



Maternal Hypertension Initiative

April Action Period Call

April 23, 2021



Welcome!



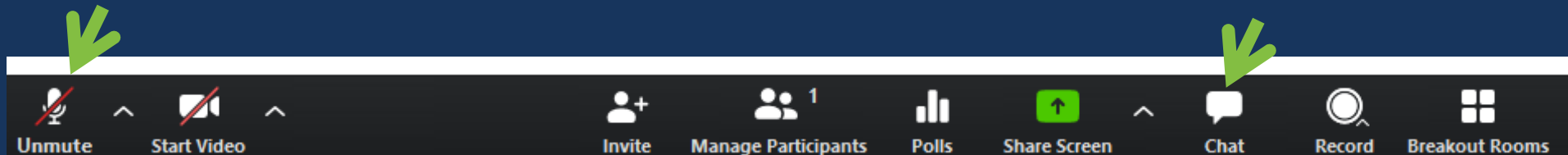
- Please type your **name** and **institution** you represent in the chat box and send to “Everyone”.
- Please also do for all those in the room with you viewing the webinar.
- Thank You



Welcome!








- Attendees are automatically muted to reduce background noise.
- You may enter questions/comments in the “chat” box during the presentation. We will have Q&A session at the end.
- Slides will be available via email and at www.alpqc.org
- We are now recording



Agenda



Maternal HTN Updates		12:05 – 12:10
Data Measures & Portal Review		12:10 – 12:25
Team Talks		12:25 – 12:50
Q & A		12:50 – 1:00
Next Steps		1:00



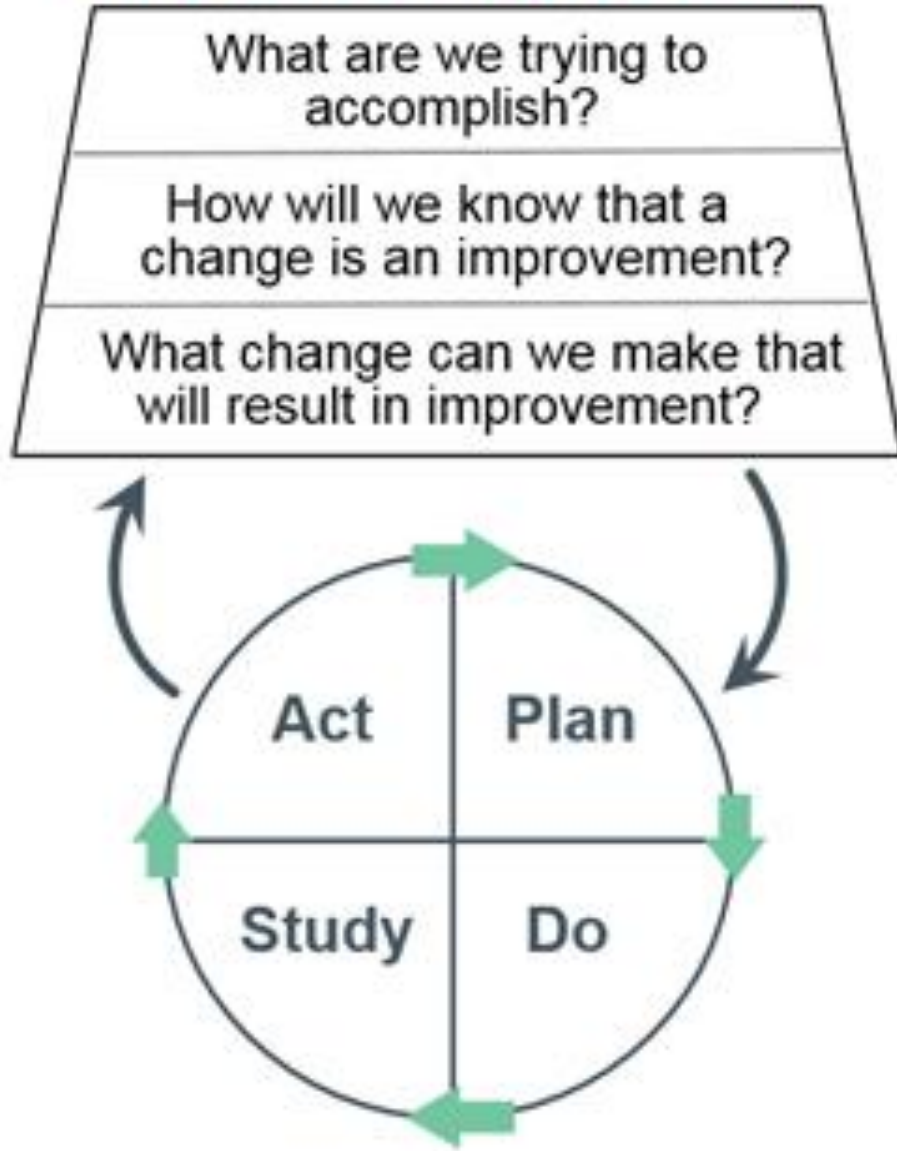
Maternal HTN Updates

- Baseline data submission
- MOD BTB Training – extension through April 30
- Data use agreements
- Monthly data reporting: March data due April 30, 2021

Data Measures & Portal Review

Why This Matters

Model for Improvement



Setting your SMART aim



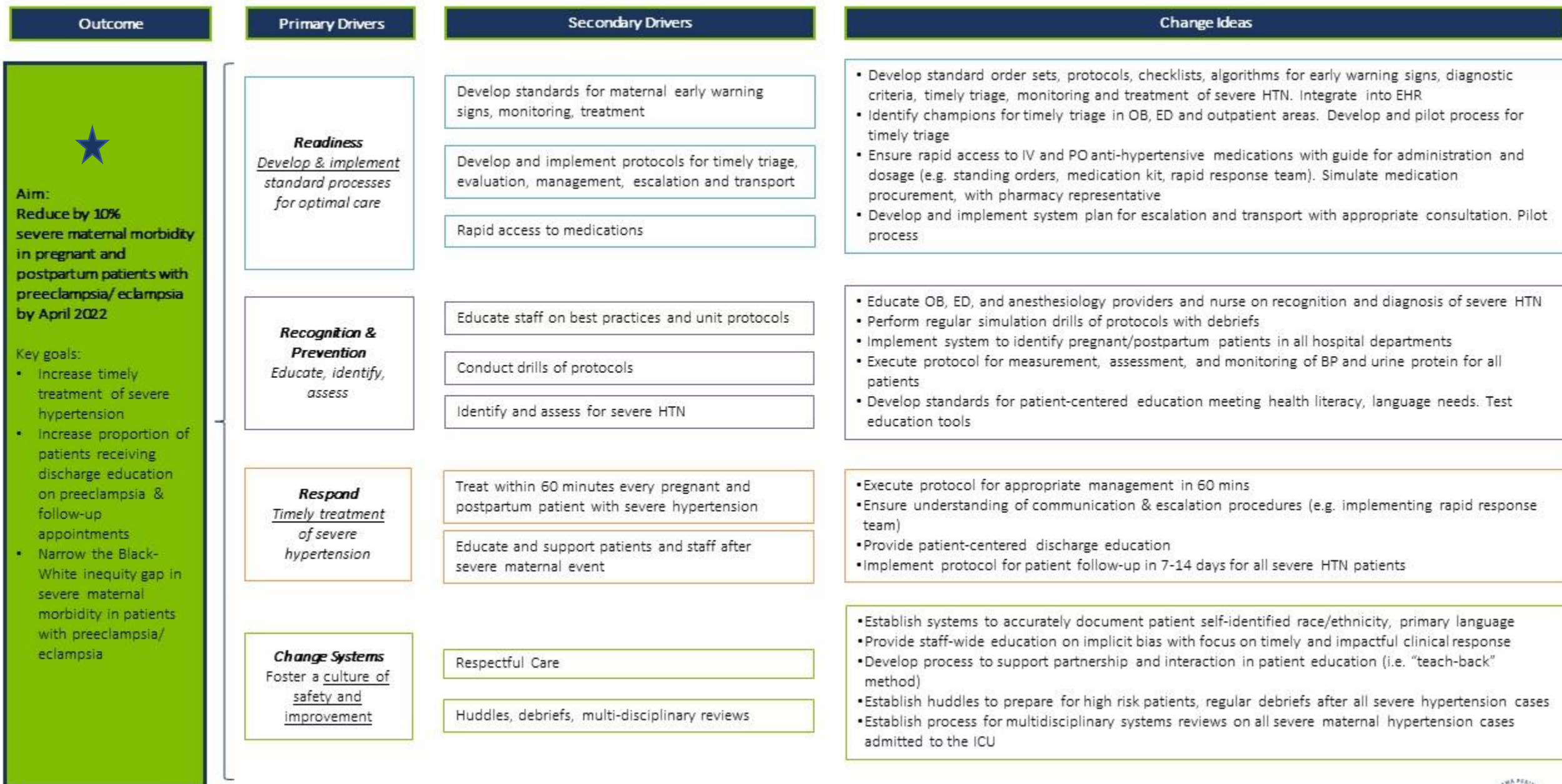
Measurement Strategy



Key Driver Diagram



Testing Changes via PDSA cycles



Maternal Hypertension Driver Diagram



Severe Maternal Morbidity (SMM)

- A range of serious pregnancy complications that result in significant short-term or long-term consequences to a woman's health.
- Calculated:
 - [21 SMM indicators](#) and corresponding ICD diagnosis and procedure codes used to identify delivery hospitalizations with SMM



Baseline Data



Measure Type	Measure	Source	BASELINE Measurement Period
Process	P1. Timely treatment of Severe Hypertension	IT report, chart review	<p>Monthly basis:</p> <ul style="list-style-type: none"> December 2020 January 2021 February 2021 <p><u>Note:</u></p> <ul style="list-style-type: none"> Baseline: in aggregate (numerator/denominator) Initiative: individual patient level
Outcome	02. SMM	IT report	<p>Quarterly basis:</p> <ul style="list-style-type: none"> January-March 2020 April-June 2020 July-September 2020 October-December 2020 <u>January-February 2021</u>
Outcome	03. SMM (excluding transfusion codes)	IT report	
Outcome	04. SMM among Preeclampsia Cases	IT report	
Outcome	05. SMM among Preeclampsia Cases (excluding transfusion codes)	IT report	

Measures in **bold** denote priority

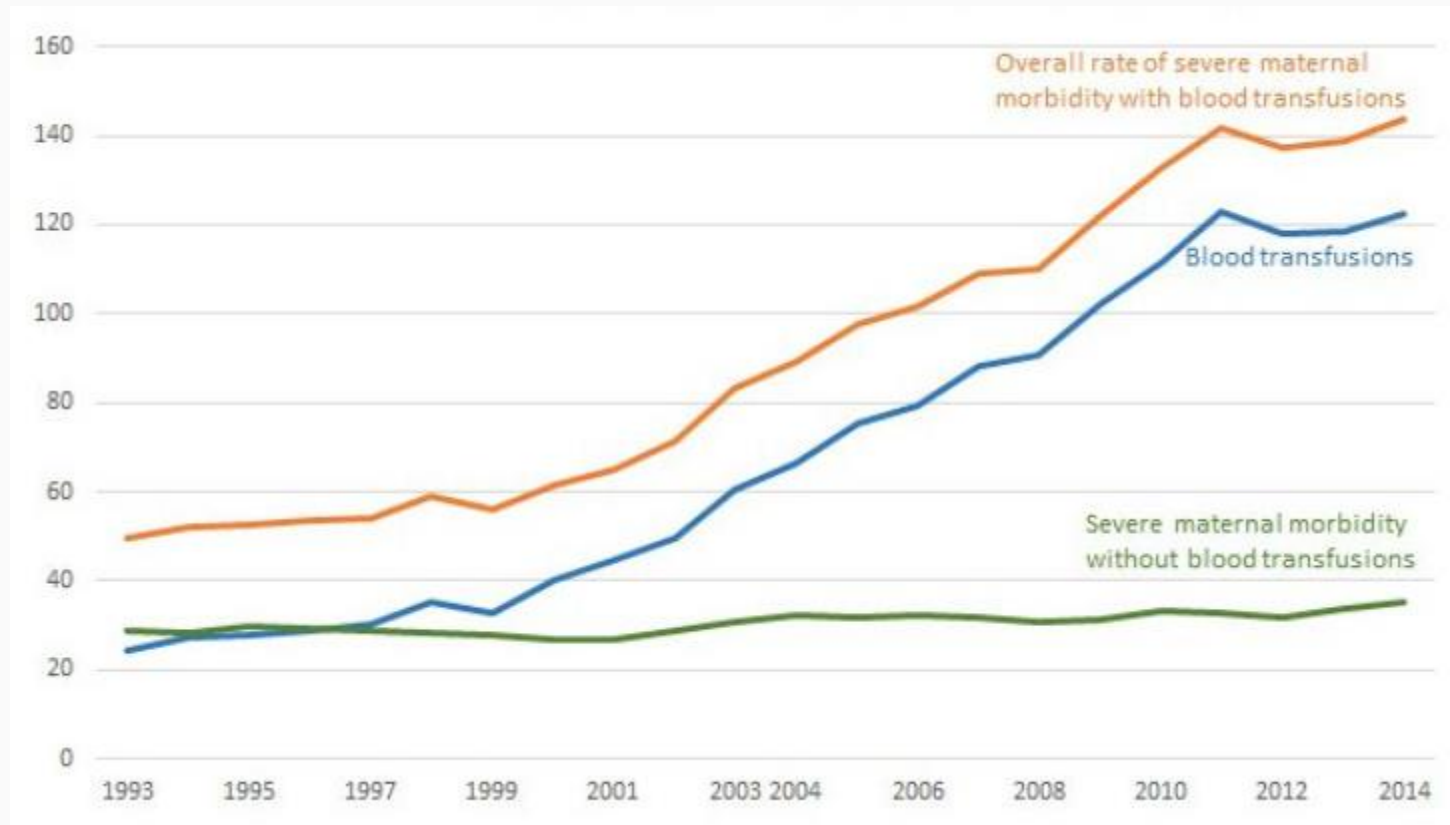
Measures Reported by Race/Ethnicity

Baseline data Due March 31





Severe Maternal Morbidity, 1993 - 2014



For every maternal death, 100 women experience SMM

Rate of SMM per 10,000 delivery hospitalizations in the U.S.





A	B	C	D	E	F	G	H	I
Codes for ALPQC Maternal Hypertension Initiative Outcome Measures								
For females aged 12-55. No exclusions due to transfer in or out. See other tabs in this worksheet for descriptions of codes.								
Measure #	Measure #01		Measure #02			Measure #03		
Measure Name	Deliveries with Severe Preeclampsia, Eclampsia, Preeclampsia superimposed on pre-existing hypertension		Severe Maternal Morbidity *			Severe Maternal Morbidity (excluding transfusion)		
	Description	Codes (Click on cells for ICD-9 codes)	Description	Codes (Click on cells for ICD-9 codes)		Description	Codes (Click on cells for ICD-9 codes)	
Denominator	DELIVERY CODES: All patients during their birth admission, excluding ectopics and miscarriages EXCLUSIONS to Birth Admission Codes:	INCLUDE patient if she has one or more of these codes: Delivery Diagnoses: ICD-10: Z37x (includes Z37.0 through Z37.9), O75.82, O80, O82 or Delivery DRGs: ICD-10: 765, 766, 767, 768, 774, 775, 783, 784, 785, 786, 787, 788, 796, 797, 798, 805, 806, 807 or Delivery Procedures: ICD-10: 10D0020-10D0022, 10D0723-0D0728, 10E0X22 Click for ICD 9 codes DO NOT INCLUDE patient if she has one or more of these codes: Diagnoses for Exclusion: ICD-10: O00.x, O01.x, O02.x, O03.x, O04.x, O07.x, O08.x Procedures for Exclusion: ICD-10: Any PR starting with '10A0' (Includes '10A00ZZ', '10A03ZZ', '10A04ZZ', '10A07Z6', '10A07Zw', '10A07ZX', '10A07ZZ', '10A08ZZ')	All patients during their birth admission, excluding ectopics and miscarriages EXCLUSIONS to Birth Admission Codes:	INCLUDE patient if she has one or more of these codes: Delivery Diagnoses: ICD-10: Z37x (includes Z37.0 through Z37.9), O75.82, O80, O82 or Delivery DRGs: ICD-10: 765, 766, 767, 768, 774, 775, 783, 784, 785, 786, 787, 788, 796, 797, 798, 805, 806, 807 or Delivery Procedures: ICD-10: 10D0020-10D0022, 10D0723-0D0728, 10E0X22 DO NOT INCLUDE patient if she has one or more of these codes: Diagnoses for Exclusion: ICD-10: O00.x, O01.x, O02.x, O03.x, O04.x, O07.x, O08.x Procedures for Exclusion: ICD-10: Any PR starting with '10A0' (Includes '10A00ZZ', '10A03ZZ', '10A04ZZ', '10A07Z6', '10A07Zw', '10A07ZX', '10A07ZZ', '10A08ZZ')		All patients during their birth admission, excluding ectopics and miscarriages EXCLUSIONS to Birth Admission Codes:	INCLUDE patient if she has one or more of these codes: Delivery Diagnoses: ICD-10: Z37x (includes Z37.0 through Z37.9), O75.82, O80, O82 or Delivery DRGs: ICD-10: 765, 766, 767, 768, 774, 775, 783, 784, 785, 786, 787, 788, 796, 797, 798, 805, 806, 807 or Delivery Procedures: ICD-10: 10D0020-10D0022, 10D0723-0D0728, 10E0X22 DO NOT INCLUDE patient if she has one or more of these codes: Diagnoses for Exclusion: ICD-10: O00.x, O01.x, O02.x, O03.x, O04.x, O07.x, O08.x Procedures for Exclusion: ICD-10: Any PR starting with '10A0' (Includes '10A00ZZ', '10A03ZZ', '10A04ZZ', '10A07Z6', '10A07Zw', '10A07ZX', '10A07ZZ', '10A08ZZ')	
		Among the denominator, patients with one or more of the following diagnosis codes: ICD-10: O11.1, O11.2, O11.3, O11.4, O11.5, O11.9, O14.10, O14.12, O14.13, O14.14, O14.15, O14.20, O14.22, O14.23, O14.24, O14.25, O15.00, O15.02, O15.03, O15.1, O15.2, O15.9 • Severe Preeclampsia • Eclampsia • Preeclampsia superimposed on pre-existing hypertension		Among the denominator, patients with any SMM code Diagnosis codes: ICD-10: I21.xx, I22.x, I71.xx, I79.0, N17.x, O90.4, J80, J95.1, J95.2, J95.3, J95.82x, J96.0x, J96.2x, R09.2, O88.1x, I46.x, I49.0x, D65, D68.8, D68.9, O72.3, O15.x, I97.12x, I97.13x, I97.710, I97.711, I60.xx, I61.xx, I62.xx, I63.xx, I65.xx, I66.xx, I67.xx, I68.xx, O22.51, O22.52, O22.53, I97.81x, I97.82x, O87.3, J81.0, I50.1, I50.20, I50.21, I50.23, I50.30, I50.31, I50.33, I50.40, I50.41, I50.43, I50.9, O74.0, O74.1, O74.2, O74.3, O89.0x, O89.1, O89.2, O85, O86.04, T80.21A, T81.4XXA, T81.44xx, R65.20, A40.x, A41.x, A32.7, O75.1, R57.x, R65.21, T78.2XXA, T88.2XXA, T88.6XXA, T81.10XA, T81.11XA, T81.19XA, D57.0x, D57.21x, D57.41x, D57.81x, I26.x, O88.0x, O88.2x, O88.3x, O88.8x, or Procedure Codes: ICD-10: 5A2204Z, 5A12012, 30230H0, 30230K0, 30230L0, 30230M0, 30230N0, 30230P0, 30230R0, 30230T0, 30230H1, 30230K1, 30230L1, 30230M1, 30230N1, 30230P1, 30230R1, 30230T1, 30233H0, 30233K0, 30233L0, 30233M0, 30233N0, 30233P0, 30233R0, 30233T0, 30233H1, 30233K1, 30233L1, 30233M1, 30233N1, 30233P1, 30233R1, 30233T1, 30240H0, 30240K0, 30240L0, 30240M0, 30240N0, 30240P0, 30240R0, 30240T0, 30240H1, 30240K1, 30240L1, 30240M1, 30240N1, 30240P1, 30240R1, 30240T1, 30243H0, 30243K0, 30243L0, 30243M0, 30243N0, 30243P0, 30243R0, 30243T0, 30243H1, 30243K1, 30243L1, 30243M1, 30243N1, 30243P1, 30243R1, 30243T1, OUT90ZZ, OUT94ZZ, OUT97ZZ, OUT98ZZ, OUT9FZZ, OUT9OZL, OB11024, OB110F4, OB11324, OB113F4, OB11424, OB114F4, 5A1935Z, 5A1945Z, 5A1955Z -For hospitals that capture transfusions with CPT codes: 36430			Among the denominator, patients with any non-transfusion SMM code Diagnosis codes: ICD-10: I21.xx, I22.x, I71.xx, I79.0, N17.x, O90.4, J80, J95.1, J95.2, J95.3, I49.0x, D65, D68.8, D68.9, O72.3, O15.x, I97.12x, I97.13x, I97.710, I97.711, I60.xx, I68.xx, O22.51, O22.52, O22.53, I97.81x, I97.82x, O87.3, J81.0, I50.33, I50.40, I50.41, I50.43, I50.9, O74.0, O74.1, O74.2, O74.3, O89.0, T81.4XXA, T81.44xx, R65.20, A40.x, A41.x, A32.7, O75.1, R57.x, R65.21, T81.11XA, T81.19XA, D57.0x, D57.21x, D57.41x, D57.81x, I26.x, O88.0x, or Procedure Codes: ICD-10: 5A2204Z, 5A12012, OUT90ZZ, OUT94ZZ, OUT97ZZ, OUT98ZZ, OUT9FZZ, OUT9OZL, OB11024, OB114F4, 5A1935Z, 5A1945Z, 5A1955Z	
			*SMM Outcome Measures 02-05 to be calculated by Race/Ethnicity as well: Hispanic/Latino NH AI/AN NH Asian NH Black/African American NH White Other Unknown NH-Non-Hispanic					

Step 3: Collect Baseline Measures

Excel Data Entry Tools

ALPQC Maternal Hypertension Initiative BASELINE Outcome Measures Form			
Instructions: Use this document to help collect baseline outcome data for the Maternal HTN initiative. Ask your IT department to generate a report for the measures below. See "HTN Outcome Measures Codes" and "Baseline Data Collection Instructions" on our website under the "Data Resources" menu: https://www.alpqc.org/initiatives/htn/			
Time period: Quarterly (note the last quarter only goes to February 2021) January – March 2020 April – June 2020 July – September 2020 October – December 2020 January – February 2021			
If unable to report baseline data for all four SMM Outcome Measures, the <u>priority measures</u> are: • O3. SMM (excluding transfusion codes) • O5. SMM (excluding transfusion codes) among Preeclampsia Cases Note: If for ex. a patient identifies as Hispanic and Black, enter them in the portal as Hispanic. Denominator will change with each racial/ethnic group.			
Hover over cells below to see exact wording of measures by racial/ethnic group. * Denotes required field			
O2. Severe Maternal Morbidity (SMM)		O3. SMM (excluding transfusion codes)	
Denominator: Total number of patients during their birth admission, <i>excluding ectopics and miscarriages</i>	Numerator: Among the denominator (left), number of patients with any SMM code	Denominator: Total number of patients during their birth admission, <i>excluding ectopics and miscarriages</i>	Numerator: Among the denominator (left), number of patients with any SMM code
*All patients		*All patients	
*Hispanic/Latino		*Hispanic/Latino	
NH American Indian/Alaska Native		NH American Indian/Alaska Native	
NH Asian		NH Asian	
*NH Black/African American		*NH Black/African American	
*NH White		*NH White	
Other race/ethnicity		Other race/ethnicity	
Unknown race/ethnicity		Unknown race/ethnicity	

ALPQC Maternal Hypertension Initiative BASELINE Process Measure Form			
Instructions: Use this document internally to help you track chart reviews of patients with persistent (twice within 15 minutes) severe hypertension*.		*Persistent severe hypertension defined as ≥ 160 systolic or ≥ 110 diastolic twice within 15 minutes antepartum or postpartum, excluding: readings during pushing; >20 min after epidural, or in the presence of another known etiology for elevated BP (e.g. sickle cell pain crisis, chemotherapy, etc.). Severe values do not need to be consecutive.	
Aim to complete for all patients with persistent severe hypertension.** If unable to complete for all cases in a month and you choose to do a sample, it is critical that you pull patient charts randomly to avoid selection bias. If doing a sample: Use a random calculator like https://www.random.org/ Small facilities (<200 births/yr): 5 charts/ month Large facilities (>200 births/yr): 10 charts/month		**Patients can be identified by: 1) using ICD-9/10 codes (Measure #O1: deliveries each month with code for severe preeclampsia, eclampsia, preeclampsia superimposed on pre-existing hypertension), 2) using an L&D logbook, 3) building onto EHRs triggers and ability to query for severe range BPs 4) searching pharmacy logs for antihypertensive medications (note: while pharmacy logs are good for approximating a value, you may miss instances of severe range BP if these were not used). Use of at least 2 methods recommended.	
Hover over cells below to see exact wording of numerator/denominator by racial/ethnic group. * Denotes required field.			
P1. Time to Treatment – Baseline Data			
Denominator: Number of patients with persistent severe hypertension	Totals: 0	Numerator: Time to treatment: Within 60 min	Totals: 0
*All patients	0	All patients	0
*Hispanic/Latino	0	Hispanic/Latino	0
NH American Indian/Alaska Native	0	NH American Indian/Alaska Native	0
NH Asian	0	NH Asian	0
*NH Black/African American	0	NH Black/African American	0
*NH White	0	NH White	0
Other race/ethnicity	0	Other race/ethnicity	0
Unknown race/ethnicity	0	Unknown race/ethnicity	0
Patient Chart # (assign a number to help track data collection - no PI)	Patient Race/Ethnicity: (Please Select Below)	Patient meets requirements for persistent severe hypertension? (Select Below)	Time to treatment with antihypertensive medication (Select Below)

Step 4: Enter Data Into Data Portal

Data Portal Overview

Project: Maternal Hypertension Project

Select a topic:

BASELINE Data

- + Enter baseline outcome data
- + Select measurement period for baseline process data
- + Enter baseline process data

INITIATIVE Data

- + Step 1 – Enter monthly outcome data
- + Step 2 – Select measurement period for monthly process data
- + Step 3 – Enter monthly process data >
- + Step 4 – Take brief monthly self-assessment
- + Quarterly Process Data
- + Structural Measures – Once per initiative

 Create Reports

[Back to Project List](#)



Team Talks

Dominique Holder, RN
Clinical Coordinator
Jackson Hospital





Team Talks

Allison Todd, MSN, RN

Manager Quality and Clinical Data

Rhonda Hamm, MSN, RN, RNC-NIC

WIS Quality Manager

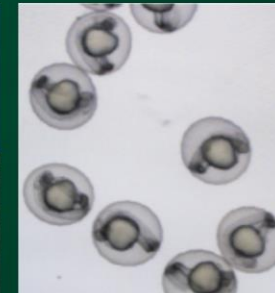
UAB Medicine



ALPQC HTN Data Collection

By Allison Todd

UAB MEDICINE



How do I get a report from IT?

Communication

- Submit a request for data: Monthly list of OB deliveries with coding
- Meeting with IT team:
 - Introduce ALPQC HTN project
 - Quality Initiative: local, state, and national level
 - De-identified aggregate reporting
 - Outcome measures and codes
 - Report testing
 - Production

ALPQC Data Resources

Enter Initiative Data

Key Documents

Data Resources

- [HTN Outcome Measures Codes \(updated 3/23/21\)](#)
- [HTN Outcome Measures Codes: ICD-10 \(4/7/21\)](#)
- [HTN Data Collection Instructions BASELINE \(updated 3/23/21\)](#)
- [HTN Data Collection Form – BASELINE Outcome](#)
- [HTN Data Collection Form – BASELINE Process \(updated 3/3/21\)](#)
- [HTN Data Collection Form – Process Measures \(updated 3/3/21\)](#)
- [HTN Data Measures Form](#)
- [Data Entry How-To | Graph How-To](#)

Codes for ALPQC Maternal Hypertension Initiative Outcome Measures								
For females aged 12-55. No exclusions due to transfer in or out. See other tabs in this worksheet for descriptions of codes.								
Measure #	Measure #01		Measure #02		Measure #03			
Measure Name	Deliveries with Severe Preeclampsia, Eclampsia, Preeclampsia superimposed on pre-existing hypertension		Severe Maternal Morbidity †		Severe Maternal Morbidity (excluding transfusion codes) *		Severe M	
	<div><div>Description</div><div>Codes (Click on cells for ICD-9 codes)</div><div>DELIVERY CODES: All patients during their birth admission, excluding ectopics and miscarriages</div><div>Delivery Discharge: ICD-10: Z37.x (Includer Z37.0 through Z37.9), 075.82, 080, 082 or Delivery DRG: ICD-10: 765, 766, 767, 768, 774, 775, 783, 784, 785, 786, 787, 788, 796, 797, 798, 805, 806, 807 or Delivery Procedure: ICD-10: 10D0020-10D0022, 10D0723-10D0728, 10E0022</div><div>Click for ICD-9 code</div><div>DO NOT INCLUDE patient if she has one or more of these codes: Discharge for Exclusion: ICD-10: 000.x, 001.x, 002.x, 003.x, 004.x, 007.x, 008.x</div><div>Procedure for Exclusion: ICD-10: Any PR starting with "10A0" (Includer "10A002Z", "10A042Z", "10A0726", "10A072W", "10A072Z", "10A072Z", "10A082Z")</div><div>EXCLUSIONS to Birth Admission Codes:</div></div>	<div><div>Description</div><div>Codes (Click on cells for ICD-9 codes)</div><div>INCLUDE patient if she has one or more of these codes: Delivery Discharge: ICD-10: Z37.x (Includer Z37.0 through Z37.9), 075.82, 080, 082 or Delivery DRG: ICD-10: 765, 766, 767, 768, 774, 775, 783, 784, 785, 786, 787, 788, 796, 797, 798, 805, 806, 807 or Delivery Procedure: ICD-10: 10D0020-10D0022, 10D0723-10D0728, 10E0022</div><div>DO NOT INCLUDE patient if she has one or more of these codes: Discharge for Exclusion: ICD-10: 000.x, 001.x, 002.x, 003.x, 004.x, 007.x, 008.x</div><div>Procedure for Exclusion: ICD-10: Any PR starting with "10A0" (Includer "10A002Z", "10A042Z", "10A0726", "10A072W", "10A072Z", "10A072Z", "10A082Z")</div><div>EXCLUSIONS to Birth Admission Codes:</div></div>	<div><div>Description</div><div>Codes (Click on cells for ICD-9 codes)</div><div>INCLUDE patient if she has one or more of these codes: Delivery Discharge: ICD-10: Z37.x (Includer Z37.0 through Z37.9), 075.82, 080, 082 or Delivery DRG: ICD-10: 765, 766, 767, 768, 774, 775, 783, 784, 785, 786, 787, 788, 796, 797, 798, 805, 806, 807 or Delivery Procedure: ICD-10: 10D0020-10D0022, 10D0723-10D0728, 10E0022</div><div>DO NOT INCLUDE patient if she has one or more of these codes: Discharge for Exclusion: ICD-10: 000.x, 001.x, 002.x, 003.x, 004.x, 007.x, 008.x</div><div>Procedure for Exclusion: ICD-10: Any PR starting with "10A0" (Includer "10A002Z", "10A042Z", "10A0726", "10A072W", "10A072Z", "10A072Z", "10A082Z")</div><div>EXCLUSIONS to Birth Admission Codes:</div></div>	<div><div>Description</div><div>Codes (Click on cells for ICD-9 codes)</div><div>Denominator: All patients during their birth admission, excluding ectopics and miscarriages, with one or more of the following discharge codes: •Severe Preeclampsia •Eclampsia •Preeclampsia superimposed on pre-existing hypertension</div><div>Delivery Discharge: ICD-10: Z37.x (Includer Z37.0 through Z37.9), 075.82, 080, 082 or Delivery DRG: ICD-10: 765, 766, 767, 768 or Delivery Procedure: ICD-10: 10D0020-10D0022</div><div>DO NOT INCLUDE patient if she has one or more of these codes: Discharge for Exclusion: ICD-10: 011.1, 011.2, 011.3, 015.02, 015.03, 015.1, 015.2</div><div>DO NOT INCLUDE patient if she has one or more of these codes: Discharge for Exclusion: ICD-10: 000.x, 001.x, 002.x, 003.x, 004.x, 007.x, 008.x</div><div>Procedure for Exclusion: ICD-10: Any PR starting with "10A0" (Includer "10A002Z", "10A042Z", "10A0726", "10A072W", "10A072Z", "10A072Z", "10A082Z")</div><div>EXCLUSIONS to Birth Admission Codes:</div></div>				
	<div>Among the denominator, patients with one or more of the following diagnosis codes: •Severe Preeclampsia •Eclampsia •Preeclampsia superimposed on pre-existing hypertension</div> <div>Diagnosis codes: ICD-10: 011.1, 011.2, 011.3, 011.4, 011.5, 011.8, 014.10, 014.12, 014.13, 014.14, 014.15, 014.20, 014.22, 014.23, 014.24, 014.25, 015.00, 015.02, 015.03, 015.1, 015.2, 015.3</div>	<div>Among the denominator, patients with any SMM code</div> <div>Diagnosis codes: ICD-10: I21.xx, I22.xx, I71.xx, I73.0, I71.x, Q90.4, J80, J95.1, J95.2, J95.3, J95.82.x, J96.0.x, J96.2.x, R09.2, O88.1.x, I46.x, I49.0.x, D65, D68.8, D68.9, O72.3, O15.x, I97.12.x, I97.13.x, I97.10, I97.11, I60.xx, I61.xx, I62.xx, I63.xx, I65.xx, I66.xx, I67.xx, I68.xx, Q22.51, Q22.52, Q22.53, I97.81.x, I97.82.x, O87.3, J81.0, I50.1, I50.20, I50.21, I50.23, I50.30, I50.31, I50.33, I50.40, I50.41, I50.43, I50.9, O74.0, O74.1, O74.2, O74.3, O89.0.x, O89.1, O89.2, O85, O86.04, T80.211A, T81.4XXA, T81.44.xx, R65.20, A40.x, A41.x, A32.7, O75.1, R57.x, R65.21, T78.2XXA, T88.2XXA, T88.6XXA, T81.10XA, T81.11XA, T81.19XA, D57.0.x, D57.21.x, D57.41.x, D57.81.x, I26.x, O88.0.x, O88.2.x, O88.3.x, O88.8.x, or Procedure Codes: ICD-10: 5A2204Z, 5A12012, 30230H0, 30230K0, 30230L0, 30230M0, 30230N0, 30230P0, 30230R0, 30230T0, 30230H1, 30230K1, 30230L1, 30230M1, 30230N1, 30230P1, 30230R1, 30230T1, 30233H0, 30233K0, 30233L0, 30233M0, 30233N0, 30233P0, 30233R0, 30233T0, 30233H1, 30233K1, 30233L1, 30233M1, 30233N1, 30233P1, 30233R1, 30233T1, 30240H0, 30240K0, 30240L0, 30240M0, 30240N0, 30240P0, 30240R0, 30240T0, 30240H1, 30240K1, 30240L1, 30240M1, 30240N1, 30240P1, 30240R1, 30240T1, 30243H0, 30243K0, 30243L0, 30243M0, 30243N0, 30243P0, 30243R0, 30243T0, 30243H1, 30243K1, 30243L1, 30243M1, 30243N1, 30243P1, 30243R1, 30243T1, 0UT302Z, 0UT342Z, 0UT9T2Z, 0UT982Z, 0UT9F2Z, 0UT90ZL, 0B11024, 0B110F4, 0B11324, 0B113F4, 0B11424, 0B114F4, 5A19352, 5A19452, 5A19552 -For hospitals that capture transfusions with CPT codes: 36430</div>	<div>Among the denominator, patients with any code: transfusion SMM code</div> <div>Diagnosis codes: ICD-10: I21.xx, I22.x, I71.xx, I73.0, I71.x, Q90.4, J80, J95.1, J95.2, J95.3, J95.82.x, J96.0.x, J96.2.x, R09.2, O88.1.x, I46.x, I49.0.x, D65, D68.8, D68.9, O72.3, O15.x, I97.12.x, I97.13.x, I97.10, I97.11, I60.xx, I61.xx, I62.xx, I63.xx, I65.xx, I66.xx, I67.xx, I68.xx, Q22.51, Q22.52, Q22.53, I97.81.x, I97.82.x, O87.3, J81.0, I50.1, I50.20, I50.21, I50.23, I50.30, I50.31, I50.33, I50.40, I50.41, I50.43, I50.9, O74.0, O74.1, O74.2, O74.3, O89.0.x, O89.1, O89.2, O85, O86.04, T80.211A, T81.4XXA, T81.44.xx, R65.20, A40.x, A41.x, A32.7, O75.1, R57.x, R65.21, T78.2XXA, T88.2XXA, T88.6XXA, T81.10XA, T81.11XA, T81.19XA, D57.0.x, D57.21.x, D57.41.x, D57.81.x, I26.x, O88.0.x, O88.2.x, O88.3.x, O88.8.x, or Procedure Codes: ICD-10: 5A2204Z, 5A12012, 0UT902Z, 0UT342Z, 0UT9T2Z, 0UT982Z, 0UT9F2Z, 0UT90ZL, 0B11024, 0B110F4, 0B11324, 0B113F4, 0B11424, 0B114F4, 5A19352, 5A19452, 5A19552</div>	<div>Numerator: Among the denominator, patients with any SMM code</div> <div>Diagnosis codes: ICD-10: I21.xx, I22.x, I71.43.0.x, D65, D68.8, D68.9, I67.xx, I68.xx, Q22.51, I50.40, I50.41, I50.43, I50.9, T81.44.xx, R65.20, A40. T81.19XA, D57.0.x, D57.21.x, D57.41.x, D57.81.x, I26.x, O88.0.x, O88.2.x, O88.3.x, O88.8.x, or Procedure Codes: ICD-10: 5A2204Z, 5A12012, 0UT902Z, 0UT342Z, 0UT9T2Z, 0UT982Z, 0UT9F2Z, 0UT90ZL, 0B11024, 0B110F4, 0B11324, 0B113F4, 0B11424, 0B114F4, 5A19352, 5A19452, 5A19552 -For hospitals that cap</div>				
			*SMM Outcome Measures 02-05 to be calculated by Race/Ethnicity as well:					
			Hispanic/Latino NH Asian NH Black/African American NH White Other Unknown NH=Non-Hispanic AI/AN= American Indian/Alaska Native					

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N16 806

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
	MOTHER_NAME	MOTHER_MRN	ADMIT_DATE	DISCHARGE_DATE	DATE_OF_DELIVERY	RACE	HAIR	BABY	MOTHER_ADMIT_SOURCE	INCLUDE_DIAGS	EXCLUDE	INCLUDE_PROCS	EXCLUDE_PROCS	INCLUDE_DRGS	NUMERATOR_DIAGS	NUMERATOR_PROCS	PREECLAMPSIA_DIAGS	HEMORRHAGE_DIAGS	HEMORRHAGE_PROCS	READ_PATTYPE	REASON_FOR_VISIT_TXT	READM_ADMIT_DATE	READM_DISCHARGE_DATE	READM_PRI
1	MOTHER_NAME	MOTHER_MRN	ADMIT_DATE	DISCHARGE_DATE	DATE_OF_DELIVERY	RACE	HAIR	BABY	MOTHER_ADMIT_SOURCE	INCLUDE_DIAGS	EXCLUDE	INCLUDE_PROCS	EXCLUDE_PROCS	INCLUDE_DRGS	NUMERATOR_DIAGS	NUMERATOR_PROCS	PREECLAMPSIA_DIAGS	HEMORRHAGE_DIAGS	HEMORRHAGE_PROCS	READ_PATTYPE	REASON_FOR_VISIT_TXT	READM_ADMIT_DATE	READM_DISCHARGE_DATE	READM_PRI
2	ANTHONY, SOPHIA	0000100000	3/1/2021	3/2/2021	3/1/2021	White	26	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
3	BURKHARD, JAMES	0000100001	3/1/2021	3/3/2021	3/1/2021	White	34	Baby A	Nan Healthcare Facility	237.1		10D0021		003										
4	CHINE, SUMNER	0000100002	3/1/2021	3/4/2021	3/1/2021	White	34	Baby A	Nan Healthcare Facility	237.0		10D0021		003										
5	ESPER, ADRIANA	0000100003	3/2/2021	3/3/2021	3/2/2021	Black or Af	23	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
6	LOW, DOROTHY	0000100004	3/1/2021	3/3/2021	3/1/2021	Black or Af	24	Baby A	Nan Healthcare Facility	237.0		10E0022		006			072.1			Inpatient	POST PARTUM LEFT SIDE PAIN	3/15/2021	3/19/2021	
7	QUEVEDO, RACHEL	0000100005	3/1/2021	3/4/2021	3/1/2021	Hisp or Car	27	Baby A	PhysClinic Office	237.0		10D0021		007										
8	THORPE, RHEAL	0000100006	3/2/2021	3/3/2021	3/2/2021	White	21	Baby A	Nan Healthcare Facility	237.0		10E0022		005						Inpatient	POST-PAR B/P EVAL	3/8/2021	3/10/2021	014.15
9	DEBALLOS, FLORES	0000100007	3/1/2021	3/3/2021	3/1/2021	Hisp or Car	21	Baby A	Nan Healthcare Facility	237.0		10D0726		006										
10	THOMAS, GARCIA	0000100008	3/1/2021	3/4/2021	3/2/2021	Black or Af	23	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
11	HILLER, GALEY	0000100009	3/2/2021	3/4/2021	3/2/2021	White	32	Baby A	Nan Healthcare Facility	237.0		10D0021		007										
12	INGRAM, DEBBIE	0000100010	3/1/2021	3/5/2021	3/2/2021	Black or Af	22	Baby A	Nan Healthcare Facility	237.0		10D0021		007										
13	ROBERTSON, ALESS	0000100011	3/1/2021	3/4/2021	3/2/2021	White	25	Baby A	PhysClinic Office	237.0		10E0022		006			011.4							
14	LOVE, ANDREA	0000100012	3/2/2021	3/4/2021	3/2/2021	White	25	Baby A	Nan Healthcare Facility	237.0		10D0021		004										
15	BRACE, BRITANY	0000100013	3/1/2021	3/4/2021	3/2/2021	White	30	Baby A	Nan Healthcare Facility	237.0		10E0022		007										
16	COLMES, CHARNOY	0000100014	3/2/2021	3/4/2021	3/2/2021	Black or Af	29	Baby A	Trans Harp	237.0		10E0022		006										
17	HOLLETTE, DAVID	0000100015	3/2/2021	3/4/2021	3/2/2021	Black or Af	22	Baby A	Nan Healthcare Facility	237.0		10E0022		007										
18	KIRKLAND, TARENA	0000100016	3/2/2021	3/4/2021	3/2/2021	Black or Af	39	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
19	GREENHAM, KENTRE	0000100017	3/1/2021	3/7/2021	3/2/2021	Black or Af	34	Baby A	PhysClinic Office	237.0		10D0020		006										
20	LACEY, HALEY	0000100018	3/1/2021	3/4/2021	3/2/2021	White	31	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
21	STONE, TIEHUA	0000100019	3/1/2021	3/7/2021	3/2/2021	Black or Af	27	Baby A	Nan Healthcare Facility	237.0		10D0021		003										
22	DAVIS, ELYONAT	0000100020	3/2/2021	3/3/2021	3/2/2021	Black or Af	25	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
23	LACEY, JAMIE	0000100021	3/2/2021	3/5/2021	3/2/2021	Black or Af	32	Baby A	PhysClinic Office	237.0		10E0022		006										
24	PASCUAL, RAMON	0000100022	3/2/2021	3/5/2021	3/2/2021	Hisp or Car	23	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
25	WRIGHT, JACQUELYN	0000100023	3/3/2021	3/4/2021	3/2/2021	Black or Af	22	Baby A	Nan Healthcare Facility	15 wk GA	003.9													
26	UNDERWOOD, LATON	0000100024	3/3/2021	3/4/2021	3/2/2021	Black or Af	23	Baby A	Nan Healthcare Facility	237.0		10D0021		007										
27	APICELLA, ELIZABETH	0000100025	3/4/2021	3/7/2021	3/2/2021	White	35	Baby A	Nan Healthcare Facility	237.0		10D0021		006										
28	WELLEY, KRISTALL	0000100026	3/3/2021	3/4/2021	3/2/2021	White	32	Baby A	Nan Healthcare Facility	237.0		10E0022		007										
29	WILSON, VICTORIAN	0000100027	3/2/2021	3/8/2021	3/2/2021	White	27	Baby A	PhysClinic Office	237.0		10D0724		006										
30	MOORE, BETHANY	0000100028	3/2/2021	3/3/2021	3/2/2021	White	27	Baby A	Nan Healthcare Facility	237.0		10E0022		007										
31	TRUSS, WHITES	0000100029	3/1/2021	3/5/2021	3/2/2021	White	21	Baby A	Trans Harp	237.2		10E0022		006										
32	WILBERT, MARISMA	0000100030	3/3/2021	3/5/2021	3/2/2021	Black or Af	22	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
33	PANGLOSS, MARLENE	0000100031	3/3/2021	3/4/2021	3/2/2021	White	20	Baby A	PhysClinic Office	237.0		10E0022		006										
34	COTRILL, THELMA	0000100032	3/3/2021	3/4/2021	3/2/2021	Hisp or Car	21	Baby A	Trans Harp	237.0		10E0022		006										
35	BRICE, KATHLEEN	0000100033	3/3/2021	3/7/2021	3/4/2021	White	34	Baby A	PhysClinic Office	237.0		10D0021		007										
36	EVANS, SHARNTAN	0000100034	3/3/2021	3/7/2021	3/4/2021	Black or Af	32	Baby A	Nan Healthcare Facility	237.0		10D0021		004										
37	LEHUS, PORTILLO	0000100035	3/3/2021	3/4/2021	3/4/2021	Hisp or Car	22	Baby A	PhysClinic Office	237.0		10E0022		005										
38	BONNER, YANISMA	0000100036	3/4/2021	3/7/2021	3/4/2021	Black or Af	42	Baby A	Nan Healthcare Facility	237.0		10D0020		004						Inpatient	POSTPARTUM BP EVAL	3/13/2021	3/16/2021	011.5
39	MIDDLETON, JAMIE	0000100037	3/2/2021	3/8/2021	3/4/2021	White	31	Baby A	Nan Healthcare Facility	237.0		10D0021		007										
40	GARCIA-HOLINA, LO	0000100038	3/4/2021	3/4/2021	3/4/2021	Hisp or Car	21	Baby A	Nan Healthcare Facility	237.0		10E0022		006										
41	BELL, JAMIE	0000100039	3/4/2021	3/8/2021	3/4/2021	Black or Af	18	Baby A	Nan Healthcare Facility	237.0		10D0021		007										
42	GRANT, DIANE	0000100040	3/3/2021	3/4/2021	3/4/2021	Black or Af	21	Baby A	PhysClinic Office	237.0		10D0021		007										
43	BANKS, JAMIE	0000100041	3/4/2021	3/4/2021	3/4/2021	Black or Af	33	Baby A	PhysClinic Office	237.0		10E0022		007										
44	SANCHEZ, SANCHEZ	0000100042	3/3/2021	3/4/2021	3/4/2021	Hisp or Car	20	Baby A	Nan Healthcare Facility	237.1		10E0022		007										
45	PRASATH, SHITA	0000100043	3/3/2021	3/7/2021	3/4/2021	Asian	28	Baby A	Nan Healthcare Facility	237.0		10E0022		007										
46	PHILLIPS, NARIAN	0000100044	3/2/2021	3/4/2021	3/4/2021	Black or Af	24	Baby A	Trans Harp	237.0		10D0021		006			150.20, J96.01, N17.9, O190.4							
47	JONES, TERRYAN	0000100045	3/4/2021	3/8/2021	3/5/2021	Black or Af	22	Baby A	PhysClinic Office	237.0		10D0021		007										
48	HARRIS, TERRICK	0000100046	3/4/2021	3/7/2021	3/5/2021	Black or Af	25	Baby A	PhysClinic Office	237.0		10E0022		007										
49	PHILIP, KELISA	0000100047	3/2/2021	3/8/2021	3/5/2021	Black or Af	22	Baby A	PhysClinic Office	237.0		10D0021		008										
50	LITTLE, KATHA	0000100048	3/4/2021	3/7/2021	3/5/2021	White	25	Baby A	PhysClinic Office	237.0		10E0022		006						Inpatient	POST PARTUM WOUND CHECK PUI	3/9/2021	3/15/2021	
51	BLANDIN, ALICIA	0000100049	3/5/2021	3/7/2021	3/5/2021	White	31	Baby A	Nan Healthcare Facility	237.0		10D0021		007										
52	MOORE, CHESTER	00001000500																						

March 2021

Excel Headers

MOTHER_NAME	INCLUDE_DRGS
MOTHER_MRN	NUMERATOR_DIAGS
ADMIT_DATE	NUMERATOR_PROCS
DISCHARGE_DATE	PREECLAMPSIA_DIAGS
DATE_OF_DELIVERY	HEMMORHAGE_DIAGS
RACE	HEMMORHAGE_PROCS
M Age	READ_PATTYPE
BABY	REASON_FOR_VISIT_TXT
MOTHER_ADMIT_SOURCE	READM_ADMIT_DATE
INCLUDE_DIAGS	READM_DISCHARGE_DATE
EXCLUDE_DIAGS	READM_PRE_ECLAMPSIA_DIAG
INCLUDE_PROCS	
EXCLUDE_PROCS	

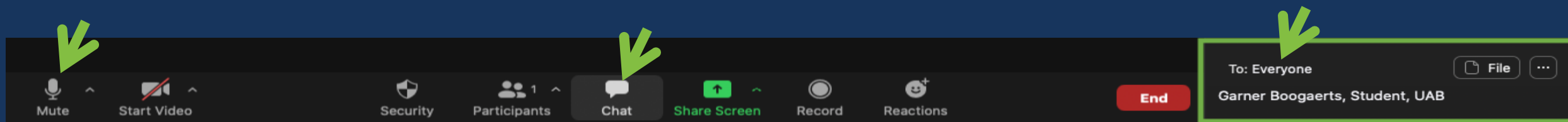
Of Note

Communication is the key with IT

- Introduce project
- Be available for questions
- Test report
- Be aware it is never 100%

Q&A

- Please feel free to **unmute** and ask questions
- You may also enter comments or questions in the "chat" box





Next Steps

- ✓ Monthly data due April 30
 - Please submit *baseline* data if have not done so already
- ✓ March of Dimes Breaking Through Bias 1-hr online training
 - Please complete training before next Friday, April 30
- ✓ Submit data use agreement
- ✓ Continue running PDSAs!
 - Samples and template on our website under “Key Documents”



Monthly Data Reporting



Measure Type	Measure	Reporting Frequency
Outcome	01. Number of patients with persistent severe HTN	Monthly
Outcome	02. Severe Maternal Morbidity (SMM)	
Outcome	03. SMM (excluding transfusion codes)	
Outcome	04. SMM among Preeclampsia Cases	
Outcome	05. SMM among Preeclampsia Cases (excluding transfusion codes)	
Process	P1. Time to treatment of persistent severe HTN – <i>within 60 min / 60-120 min / >120 min / no meds given</i>	
Process	P2. Follow-up appointment scheduled within 7-14 days – <i>yes / no / unknown</i>	
Process	P3. Patient education – <i>yes / no / unknown</i>	

Due on the last day
of the following
month

March 1-31 data
due April 30, 2021





Thank You

Next Call: Friday, May 28 at 12:00 PM