

Maternal Hypertension Initiative

April Action Period Call April 23, 2021



Welcome!



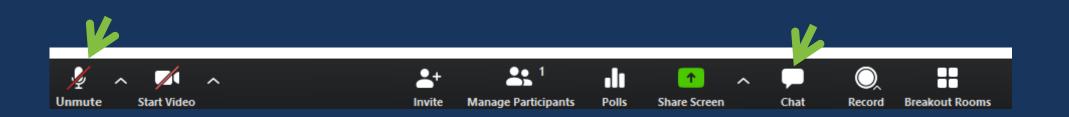
- Please type your name and institution you represent in the chat box and send to "Everyone".
- Please also do for all those in the room with you viewing the webinar.
- Thank You



Welcome!



- Attendees are <u>automatically</u> 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 <u>www.alpqc.org</u>
- We are now recording







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



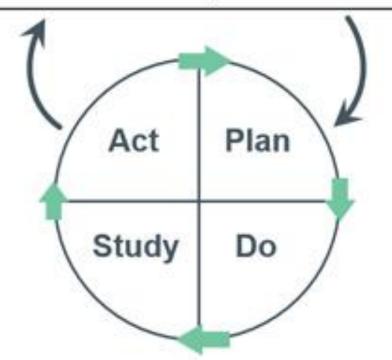
Why This Matters

Model for Improvement

What are we trying to accomplish?

How will we know that a change is an improvement?

What change can we make that will result in improvement?



Setting your SMART aim

Measurement Strategy

Key Driver Diagram





Outcome	Primary Drivers	Secondary Drivers	Change Ideas				
to by 10%	Readiness <u>Develop & implement</u> standard processes for optimal care	Develop standards for maternal early warning signs, monitoring, treatment Develop and implement protocols for timely triage, evaluation, management, escalation and transport Rapid access to medications	 Develop standard order sets, protocols, checklists, algorithms for early warning signs, diagnostic criteria, timely triage, monitoring and treatment of severe HTN. Integrate into EHR Identify champions for timely triage in OB, ED and outpatient areas. Develop and pilot process for timely triage Ensure rapid access to IV and PO anti-hypertensive medications with guide for administration and dosage (e.g. standing orders, medication kit, rapid response team). Simulate medication procurement, with pharmacy representative Develop and implement system plan for escalation and transport with appropriate consultation. Pilot process 				
nant and rtum patients with ampsia/ eclampsia i 2022 ils: ease timely	Recognition & Prevention Educate, identify,	Educate staff on best practices and unit protocols Conduct drills of protocols	 Educate OB, ED, and anesthesiology providers and nurse on recognition and diagnosis of severe HTN Perform regular simulation drills of protocols with debriefs Implement system to identify pregnant/postpartum patients in all hospital departments Execute protocol for measurement, assessment, and monitoring of BP and urine protein for all patients 				
ment of severe ertension case proportion of ents receiving	assess	Identify and assess for severe HTN	 Develop standards for patient-centered education meeting health literacy, language needs. education tools 				
arge education eeclampsia & w-up	Respand Timely treatment	Treat within 60 minutes every pregnant and postpartum patient with severe hypertension	 Execute protocol for appropriate management in 60 mins Ensure understanding of communication & escalation procedures (e.g. implementing rapid response team) 				
intments ow the Black- e inequity gap in	of severe hypertension	Educate and support patients and staff after severe maternal event	 Provide patient-centered discharge education Implement protocol for patient follow-up in 7-14 days for all severe HTN patients 				
vere maternal prbidity in patients th preeclampsia/			 Establish systems to accurately document patient self-identified race/ethnicity, primary language Provide staff-wide education on implicit bias with focus on timely and impactful clinical response 				
mpsia	Change Systems Foster a <u>culture of</u> safety and	Respectful Care	 Develop process to support partnership and interaction in patient education (i.e. "teach-back" method) 				
	improvement	Huddles, debriefs, multi-disciplinary reviews	 Establish huddles to prepare for high risk patients, regular debriefs after all severe hypertension case Establish process for multidisciplinary systems reviews on all severe maternal hypertension cases admitted to the ICU 				

Maternal Hypertension Driver Diagram





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

Baseline Data

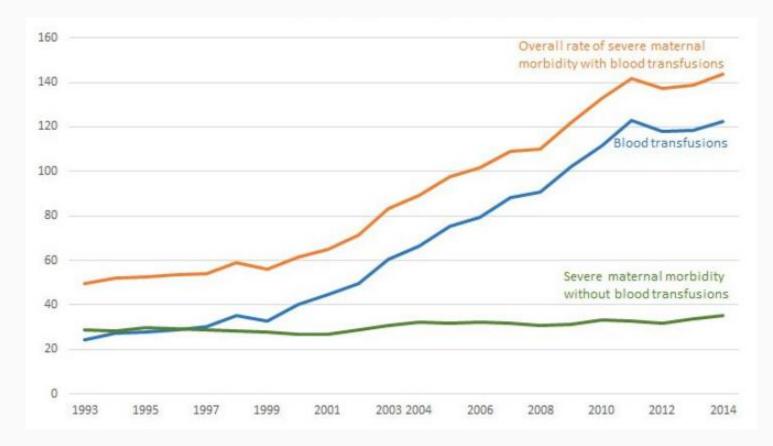


Measure Type	Measure	Source	BASELINE Measurement Period	FRITAN COLLABORN
Process	P1. Timely treatment of Severe Hypertension	IT report, chart review	Monthly basis: • December 2020 • January 2021 • February 2021 <u>Note:</u> • Baseline: in aggregate (numerator/denominator) • Initiative: individual patient level	Measures in bold denote priority
Outcome	02. SMM	IT report		Measures Reported by Race/Ethnicity
Outcome	03. SMM (excluding transfusion codes)	IT report	Quarterly basis: o January-March 2020 o April-June 2020	Baseline data
Outcome	04. SMM among Preeclampsia Cases	IT report	 July-September 2020 October-December 2020 January-February2021 	Due March 31
Outcome	05. SMM among Preeclampsia Cases (excluding transfusion codes)	IT report		





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.

0



	A	В	c	DE	F	сі н			
C	odes for ALPQC M	aternal Hypertension	n Initiative Outcome Measures						
1			ransfer in or out. See other tabs in this worksheet for descriptions of codes.						
3	Measure #		Measure #01		Measure #02		Measure #03		
4	Measure Name		Severe Preeclampsia, Eclampsia, Preeclampsia superimposed on pre-existing hypertension		Severe Maternal Morbidity *		Severe Maternal Morbidity (excluding transfusio		
5		Description	Codes (Click on cells for ICD-9 codes) INCLUDE patient if she has one or more of these codes;	Description	Codes (Click on cells for ICD-9 codes) INCLUDE patient if she has one or more of these codes:	Description	Codes (Click on cells for ICD-3 INCLUDE patient if she has one or more of these codes:		
D)enominator	All patients during their birth admission, excluding ectopics and miscarriages	Delivery Diagnoses: ICD-10: 2374 (includes 237.0 through 237.9), 075.82, 080, 082 or Delivery DRGs: ICD-10: 755, 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, 10E0X2Z Click for ICD 9 codes DO NOT INCLUDE patient if she has one or more of these codes: Diagnoses for Exclusion: ICD-10: 000.x, 013, 002.x, 003.x, 004.x, 007.x, 008.x Procedures for Exclusion: ICD-10: 000.x, 014, 003.x, 004.x, 007.x, 008.x Procedures for Exclusion: ICD-10: Any PR starting with '10A0' (includes '10A0022', '10A0322', '10A0422', '10A0726', '10A0724', '10A072X', '10A0722', '10A0722', '10A0822')	All patients during meir birth admission, excluding ectopics and miscarriages EXCLUSIONS to Birth Admission Codes:	Delivery DRGs: ICD-10: 237# (includes 237.0 through 237.9), 075.82, 080, 082 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, 10E0XZZ DO NOT INCLUDE patient if she has one or more of these codes: Diagnoses for Exclusion: ICD-10: 001x, 002x, 003x, 004x, 007x, 008x Procedures for Exclusion: ICD-10: Any PR starting with '10A0' (Includes '10A0022', '10A0322', '10A0422', '10A0726', '10A0724', '10A072X', '10A0722', '10A0722', '10A0822')	EXCLUSIONS to Birth Admission Codes:	Delivery Dragnoses: ICD-10: 237# (includes 237.0 through 237.9), D75.82, D80, D82 or Delivery DRGs: ICD-10: 756, 766, 767, 768, 774, 775, 783, 784, 786, 787, 788, 796, 797, 798, 80 or Delivery Procedures: ICD-10: 10D0020-10D0022, 10D0723-0D0728, 10E0X2Z DO NOT INCLUDE patient if she has one or more of these codes Diagnoses for Exclusion: ICD-10: 10D0, 001x, D02.x, D03.x, D04.x, D07.x, D08.x Procedures for Exclusion: ICD-10: Any PR starting with '10A0' (Includes '10A002Z', '10A032Z', '10A04ZZ', '10 10A08ZZ')		
6									
7	lumerator		Diagnosis codes: ICD-10: D11.1, O11.2, D11.3, O11.4, O11.5, D11.9, D14.10, D14.12, D14.13, D14.14, D14.15, D14.20, D14.22, D14.23, D14.24, D14.25, D15.00, D15.02, D15.03, D15.1, D15.2, D15.9.	Among the denominator, patients with any SMM code	Diagnosis codes: ICD-10: [21, #*, [22, #, [71, #*, [73, 0, N17, #, [090, 4, J80, J95, 1, J95, 2, J95, 3, J95, 82, #, J96, 0x, J96, 2x, R09, 2, O88, 1x, I46, #, ICD-10: [21, #*, [22, #*, [71, **, [73, 0, N17, #*, [97, 12x, [97, 13x, [97, 710, [97, 711, [60, #*, [61, #*, [62, #*, [63, #*, [65, #*, [65, #*, I67, #*, [68, #*, O22, 51, O22, 52, O22, 53, [97, 81x, [97, 724, 0, O74, 3, O89, 0x, O89, 1, O89, 2, O85, O86, 04, T80, 211, 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, 211A, T81, 4XXA, T81, 44#x, R65, 20, A40, #, A11, #, A32, 7, O75, 1, F57, #, R55, 21, T78, 2XXA, T88, 2XXA, T88, 6XXA, T81, 10XA, T81, 14XA, T81, 19XA, D57, 0x, D57, 21x, D57, 41x, D57, 81x, I26, #, O88, 0x, D88, 2x, D88, 3x, D88, 8x, or Procedure Codes: ICD-10: 5A2204Z, 5A12012, 30230H0, 30230H0, 30230L0, 30230M0, 30230P0, 30230R0, 30230T0, 30230H1, 30230K1, 30230L1, 30230H0, 30230H1, 30230L1, 30233H1, 30233H1, 30233H1, 30233H1, 30233H1, 30233H0, 30233H0, 30233H0, 30233R0, 30233T0, 30233H1, 30233K1, 30233L1, 30233H1, 30233H1, 30233P1, 30233H1, 30233H1, 30240H0, 30240H0, 30240H1, 30240H1, 30244H1, 30244H1, 30244B0, 30244B0, 30244H1, 30244H1, 30244H1, 30244B1, 30244H1, 30240H1, 30240H1, 30244H1, 30244H1, 30244B0, 30244B1, 30243H1, B114F4, 5A1335Z, 5A1945Z, 5A1955Z -For hospitals that capture transfusions with CPT codes: 36430	with any <u>non-</u>	Diagnosis codes: ICD-10: 121.w, 1/2.x, 1/73.0, N17.x, 030.4, J80, J95.1, J95.2, J95.3, I49.0x, D65, D68.8, D68.9, 072.3, 015.x, 197.12x, 197.13x, 197.710, 197.7 I67.w, 168.w, 022.51, 022.52, 022.53, 197.81x, 197.62x, 087.3, J81.0, K I50.33, I50.40, I50.41, I50.43, I50.9, 074.0, 074.1, 074.2, 074.3, 089.0 181.4XXA, 181.44wx, R65.2, 0.440, x, 441x, A32.7, 075.1, R57.x, R65.2 181.1XXA, T81.19XA, D57.0x, D57.21x, D57.41x, D57.61x, I26.x, 088.0x, 1 or Procedure Codes: ICD-10: 5A22042, 5A12012, 0UT302Z, 0UT34ZZ, 0UT37ZZ, 0UT38ZZ, 0UT3FZZ, 0UT30ZL, 0B11024 0B114F4, 5A1335Z, 5A1345Z, 5A1355Z		
				*SMM Outcome Measu	ures 02-05 to be calculated by Race/Ethnicity as well:				
				Hispanic/Latino NH Al/AN NH Asian NH Black/African Amer NH White Other Unknown NH-Non-Hispanic					
4	ALPQC-HTN OutcomeMeasuresCodes ICD 9 #1 ICD 9 #2 ICD 9 #3 ICD 9 #4 ICD 9 #5 AIM_Denominator BirthAdmitCodes AIM_ICD9-10 SN (+) :								

Step 3: Collect Baseline Measures



Excel Data Entry Tools

							PQC Maternal Hype BASELINE Process			
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/htm/ 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: -03. SMM (excluding transfusion codes) -05. SMM (excluding transfusion codes) Note: If or ex. a patient identifies as Hispanic and Black, enter them in the portal as Hispanic.						Instructions: Use this document internally to help you track chart reviews of patients with persistent (twice within 15 minutes) severe hypertension.** 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 critial 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				
Denominator will change with each	r cells below to see exact w	ording of measures by racial/et s required field	hnic group.			Hover over cells below to see exact wording of numerator/denominator by racial/ethnic group. * Denotes required field.				
	O2. Severe Materi	nal Morbidity (SMM)		O3. (P1. Time to	o Treatme	nt – Baseline Data	
*All patients	Denominator: Total number of patients during their birth admission, excluding ectopics and miscarriages	Numerator: Among the denominator (left), number of patients with any SMM code	*All patients				Denominator: Number of patients with persistent severe hypertension *All patients	Totals:	Numerator: Time to treatment: Within 60 min All patients	Totals: 0
"Hispanic/Latino NH American Indian/Alaska Native			Hispanic/Latino NH American Indian/Alaska Native				*Hispanic/Latino		Hispanic/Latino	0
NH Asian			NH Asian				NH American Indian/Alaska Native	0	NH American Indian/Alaska Native	0
"NH Black/African American "NH White		L	"NH Black/African American "NH White				NH Asian	0	NH Asian	0
Other race/ethnicity			Other race/ethnicity				*NH Black/African American	0	NH Black/African American	0
Unknown race/ethnicity			Unknown race/ethnicity				*NH White	0	NH White	0
							Other race/ethnicity Unknown race/ethnicity	0	Other race/ethnicity Unknown race/ethnicity	0
							Unknown race/ethnicity	0	Unknown race/ethnicity	0

Patient Chart #

fassion a number to help track data

collection - no PI)

AL DOC Maternal Hypertension Initiative

Patient meets requirements for

persistent severe

hypertension?

(Select Below)

Patient Race/Ethnicity:

(Please 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



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 I Graph How-To



- A	В	C	DE	F	G H		Ј К	· · · · · · · · · · · · · · · · · · ·
Codes for ALPQC N	laternal Hypertensio	on Initiative Outcome Measures						
2 For females aged 12-	55. No exclusions due	to transfer in or out. See other tabs in this worksheet for descriptions of codes.						
3 Measure #		Measure #01		Measure #O2		Measure #03		
4 Measure Name	Deliveries with Sev	vere Preeclampsia, Eclampsia, Preeclampsia superimposed on pre-existing hypertensio		Severe Maternal Morbidity *		Severe Maternal Morbidity (excluding transfusion codes) *		Severe N
	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)	Description	
		INCLUDE nationt if the has une or more of these codes: Delivery Diagnares:		INCLUDE nations if she has one or more of these cudes; Delivery Diagn ares:	All patients during their birth admission, excluding	INCLUDE patient if the har one or more of these ender:	Denominator: All patient during their birth	r INCLUDE patient if Dolivory Diagnator:
	All patients during their	Donory Granmer: ICD-10: 237x (includer 237.0 through 237.9), 075.82, 080, 082	excluding ectopics and	Dolivery Undenaror: ICD-10:237x (includor 237.0 through 237.9), 075.82, 080, 082		ICD-10: 237x (includer 237.0 through 237.9), 075.82, 080, 082	admizzian, oxcluding	ICD-10: 237x (includer 23
	birth admission,	ar D. K. DDC	miscarriages	ar Dolivory DRGr:		ar Delivery DRGr:	ectopics and miscarriage with one or more of the	or, av Dolivory DRGr:
	excluding ectopics and	Dolloory Druze: ICD-10: 765, 766, 767, 768, 774, 775, 783, 784, 785, 786, 787, 788, 796, 797, 798, 805, 806, 807		Dollwory Druar: ICD-10: 765, 766, 767, 768, 774, 775, 783, 784, 785, 786, 787, 788, 796, 797, 798, 805, 806, 807		ICD-10:765,766,767,768,774,775,783,784,785,786,787,788,796,797,798,805,806,807	fallouing diagnarir code.	
	miscarriages	ur				pr	-Sovere Preeclampria	ar
		Dolivory Procoduror: ICD-10:10D0020-10D0022,10D0723-0D0728,10E0X22		Dolivory Procoduror: ICD-10:10D0020-10D0022, 10D0723-0D0728, 10E0%22		Dolivory Pracoduror: ICD-10: 10D0020-10D0022, 10D0723-0D0728, 10E0XZZ	=Eclampria =Prooclampria	Delivery Procedures: ICD-10: 10D0020-10D0022
							superimpared an pre-	
Denominator		Click for ICD 9 coder		<u>DO MOT INCLUDE patient if she bas une us mure uf these cudes:</u> Disgnares fue Exclusion:	EXCLUSIONS to Birth	<u>DO NOT INCLUDE patient if the bar upe ur mure of these cuder:</u> DisangreforExclusion:	existing hypertension	And should have 1 m existing hypertensi
		DO MOT INCLUDE patient if the har use at more of these ander:		ICD-10: 000.x, 001.x, 002.x, 003.x, 004.x, 007.x, 008.x	Admirsion Codes:	ICD-10: 000.x, 001.x, 002.x, 003.x, 004.x, 007.x, 008.x		ICD-10: 011.1, 011.2, 011.3,
		Diagnarar for Exclusion: ICD-10:000.x, 001.x, 002.x, 003.x, 004.x, 007.x, 008.x	EXCLUSIONS to Birth	Pracoduros far Exclusion:		Procedurer for Exclusion:		015.02, 015.03, 015.1, 015
			Admission Codes:	ICD-10: Any PR_starting uith '10A0' (Includes '10A0022', '10A0322', '10A0422', '10A0726', '10A0728', '10A0728', '10A0722', '10A0822')		ICD-10: Any PRstarting with '10A0' (Includer '10A0022', '10A0322', '10A0422', '10A0726', '10A072W', '10A072X', '10A0722', '10A0822')	EXCLUSIONS to Birth	DO NOT INCLUDE
	EXCLUSIONS to Birth	Procedurer for Exclusion: ICD-10: Any PRstarting uith '10A0' (Includer '10A0022', '10A0322', '10A0422', '10A0726', '10A072W', '10A0728', '10A0722', '10A0822')					Admission Codes:	Diagnator for Exclution: ICD-10: 000.x, 001.x, 002.
	Admission Codes:	ICU-10: Any PRztartiną uch 1040' (Includor 1040022', 1040322', 1040422', 1040726', 1040726', 1040728', 1040722', 1040822')						ICD-10: 000.x, 001.x, 002.
								Procedures for Exclusion:
								ICD-10: Any PRstarting u
6	A	Pit-manifest days	A	Direction data	1 11	Diservices des	Norman 1 1	Discussion
	Among the denominator, patients	Diagnosis codes: ICD-10: 011.1, 011.2, 011.3, 011.4, 011.5, 011.9, 014.10, 014.12, 014.13, 014.14, 014.15, 014.20, 014.22, 014.23, 014.24,	Among the denominator, patients	Diagnosis codes: ICD-10: 121.xx, 122.x, 171.xx, 173.0, N17.x, O30.4, J80, J35.1, J35.2, J35.3, J35.82x, J36.0x, J36.2x, R03.2, O88.1x, I46.x,	Among the denominator, patients	Diagnosis codes: ICD-10: I21.xx, I22.x, I71.xx, I73.0, N17.x, O30.4, J80, J35.1, J35.2, J35.3, J35.82x, J36.0x, J36.2x, R03.2, O88.1x, I46.x,	Numerator: Among th denominator, patients	e Diagnosis codes: ICD-10: I21.xx, I22.x, I7
		014.25, 015.00, 015.02, 015.03, 015.1, 015.2, 015.9.	with any SMM code	149.0x, D65, D68.8, D68.9, O72.3, O15.x, 197.12x, 197.13x, 197.710, 197.711, 160.xx, 161.xx, 162.xx, 163.xx, 165.xx, 166.xx,	with any non-	149.0x, D65, D68.8, D68.9, O72.3, O15.x, 197.12x, 197.13x, 197.710, 197.711, 160.xx, 161.xx, 162.xx, 163.xx, 165.xx, 166.xx,	with any SMM code	149.0x, D65, D68.8, D6
	following diagnosis			167.xx, 168.xx, 022.51, 022.52, 022.53, 197.81x, 197.82x, 087.3, J81.0, I50.1, I50.20, I50.21, I50.23, I50.30, I50.31, I50.33,	transfusion SMM code	167.xx, 168.xx, O22.51, O22.52, O22.53, 197.81x, 197.82x, O87.3, J81.0, I50.1, I50.20, I50.21, I50.23, I50.30, I50.31, I50.33,		167.xx, 168.xx, O22.51, I
	codes: • Severe Preeclampsia			150.40, 150.41, 150.43, 150.9, 074.0, 074.1, 074.2, 074.3, 089.0x, 089.1, 089.2, 085, 086.04, T80.211A, T81.4XXA, T81.44xx, R65.20, A40.x, A41.x, A32.7, 075.1, R57.x, R65.21, T78.2XXA, T88.2XXA, T88.6XXA, T81.10XA, T81.11XA,		150.40, 150.41, 150.43, 150.9, 074.0, 074.1, 074.2, 074.3, 089.0x, 089.1, 089.2, 085, 086.04, T80.211A, T81.4XXA, T81.44xx, R65.20, A40.x, A41.x, A32.7, 075.1, R57.x, R65.21, T78.2XXA, T88.2XXA, T88.6XXA, T81.10XA, T81.11XA,		150.40, 150.41, 150.43, 1 T81.44xx, R65.20, A4(
	 Eclampsia 			T81.19XA, D57.0x, D57.21x, D57.41x, D57.81x, I26.x, 088.0x, 088.2x, 088.3x, 088.8x,		T81.19XA, D57.0x, D57.21x, D57.41x, D57.81x, I26.x, 088.0x, 088.2x, 088.3x, 088.8x,		T81.19XA, D57.0x, D57
	Preeclampsia			or		or		or
	superimposed on pre- existing hypertension			Procedure Codes: ICD-10: 5A22042, 5A12012,		Procedure Codes: ICD-10: 5A22042, 5A12012,		Procedure Codes: ICD-10: 5A2204Z, 5A1
Numerator	sales and address service			30230H0, 30230K0, 30230L0, 30230M0, 30230N0, 30230P0, 30230R0, 30230T0, 30230H1, 30230K1, 30230L1,		0UT90ZZ, 0UT94ZZ, 0UT97ZZ, 0UT98ZZ, 0UT9FZZ, 0UT90ZL, 0B110Z4, 0B110F4, 0B113Z4, 0B113F4, 0B114Z4,		30230H0, 30230K0, 3
				30230M1, 30230N1, 30230P1, 30230P1, 30230T1, 30233H0, 30233K0, 30233L0, 30233M0, 30233N0, 30233P0,		0B114F4, 5A1935Z, 5A1945Z, 5A1955Z		30230M1, 30230N1, 3
				30233R0, 30233T0, 30233H1, 30233K1, 30233L1, 30233M1, 30233N1, 30233P1, 30233R1, 30233T1, 30240H0, 30240K0, 30240L0, 30240M0, 30240N0, 30240P0, 30240R0, 30240T0, 30240H1, 30240K1, 30240L1, 30240M1,				30233R0, 30233T0, 3 30240K0, 30240L0, 3
				30240N1, 30240P1, 30240P1, 30240T1, 30243H0, 30243K0, 30243L0, 30243M0, 30243N0, 30243P0, 3024P0, 302P				30240N1, 30240P1, 31
				30243T0, 30243H1, 30243K1, 30243L1, 30243M1, 30243N1, 30243P1, 30243R1, 30243T1,				30243T0, 30243H1, 3
				OUT3022, OUT3422, OUT3722, OUT3822, OUT3F22, OUT302L, 0B11024, 0B110F4, 0B11324, 0B113F4, 0B11424, 0B114F4, 5A13352, 5A13452, 5A13552				0UT90ZZ, 0UT94ZZ, (0B114F4, 5A1935Z, 5A
				-For hospitals that capture transfusions with CPT codes: 36430				-For hospitals that cap
7								
			"SMM Outcome I	Aeasures O2-O5 to be calculated by Race/Ethnicity as well:				
			Hispanic/Latino					
			NH AI/AN					
			NH Asian NH Black/African Ar	anio an				
			NH White	removani				
			Other					
			Unknown					
			NH=Non-Hispanic					
			Al/AN= American Ind	an/Alaska Native				
9								
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· · · · ·	ALPQC-HTN O	OutcomeMeasuresCodes ICD9#1 ICD 9#2 ICD 9#3 ICD 9#4	ICD 9 #5	AIM_Denominator BirthAdmitCodes 🛛 AIM_ICD9-10 SN 🕂 🗄 🖪				•
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1 MOTHER		B C				MAge BABY	MOTHER_ADMIT_SOURCE	CE INCLUDE_DIAGS											U REASON_FOR_VISIT_TXT		W E READM_DISCHARGE_DATE	
2 RUTLED	DGE, SOPHIAN	01980599 3/1/2021	3/2/2021	3/1/2021	White	26 Baby A	Non Health care Facility	237.0				806 783										
4 THYME,	SUMMER 000	02131691 3/1/2021 03705445 3/1/2021	3/3/2021 3/4/2021		Whita Whita		Non Healthcare Facility Non Healthcare Facility			10D0021 10D0021		788										
5 SAGER	S, ADRIANNA 000	03079759 2/28/2021	3/3/2021		Black or Af		Non Health care Facility			10E0X22		806 768				072.1		Inpatient	POSTPARTUM LEFT SIDE PAIN	3/15/2021	3/19/2021	
7 QUEVER	JOUBATUATU	03738274 3/1/2021 03324075 3/1/2021	3/3/2021 3/4/2021			27 Baby A	Non Healthcare Facility Phys/Clinic Office	237.0		10E0X22 10D0021		787										
8 TIDMOR	RE, RHEALI	03698248 2/28/2021	3/3/2021 3/3/2021	3/1/2021	White	21 Baby A	Non Healthcare Facility	237.0		10E0X22 10D0726		805 806						Inpatient	POST-PAR B/P EVAL	3/8/2021	3/10/2021	014.15
10 THOMA	S, GARRICA 000	03712730 3/1/2021 03401646 3/1/2021	3/4/2021	3/2/2021		23 Baby A	Non Healthcare Facility Non Healthcare Facility	237.0		10E0X22		806										
11 MILLER	CALEYW 000	02227751 3/2/2021	3/4/2021 3/5/2021		White Black or Af		Nan Healthcare Facility Nan Healthcare Facility			10D0021 10D0021		787 787				072.1						
13 ROBER	SON, ALEXIS	03679706 3/1/2021	3/4/2021	3/2/2021	Black or Af White	25 Baby A	Phys/Clinic Office	237.0		10E0X22		806			011.4							
14 LOYD, A		02911538 3/2/2021	3/6/2021		White White	25 Baby A	Non Healthcare Facility	237.0		10D0021 10E0X22		784 807										
16 COLME	S, CHARNOVIA 000	03564886 3/1/2021 103107300 2/26/2021	3/4/2021	3/2/2021	Block or Af	29 Baby A		237.0		10E0X22 10E0X22		806 807	1		014.14							
17 MOLETT	TE, DAJA J	03055280 3/2/2021	3/4/2021 3/6/2021	3/2/2021	Block or Af	22 Baby A	Non Health care Facility			10E0X22 10E0X22	<u> </u>	807 206			014.15							
18 CRENS	HAW, KENITRA 000	01502226 3/2/2021	3/6/2021 3/7/2021		Black or Ar Black or Af	39 BabyA 34 BabyA	Non Healthcare Facility Phys/Clinic Office	237.0 237.0		10E0X22 10D0020		786		30233N1	014.15 011.4		30233N1					
20 LACEY	HALEYD 000	02348257 3/1/2021	3/4/2021	3/2/2021	White	31 Baby A	Non Healthcare Facility	237.0		10E0XZZ		806 788										
21 STORE 22 DAVIS,	TIESHAA 000 ELYCIAT 000	03171672 3/1/2021 03319279 3/2/2021	3/7/2021 3/5/2021				Non Healthcare Facility Non Healthcare Facility			10D0021 10E0X22		806										
23 LACEY	JAMIEL 000	02193499 3/2/2021	3/5/2021	3/3/2021	Block or Af	32 Baby A	Phys/Clinic Office	Z37.0		10E0X22		806										
24 PASCU 25 WRIGHT	AL-RAMON, M000	03299114 3/2/2021	3/5/2021				Non Healthcare Facility Non Healthcare Facility		003,9	10E0XZZ		806										
26 UNDER	WOOD, LATON 000	03035092 3/3/2021	3/6/2021	3/3/2021	Block or Af	32 Baby A	Non Healthcare Facility	237.0		10D00Z1		787										
27 ARICEL 28 KELLEY	LA, ELIZABETI 000	02626042 2/9/2021	3/7/2021 3/4/2021		White White		Non Healthcare Facility Non Healthcare Facility			10D0021 10E0X22		786 807										
29 WILSON	VICTORIAN 000	01913162 2/24/2021	3/8/2021	3/3/2021	White	27 Baby A	Phys/Clinic Office	237.0		10D0724		806		30233K1, 30233N1, 30233R1		072.1	30233K1, 30233N1, 30233R1					
30 MOORE	BETHANY 000	03269269 3/2/2021	3/3/2021 3/5/2021		White White		Nan Healthcare Facility Tranz Harp	Z37.0 Z37.2		10E0X22 10E0X22		807 806										
32 WILBER	T, NAKISHAT 000	03616768 3/3/2021	3/5/2021				Nan Healthcare Facility			10E0X22		806										
33 PANGLI	E, MABLE MAP	03773450 3/3/2021	3/6/2021		White		Phys/Clinic Office	Z37.0 Z37.0		10E0%22 10E0%22		206 205										
34 COTUL 35 GRICE,	L, THELMAG 000 KATIEL 000	03796631 3/3/2021	3/6/2021 3/7/2021		Hirpanic or White	21 BabyA 36 BabyA	Phys/Clinic Office	237.0		10E0X22 10D00Z1		787										
36 EVANS	SHARNITAN 000	02275374 3/4/2021	3/7/2021		Black or Af		Non Health care Facility	237.0		10D0021		784 805										
37 LEMUS 38 BONNEL	-PORTILLO, W 000 R. TANISHA M 000	03708967 3/3/2021	3/6/2021 3/7/2021				Phys/Clinic Office Non Healthcare Facility	Z37.0 Z37.0		10E0X22 10D0020		805 784						Inpatient	POSTPARTUMBPEVAL	3/13/2021	3/16/2021	011.5
39 HUDDL	ESTON, JAMIE	02797269 3/2/2021	3/8/2021	3/4/2021	White	31 Baby A	Non Healthcare Facility	237.0		10D00Z1		787 806										
40 GARCIA 41 BELL.2	A-MOLINA, LO 000 AHRIA 000	03059507 3/4/2021 03753306 3/4/2021	3/6/2021 3/8/2021				Non Healthcare Facility Non Healthcare Facility			10E0X22 10D0021		806 787										
42 GRANT	DIASHE	3/3/2021	3/6/2021	3/4/2021	Black or Af	21 Baby A	Phys/Clinic Office	237.0		10D00Z1		787										
43 BANKS 44 SANCH	JAMEKA 000 EZ-SANCHEZ 000	02610472 3/4/2021	3/6/2021		Black or Af Hire anic or		Phys/Clinic Office Non Healthcare Facility	Z37.0 Z37.1		10E0X22 10E0X22		797 807			011.4							
45 PRABH	AT, SMITA	03714110 3/3/2021	3/7/2021		Arian		Non Healthcare Facility			10E0X22		807										
46 PHILLIP 47 JONES	PS, NARIAHI 000 TE'ERYKAH 000	03452525 3/2/2021	3/9/2021 3/8/2021			24 BabyA 22 BabyA	Tranz Harp Phys/Clinic Office	Z37.0 Z37.0		10D0021 10D0021		786 787	150.20, J96.01, N17.9, O90.4		011.4							
48 HARRIS	S, TERRICA V	03400326 3/4/2021	3/7/2021	3/5/2021	Block or Af	25 Baby A	Phys/Clinic Office	237.0		10E0%22		807										
49 FIELDS	KELSIA 000 KAYLA 000	03507076 2/26/2021	3/8/2021 3/7/2021		Black or Af White		Phys/Clinic Office Phys/Clinic Office	Z37.0 Z37.0		10D0021 10E0X22		788 806			011.4	072.1		Inpatient	POST PARTUM WOUND CHECK PUI	3/9/2021	3/15/2021	
51 GLADDI	EN, ALICIAL 000	02156978 3/5/2021	3/7/2021	3/5/2021	White	31 Baby A	Non Healthcare Facility	237.0	-	10D0021		787										
52 MOORE	CHERISED 000	02426380 3/5/2021 02130748 3/3/2021	3/7/2021			31 BabyA 32 BabyA	Non Health care Facility	Z37.0 Z37.0		10E0X22 10E0X22		206 205						Inpationt	PSYCHOSIS	3/7/2021	3/24/2021	
54 JOHNS	ON, VICTORIA	02749208 3/5/2021	3/8/2021		Black or Af		Phys/Clinic Office	237.0		10D00Z1		787						Inpatient	POSTPARTUM WOUND CHECK	3/18/2021	3/19/2021	014.15
55 INMAN,	CAITLIN MOO	02108558 3/5/2021 02984277 3/5/2021	3/7/2021		Whita Whita		Non Healthcare Facility Non Healthcare Facility	237.0		10E0X22 10E0X22		807 807										
56 STEAD	I, CHELSEAL	02934211 3/5/2021	3/7/2021				Non Healthcare Facility			10E0%22		806				072.1						I
58 PHILLIP	PS, MISTY	08795007 2/27/2021	3/10/2021	3/6/2021	White	30 Baby A	Tranz Horp	237.0		10D00Z0		787 806	N17.9		014.14							
59 BRITTA 60 FATIMA	NUSRAT	03013001 3/4/2021 03655381 3/5/2021	3/8/2021 3/10/2021		White American I		Phys/Clinic Office Non Healthcare Facility	237.0 237.0		10E0X22 10D0021		786	N17.9, 090.4		011.4							
61 DANNE	LLY, CHRISTIN	03011981 3/6/2021	3/9/2021	3/6/2021	White	38 Baby A	Phys/Clinic Office	237.0		10D0021		784				072.1						
62 200	N MMANINA (000	March 2021	3/8/2021	34642021	White	29 Bahy A	Phys/Clinic Office	737.ú	1	10F0%22		76.8			:	072.1	I					
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22 Department, Division, Team, Unit



Of Note

Communication is the key with IT

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







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







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- ✓ 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 <u>website</u> under "Key Documents"

Monthly Data Reporting



Measure Type	Measure	Reporting Frequency
Outcome	01. Number of patients with persistent severe HTN	
Outcome	02. Severe Maternal Morbidity (SMM)	
Outcome	O3. SMM (excluding transfusion codes)	
Outcome	04. SMM among Preeclampsia Cases	
Outcome	05. SMM among Preeclampsia Cases (excluding transfusion codes)	Monthly
Process	P1. Time to treatment of persistent severe HTN – within 60 min/ 60-120 min / >120 min / no meds given	
Process	P2. Follow-up appointment scheduled within 7-14 days – yes / no / unknown	
Process	P3. Patient education – yes / no / unknown	

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