Document Links:

Sepsis Instrument

REVSTAT
REVIEW STATUS (not abstracted)
0. Abstraction has not begun
1. Abstraction in progress
2. Abstraction completed w/o errors
3. Cohort validation failure (exclusion)
4. Record contains missing data
5. Administrative exclusion from all measures

AGE
Calculated field – ADMDT - BIRTHDT

DCDT
Discharge date

HYPOTNS
During the time frame from (computer to display sepresdt/
seprestm - 6 hours) to (computer to display sepresdt/seprestm +
6 hours) is there documentation initial hypotension was present?
Criteria for determining initial hypotension:
  • Two hypotensive blood pressure readings at different times
    within specified timeframe
      o systolic blood pressures <90, or
      o mean arterial pressures (MAP), <65 or
      o a decrease in systolic BP by >40 mm/Hg
1. Yes
2. No or unable to determine

CRYSTL
During the timeframe from [(If hypotns = 1, and sepshk =
2, computer to display hypotnsdt/hypotnstm - 6 hours) to
(hypotnsdt/hypotnstm + 3 hours) OR (If hypotns = 2 and
sepshk = 1 computer to display sepshkdt/sepshktm - 6
hours) to (sepshkdt/sepshktm + 3 hours) OR (if hypotns =
1 and sepshk = 1, computer to display earliest of
hypotnsdt/hypotnstm – 6 hrs) to (hypotnsdt/hypotnstm + 3
hours or sepshkdt/sepshktm - 6 hours to sepshkdt/
sepshktm + 3 hours) were crystalloid fluids initiated?
1. Yes
2. No
4. There is documentation the patient has an implanted
Ventricular Assist Device (VAD)
98. The patient or authorized patient advocate refused IV
fluids.

SEPSHK
Did a physician/APN/PA document presence
of septic shock or severe sepsis with shock?
1. Yes
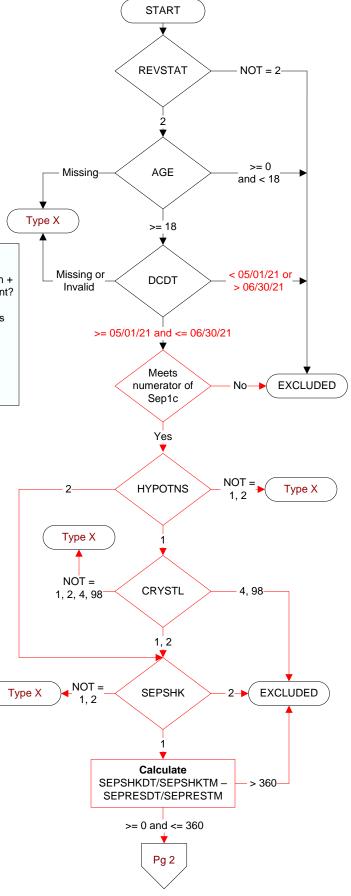2. No or unable to determine

SEPSHKDT / SEPSHKTM
Enter the earliest date and time a physician/
APN/PA documented the presence of septic
shock OR the earliest date and time on which
the final criterion was met to establish the
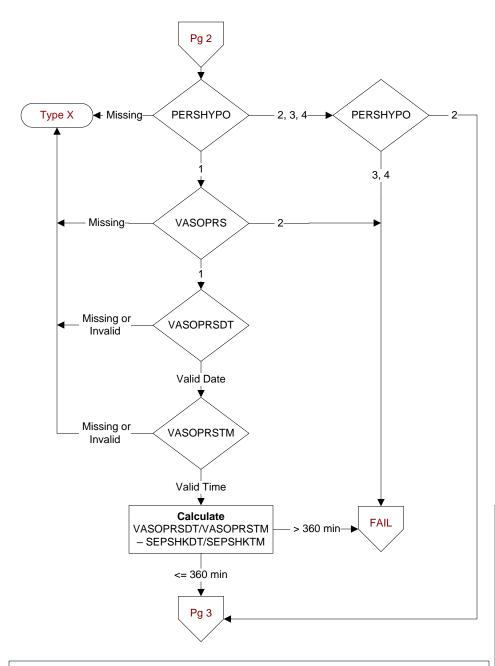presence of septic shock.

SEPRESDT
Computer to auto-fill
earliest valid date entered
in sepdt or sepsisdt.

SEPRESTM
Computer to auto-fill
earliest valid time entered
in septm or sepsistm.

START

REVSTAT — NOT = 2

2

AGE — Missing → Type X
AGE — >= 0 and < 18

>= 18

DCDT — Missing or Invalid
DCDT — < 05/01/21 or > 06/30/21

>= 05/01/21 and <= 06/30/21

Meets numerator of Sep1c — No → EXCLUDED

Yes

HYPOTNS — 2
HYPOTNS — NOT = 1, 2 → Type X

1

CRYSTL — NOT = 1, 2, 4, 98 → Type X
CRYSTL — 4, 98 → EXCLUDED

1, 2

SEPSHK — NOT = 1, 2 → Type X
SEPSHK — 2 → EXCLUDED

1

Calculate
SEPSHKDT/SEPSHKTM –
SEPRESDT/SEPRESTM — > 360 → EXCLUDED

>= 0 and <= 360

Pg 2

Pg 2

Type X ← Missing ← PERSHYPO → 2, 3, 4 → PERSHYPO → 2

PERSHYPO → 1 → VASOPRS

PERSHYPO → 3, 4

VASOPRS ← Missing

VASOPRS → 2

VASOPRS → 1 → VASOPRSDT

VASOPRSDT ← Missing or Invalid

VASOPRSDT → Valid Date → VASOPRSTM

VASOPRSTM ← Missing or Invalid

VASOPRSTM → Valid Time

Calculate
VASOPRSDT/VASOPRSTM – SEPSHKDT/SEPSHKTM

> 360 min → FAIL

<= 360 min

Pg 3

PERSHYPO
During the time frame from (computer display crystlend) to (computer to display crystlend + 1 hour) is there physician/APN/PA documentation that persistent hypotension or new onset of hypotension was present?

Criteria for determining persistent or new onset of hypotension:
- Two hypotensive blood pressure readings at different times within specified timeframe
  - o systolic blood pressures <90, or
  - o mean arterial pressures (MAP), <65 or
  - o a decrease in systolic BP by >40 mm/Hg

1. Yes
2. No or Unable to determine
3. No, the patient was not assessed for persistent hypotension or new onset of hypotension within one hour after the conclusion of crystalloid fluid administration at the target ordered volume.
4. Not applicable - Crystalloid fluids were administered but at a volume less than the target ordered volume

VASOPRS
During the timeframe from (computer to display sepshkdt/ sepshktm) to (computer to display sepshkdt/sepshktm + 6 hours) is there documentation an intravenous (IV)) or intraosseous (IO) vasopressor was administered?
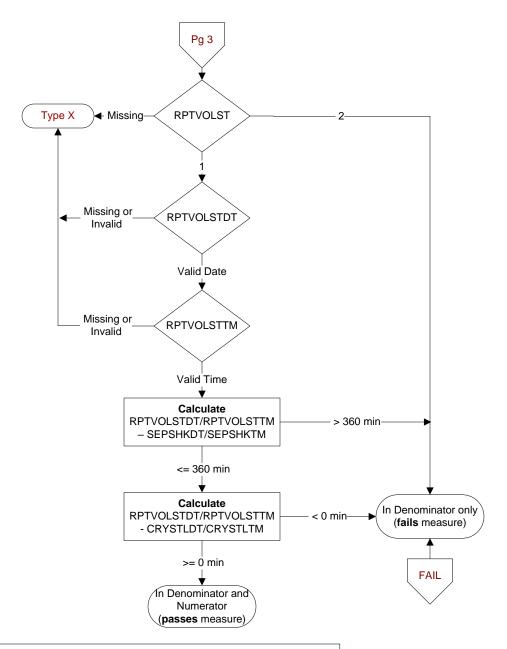
Generic Name	**Brand Name**
norepinephrine	Levophed
epinephrine	Adrenalin
phenylephrine	Neosynephrine
	Vasculep
dopamine	dopamine
vasopressin	Vasopressin
angiotensin II	Giapreza

1. Yes
2. No or Unable to Determine

VASOPRSDT / VASOPRSTM
During the timeframe from (computer to display sepshkdt/ sepshktm) to (computer to display sepshkdt/sepshktm + 6 hours) enter the date and time on which an IV or IO vasopressor was administered.

Pg 3

RPTVOLST

Type X ◄—Missing—

—2—

—1—

RPTVOLSTDT

Missing or Invalid ◄

Valid Date

RPTVOLSTTM

Missing or Invalid ◄

Valid Time

Calculate
RPTVOLSTDT/RPTVOLSTTM
– SEPSHKDT/SEPSHKTM

—> 360 min—►

—<= 360 min—

Calculate
RPTVOLSTDT/RPTVOLSTTM
- CRYSTLDT/CRYSTLTM

—< 0 min—►

In Denominator only
(**fails** measure)

FAIL

—>= 0 min—

In Denominator and Numerator
(**passes** measure)

RPTVOLST
During the timeframe from (computer to display crystldt/crystltm) to (computer to display sepshkdt/sepshktm + 6 hours) is there documentation of a repeat volume status and tissue perfusion assessment as evidenced by any of the following three criteria?
  a) Physician/APN/PA documentation of a physical exam, perfusion assessment, sepsis focused exam, or systems review. (See D/D Rules for examples.)
  b) Physician/APN/PA documentation of a review of at least five of eight parameters. (See D/D Rules)
  c) Physician/APN/PA or non-physician/APN/PA documentation that one of four measurements was performed/results documented and reviewed. (See D/D Rules.)

1. Yes
2. No or unable to be determined

RPTVOLSTDT / RPTVOLSTTM
During the timeframe from (computer to display crystldt/ crystltm) to (computer to display sepshktm/sepshktm + 6 hours) enter the date and time on which a repeat volume status and tissue perfusion assessment was documented.