

SEVERE HYPERTENSION DATA FORM - *Sustainability*

Goal: Increase the percentage of pregnant and postpartum patients treated for persistent severe hypertension (SHTN) within 60 minutes of the first SHTN measurement.

Instructions: Document the following information for any persistent SHTN (definition in the back) occurring during pregnancy or up to 6 weeks postpartum, including patients in triage, ED, OBED, antepartum, L&D, and postpartum. OB unit includes OBED, antepartum, L&D and postpartum units.

STUDY ID: _____

Discharge Month ____ Year ____		Sat/Sun/Holiday discharge ☐ Yes ☐ No	Age ____	GA at event ____ wks OR # days PP at event ____		GA at delivery ____ wks ☐ N/A
Ethnicity ☐ Hispanic ☐ Pt. declined to answer ☐ Non-Hispanic ☐ Unknown		1ry Language ☐ English ☐ Spanish ☐ H.Creole ☐ Other _____ ☐ Unknown		Insurance (check all that apply) ☐ Medicaid/Med plans ☐ Private ☐ Self-pay ☐ Other _____ ☐ Unknown		Delivery type: ☐ Vaginal ☐ Scheduled C/S ☐ Emergency C/S ☐ N/A
Race (check all that apply) ☐ Asian ☐ Unknown ☐ Black ☐ Pt. declined to answer ☐ White ☐ Other _____		Dx at Discharge (check all that apply) ☐ Chronic HTN ☐ None ☐ Gestational HTN ☐ Preeclampsia ☐ Superimposed Preeclampsia ☐ Eclampsia ☐ HELLP				

MEDICAL MANAGEMENT – FIRST SHTN EVENT

Measure	Time Hh:mm 24h	Pt. location (mark one) T=Triage AP=antepartum PP=postpartum
BP first reached ≥ 160 or diastolic ≥ 110		EMS ED OBED T AP L&D PP
Confirmatory BP ≥ 160 or diastolic ≥ 110		EMS ED OBED T AP L&D PP
First BP ≥ 160 or diastolic ≥ 110 in <u>OB-unit</u>		OBED T AP L&D PP
First antihypertensive BP med given		EMS ED OBED T AP L&D PP

Reason antihypertensive was not given

- | | |
|---|---|
| ☐ Clinical Judgement
☐ BP not confirmed
☐ BP improved to nonsevere – all subsequent BPs were nonsevere
☐ Immediate delivery planned | ☐ Patient declined
☐ Patient left AMA
☐ Other _____
☐ Not documented/unknown |
|---|---|

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

DISCHARGE MANAGEMENT

	Yes	No
Was patient verbally briefed on their persistent SHTN before discharge?	☐	☐
Was the patient discharged on antihypertensive meds?	☐	☐
If yes → Were these antihypertensive meds provided prior to discharge?	☐	☐
Did the patient have a BP cuff to take home prior to discharge?	☐	☐
How many days after discharge were appointments scheduled? (check all that apply)	☐ BP and symptoms check within 3 days ☐ 4-7 days ☐ 8-14 days ☐ 15-21 days ☐ >21 days ☐ Pt. instructed/not scheduled	

Adverse Maternal Outcome (check all that apply):

- | | |
|---|--|
| ☐ OB hemorrhage with transfusion of ≥ 4 units of blood products | ☐ Placental abruption |
| ☐ Intracranial hemorrhage or ischemic event | ☐ Other _____ |
| ☐ Pulmonary edema | ☐ ICU admission |
| ☐ Oliguria | ☐ DIC |
| ☐ Renal failure | ☐ Liver failure |
| | ☐ Ventilation |
| | ☐ None |

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Inclusion Criteria: Include pregnant (any gestational age) and postpartum (up to 6 weeks) patients with Persistent Severe Hypertension presenting to Triage, ED, OBED, Antepartum, L&D, or Postpartum units, including transfers. Report only the patient's first Persistent Severe Hypertension event to FPQC.

Definitions

Study ID: Continue sequentially from your last patient submitted during the active phase of PROMPT.

N/A: Use for information that does not apply to the patient's case (e.g., mark N/A for neonatal outcome if no delivery occurred during the admission). **Do not use** for missing but relevant documentation.

Severe Hypertension (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 readings documented 15-60 minutes after episode onset (values do not need to be consecutive).
- Cases where BP was not rechecked within 15 minutes of the first severe HTN observation.

Note that these criteria are strictly for case identification, not for BP patient monitoring. For BP patient monitoring refer to appropriate guidelines.

BP Improved to Nonsevere – all subsequent BPs were nonsevere: Check this box only if all subsequent BPs were documented as nonsevere within the next hour. Do not select if there are no BP recordings.

Severe Maternal Morbidity (SMM): Unexpected labor and delivery outcomes with significant health implications. Refer to the list of 21 SMM conditions with ICD-10 codes [here](#).

Patient Brief: a structured conversation where the physician and nurse share with the patient the details of the hypertensive event, including any complications, treatment, and follow-up care. Patients should receive a written summary with the details of the event.

BP Cuff to Take Home: Include any cuffs given to patients, calibrated cuffs brought in by patients, or those set up for remote monitoring.

Abbreviations: GA = gestational age; wks = weeks; 1ry = primary; Dx = diagnosis; C/S = cesarean; Pt. = patient; AMA = against medical advice;