

SEPSIS HANDOFF

CODE RN: _____ EXT: _____
ED RN: _____ EXT: _____
ED MD: _____ EXT: _____

PATIENT STICKER

TIME ZERO: _____

- TIME ZERO IS WHEN PATIENT MEETS **SEVERE SEPSIS** CRITERIA.
- **SEVERE SEPSIS** = 2 SIRS, SUSPECTED/ KNOWN SOURCE OF INFECTION, **PLUS ORGAN DYSFUNCTION**.

HOUR 1: _____

REQUIREMENTS TO BE COMPLETED **WITHIN FIRST HOUR** OF TIME ZERO.

LABS

- ☐ Blood Cultures x2 drawn and collected in Epic
- ☐ POC Lactate drawn and sent to POC
- ☐ POC Glucose completed
- ☐ Procalcitonin drawn and sent (Or added to previous labs)

HEMODYNAMIC MONITORING

- ☐ Bring Edwards EV1000 at bedside
- ☐ Set up CLEARSIGHT vs. FLOTRAC
- ☐ Initial Delta SV (PLR or Micro bolus) done and documented

ANTIBIOTICS

- ☐ Broad Spectrum Antibiotics to be started **Before:** _____
 - * ABX to be administered **within 60 mins** of meeting criteria
 - * Blood cultures collected **BEFORE** ABX administration.
 - * If antibiotics are not verified, call Pharmacy to expedite at **18169** (10am-10pm) or **64490** (after 10pm).

TISSUE PERFUSION

- ☐ ETCO2 in place and value documented
- ☐ Cap Refill done and documented

COMPLETE BY

HOUR 3: _____

LABS

- ☐ POC Lactate drawn and sent to POC
- ☐ POC Glucose completed

COMPLETE BY

HOUR 6: _____

LABS

- ☐ POC Lactate drawn and sent to POC
- ☐ POC Glucose completed

FLUID VOLUME STATUS

IVC, DELTA SV, CAP REFILL - MUST BE DOCUMENTED BEFORE EVERY BOLUS WITHIN THE FIRST 6 HOURS

END TIME: _____

Bolus #1 ordered @ _____

- ☐ IVC done
- ☐ Cap Refill done and documented
- ☐ Delta SV (PLR or Micro bolus) done and documented

Bolus #4 ordered @ _____

- ☐ IVC done
- ☐ Cap Refill done and documented
- ☐ Delta SV (PLR or Micro bolus) done and documented

Bolus #2 ordered @ _____

- ☐ IVC done
- ☐ Cap Refill done and documented
- ☐ Delta SV (PLR or Micro bolus) done and documented

Bolus #5 ordered @ _____

- ☐ IVC done
- ☐ Cap Refill done and documented
- ☐ Delta SV (PLR or Micro bolus) done and documented

Bolus #3 ordered @ _____

- ☐ IVC done
- ☐ Cap Refill done and documented
- ☐ Delta SV (PLR or Micro bolus) done and documented

Bolus #6 ordered @ _____

- ☐ IVC done
- ☐ Cap Refill done and documented
- ☐ Delta SV (PLR or Micro bolus) done and documented

*** CALL CODE RN (18010 / 18011) FOR IVC. IF UNAVAILABLE, NOTIFY PROVIDER FOR IVC.**

CORE MEASURES

BLOOD CULTURES PRIOR TO ABX

- 2 sets of blood cultures have been COLLECTED and DRAWN prior to administration of antibiotics.

SEPSIS BROAD SPECTRUM ANTIBIOTICS

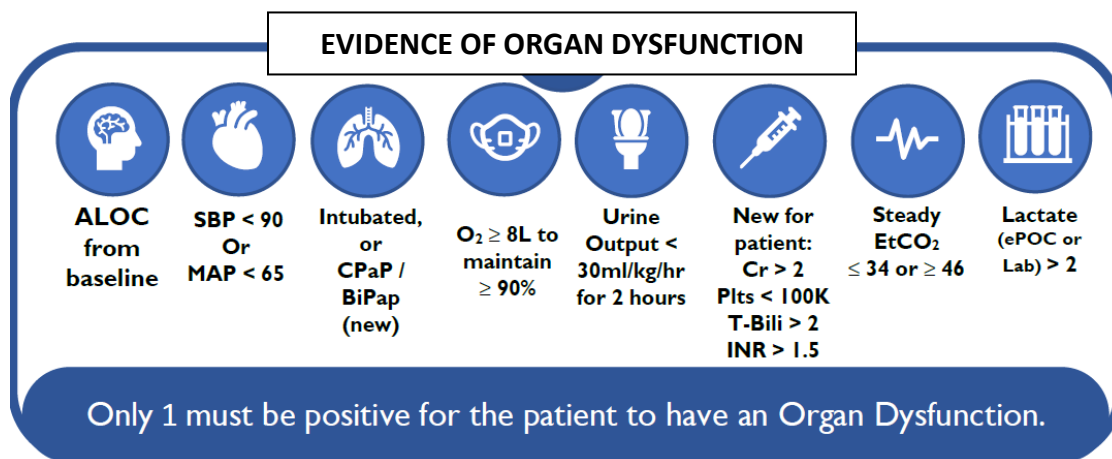
- A broad-spectrum antibiotic needs to be administered WITHIN 60MINS upon patient meeting severe sepsis OR septic shock criteria.

FLUID VOLUME STATUS MEASURE

- Must be DOCUMENTED before every bolus within the first 6 hours:
 - IVC Collapsibility
 - Delta Stroke Volume or Stroke Volume Variance
 - Cap Refill

TISSUE PERFUSION MEASURE

- Patient received 1 of the following by HOUR 6:
 - Maintain ETCO₂ between 35-45
 - Lactate <2 or decreased by 60%
 - Cap Refill <2
 - ScVO₂ 70-80%



DEFINITIONS

Systemic Inflammatory Response Syndrome (SIRS)	Positive for 2 or more: HR > 90, RR > 20, Temp > 38 or < 36, or WBC >12k or < 4k.
Sepsis	Patient is positive with SIRS and a suspected or known source of infection.
Severe Sepsis	Patient is positive for Sepsis PLUS evidence of 1 organ dysfunction.
Septic Shock	Patient has lactate > 4 or is hypotensive despite fluids.
Lactate	The lab measurement of the end product of anaerobic (lack of oxygen) metabolism. It DOES NOT mean the patient is confirmed septic.
Procalcitonin (Procal)	The lab value that measures the level of bacterial infection in the blood.
Clearsight	The non-invasive measurement device (finger cuffs) used with the Edwards Hemodynamic Monitor.
Flotrac	The invasive measurement device (arterial line) used with the Edwards Hemodynamic Monitor.
IVC Collapsibility	This is a measurement of how much the Inferior Vena Cava collapses when the patient takes a breath, indicating fluid volume status.
Cardiac Output (CO)	The amount of blood the heart pumps within 1 minute.
Stroke Volume (SV)	The amount of blood the heart pumps with each beat.
Delta Stroke Volume	The difference in stroke volume after a passive leg raise (PLR) or small fluid bolus.
Systemic Vascular Resistance (SVR)	The resistance the heart must overcome to push blood through the circulatory system and create flow i.e. "vasodilation vs vasoconstriction."