Florida mothers & babies”**

