

LABOR AND DELIVERY TRIGGER TABLE

SYN-88390, March 22, 2026

Prepared for counsel. Subject to review and verification by retaining counsel and the retained expert.

SYNTHETIC SAMPLE. The patient, hospital, staff and every record are invented. The criteria are real and are cited with their versions. Every cite below is a live link to a bundled page at the back of this file.

What this does

Each charted set of maternal vital signs is checked against published criteria: the Maternal Early Warning Criteria, the ACOG and AIM severe-hypertension definitions and treatment clocks, and the CMS SEP-1 pregnancy criteria. The table shows which criteria were met and when, and the next documented provider contact. Which criteria applied to this patient, and what they required, is for the expert.

What the chart shows, by the published criteria

1. The first severe-range blood pressure was 164/102 at 14:05 ([MV-4105, p.6](#)). A second severe-range reading came at 14:15, 10 minutes later, which meets AIM's "two measurements within 15 minutes." The first reading 15 minutes or more after the first was 168/112 at 14:22 ([MV-4107, p.6](#)), which meets ACOG's "persistent (15 minutes or more)."

2. The first antihypertensive was labetalol at 15:31 ([MM-501, p.8](#)). That is 86 minutes after the first severe-range reading, the start point of AIM measure SHTN P1 (1 hour), and 69 minutes after ACOG persistence was met, the start point for ACOG's "within 30-60 minutes." The provider was phoned at 14:28 and was at the bedside at 15:20 ([notification log, p.9](#)).

3. The Maternal Early Warning Criteria were first met at 13:30 (DBP>100) and again from 19:30 (HR<50 or >120) ([MV-4112, p.7](#)). The criteria call for "prompt bedside evaluation." The next documented contact after 19:30 was a phone call at 19:40.

4. Two or more SEP-1 pregnancy SIRS criteria were first met at 19:30 ([MV-4112, p.7](#)). No SEP-1 organ-dysfunction criterion appears in the maternal record produced, so SEP-1 severe sepsis is not established on these records.

5. Two other published tools were not applied. The Sepsis in Obstetrics Score and the full Maternal Early Warning Trigger tool could not be checked against their complete published tables, so they are left out rather than approximated.

These are checks against published criteria, with cites. They are not findings that any standard was or was not met.

Every vital-sign set

Time	BP	HR	RR	SpO2	Temp	MEWC criteria met	160/110 range	SEP-1 preg. SIRS	Next contact	Cite
08:00	142/92	88	18	98	36.9	None		0		MV-4101, p.6
10:00	148/96	92	18	98	37.0	None		0		MV-4102, p.6
12:00	152/98	94	18	97	37.1	None		0		MV-4103, p.6
13:30	156/104	96	20	97		DBP>100			14:28 phone	MV-4104, p.6
14:05	164/102	98	20	97		SBP<90 or >160, DBP>100	Yes		14:28 phone	MV-4105, p.6
14:15	162/108	100	20	97		SBP<90 or >160, DBP>100	Yes		14:28 phone	MV-4106, p.6
14:22	168/112	102	22	97	37.2	SBP<90 or >160, DBP>100	Yes	0	14:28 phone	MV-4107, p.6

Time	BP	HR	RR	SpO2	Temp	MEWC criteria met	160/110 range	SEP-1 preg. SIRS	Next contact	Cite
14:40	166/110	104	22	96		SBP<90 or >160, DBP>100	Yes		15:20 at bedside	MV-4108, p.6
15:45	152/100	100	20	97		None				MV-4109, p.7
16:30	148/98	98	20	97	37.4	None		0		MV-4110, p.7
18:00	144/94	104	20	96	37.8	None		0		MV-4111, p.7
19:30	140/90	124	26	95	38.6	HR<50 or >120		3	19:40 phone	MV-4112, p.7
20:15	138/88	128	28	94	38.7	HR<50 or >120, SpO2 RA<95		3	None documented	MV-4113, p.7
21:00	136/86	122	24	95	38.4	HR<50 or >120		3	None documented	MV-4114, p.7
22:00	134/84	118	22	96	38.2	None		3		MV-4115, p.7

SEP-1 pregnancy SIRS is counted only on rows with a charted temperature; WBC is the latest maternal result at or before the row.

Criteria used, and their versions

Criterion	Source as published	As applied here
MEWC	Mhyre JM, et al. The Maternal Early Warning Criteria: a proposal from the National Partnership for Maternal Safety. Obstet Gynecol 2014;124(4):782-786. Table 1. Link	Single-parameter triggers: SBP <90 or >160; DBP >100; HR <50 or >120; RR <10 or >30; SpO2 on room air <95. Strict inequalities as printed.
ACOG PB 222	ACOG Practice Bulletin No. 222, Gestational Hypertension and Preeclampsia. Obstet Gynecol 2020;135(6):e237-e260 (reaffirmed 2026). Link	Severe range: SBP 160 or more or DBP 110 or more. Persistent: 15 minutes or more. Treat within 30-60 minutes. Current (reaffirmed 2026).
ACOG CO 767	ACOG Committee Opinion No. 767. Obstet Gynecol 2019;133(2):e174-e180 (withdrawn per ACOG site, checked 2026-10-16). Link	Same thresholds and 30-60 minute window. Shown for care dates while it was in effect; ACOG lists it as withdrawn.
AIM SHTN	AIM Severe Hypertension in Pregnancy Patient Safety Bundle. Element Implementation Details (2022) and Core Data Collection Plan v2.0 (Jan 2024), measure SHTN P1. Link	Two severe-range measurements within 15 minutes. SHTN P1: treated within 1 hour of the first severe-range reading.
SEP-1	CMS. Specifications Manual for National Hospital Inpatient Quality Measures, Version 5.18a, discharges 01/01/2026 to 12/31/2026. Section 2.1, SEP-1. Link	Pregnancy column: temp 38 or more or under 36; HR over 110; RR over 24; WBC over 15,000, under 4,000 or over 10% bands.

What this is not

No view on which criteria this hospital adopted, what they required, or whether care met any standard. The criteria are applied to charted values only. Where two sources set the clock differently (AIM from the first severe reading, ACOG from confirmed persistence), both are shown. This table pairs with the Fetal Monitoring Strip and Chart Timeline, which lines up the fetal tracing on the same chart clock.

Index of bundled pages

Page	Source
p.4	SYN-LDN000001 Admission
p.5	SYN-LDN000002 Orders
p.6	SYN-LDN000003 Maternal vitals 1
p.7	SYN-LDN000004 Maternal vitals 2
p.8	SYN-LDN000005 Labs and medications
p.9	SYN-LDN000006 Notes and notification log

OB ADMISSION

Entry ID: OA-101 | Author: Nurse U Example, RN (SYN) | Date of service: 03/22/2026 0730

G1P0 at 38w1d (SYNTHETIC) for induction, preeclampsia without severe features. Spontaneous rupture of membranes at 0310 today, clear fluid. GBS culture: not resulted. Allergies: none known.

ORDERS (MATERNAL)

Orders for encounter SYN-88390

Ordered	Ordered by	Entry ID	Order as written
03/22 0745	Obstetrician X Example, MD (SYN)	OR-401	Admit for induction of labor, preeclampsia without severe features. Oxytocin per protocol. Notify for BP 160/110 or greater.
03/22 1525	Obstetrician X Example, MD (SYN)	OR-402	Labetalol 20 mg IV now for severe-range BP. Repeat BP in 10 minutes.
03/22 1945	Obstetrician X Example, MD (SYN)	OR-403	Ampicillin 2 g IV every 6 hours. Gentamicin 5 mg/kg IV every 24 hours. Suspected intraamniotic infection.

L&D FLOWSHEET: MATERNAL VITAL SIGNS

As charted (SYNTHETIC values). Page 1 of 2.

Time	BP	HR	RR	SpO2 (room air)	Temp C	Entry ID
03/22 0800	142/92	88	18	98	36.9	MV-4101
03/22 1000	148/96	92	18	98	37.0	MV-4102
03/22 1200	152/98	94	18	97	37.1	MV-4103
03/22 1330	156/104	96	20	97		MV-4104
03/22 1405	164/102	98	20	97		MV-4105
03/22 1415	162/108	100	20	97		MV-4106
03/22 1422	168/112	102	22	97	37.2	MV-4107
03/22 1440	166/110	104	22	96		MV-4108

L&D FLOWSHEET: MATERNAL VITAL SIGNS

As charted (SYNTHETIC values). Page 2 of 2.

Time	BP	HR	RR	SpO2 (room air)	Temp C	Entry ID
03/22 1545	152/100	100	20	97		MV-4109
03/22 1630	148/98	98	20	97	37.4	MV-4110
03/22 1800	144/94	104	20	96	37.8	MV-4111
03/22 1930	140/90	124	26	95	38.6	MV-4112
03/22 2015	138/88	128	28	94	38.7	MV-4113
03/22 2100	136/86	122	24	95	38.4	MV-4114
03/22 2200	134/84	118	22	96	38.2	MV-4115

MATERNAL LABS AND MEDICATION ADMINISTRATION

As documented.

Test	Result	Units	Collected	Resulted	Entry ID
WBC	17.8	x10^3/uL	03/22 1945	03/22 2020	ML-201

Given	Medication	Dose / route	Entry ID
03/22 1531	Labetalol	20 mg IV	MM-501
03/22 1950	Ampicillin	2 g IV	MM-502
03/22 2005	Gentamicin	360 mg IV	MM-503

NOTES AND PROVIDER NOTIFICATION LOG

As documented.

Entry ID: NN-801 | Author: Nurse U Example, RN (SYN) | Date of service: 03/22 1335
BP 156/104. Denies headache or visual change. Provider aware per standing order.

Entry ID: NN-802 | Author: Nurse U Example, RN (SYN) | Date of service: 03/22 1425
Severe-range BP x2 (164/102 at 1405, 162/108 at 1415). Provider notified by phone at 1428. Orders pending.

Entry ID: MD-901 | Author: Obstetrician X Example, MD (SYN) | Date of service: 03/22 1520
At bedside for severe-range blood pressure. Labetalol ordered. Continue induction.

Entry ID: NN-803 | Author: Nurse W Sample, RN (SYN) | Date of service: 03/22 1935
Temp 38.6, maternal HR 124. Fetal tachycardia. Provider notified 1940.

Time	Method	To	Reason recorded	Entry ID
03/22 1428	Phone	Obstetrician X Example, MD (SYN)	Severe-range BP	NL-21
03/22 1520	At bedside	Obstetrician X Example, MD (SYN)	Severe-range BP	NL-22
03/22 1940	Phone	Obstetrician X Example, MD (SYN)	Fever, maternal tachycardia	NL-23