SEPSIS ACTIVATION BUNDLE

CODE RN: **EXT: 18010 / 18011**

PROVIDER: **EXT:**

PATIENT LABEL

TIME ZERO:

TIME ZERO = Earliest time patient meets severe sepsis/ septic shock criteria.

HOUR 1 BUNDLE - INITIATE IMMEDIATELY, NO LATER THAN: _____

LABS

- ☐ Blood Cultures x2 drawn *(Document all attempts)*
- ☐ POC Lactate
- ☐ POC Glucose

ANTIBIOTICS

- ☐ Antibiotics started *(Blood cultures collected BEFORE ABX admin)*

DYNAMIC ASSESSMENT

(Fluid Responsiveness and Fluid Tolerance)

FLUID TOLERACE

- ☐ IVC
- ☐ Heart Dynamics
- ☐ Lung Views

FLUID RESPONSIVENESS

- ☐ Delta SV or
- ☐ SVV or
- ☐ cCFT from Flopatch

TISSUE PERFUSION

- ☐ Cap refill

☐ **FLUIDS INDICATED**	☐ **FLUIDS *NOT* INDICATED**
TARGET FLUID GOAL: _____ • If fluid tolerance and responsiveness are confirmed, establish a fluid target and/ or incremental boluses with reassessment of *Responsiveness* and *Perfusion.*	**ESCALATION OF CARE** • Recommend/ initiate vasopressors for persistent hypotension defined by two or more blood pressure readings within one hour. SBP < 90 or MAP < 65 mmHg despite adequate fluid resuscitation.

HOUR 3 TO 6 - ONGOING MONITORING & ASSESSMENT

- Vital sign documentation.
  - At least Q1HR during resuscitation. ☐ ☐ ☐
  - After fluid resuscitation, VS obtained x2 in the hour that follows. ☐ ☐
- Assessment of Perfusion *(at least once between hour 3-6)*
  - Clinical signs – Cap refill, skin mottling, UOP.

REFELX LACTATE: REPEAT LACTATE IF INITIAL RESULT > 2 mmoL/L

☐ **HOUR 3 REPEAT LACTATE:** _____	☐ **NA, initial lactate ≤2**

END TIME HOUR 6: _____

** ALL COMPONENTS OF BUNDLE TO BE COMPLETED BY END TIME.*

ACTIVATION CRITERIA GUIDELINE ≥ 15 years

SIRS

- Temp <36C or >38C
- HR >90
- RR >20
- WBC <4K or >12K or >10% bands

ORGAN DYSFUNCTION

- New Altered Mental Status
- SBP <90 or MAP <65
- Lactate ≥ 2 mmol/L
- Cr > 2 / PLT < 100K
- TiBili > 2 mg/dL / INR > 1.5
- EtCO2 ≤ 34 mmHg or ≥ 46 mmHg *(maintained)*
- Respiratory Failure *(includes):*
  - *Intubation*
  - *BVM assisted*
  - *Acute Non-invasive Inspiratory*
  - *Positive Pressure Ventilation (NIPPV)*
  - *SpO2/FiO2 Ratio <315*
  - *or PaO2/FiO2 <300*

☑ *2 or more SIRS*
☑ *SUSPECTED SOURCE OF INFECTION*
☑ *x1 ORGAN DYSFUNCTION*

ACTIVATE!

CALL 911

HEMODYNAMIC MONITORING

Non-invasive	Minimally-invasive
FloPatch 	**Flotrac** 

VIDEO REFERENCE GUIDE

SCAN FOR HEMOSPHERE SETUP

Sepsis	A known or suspected infection accompanied by 2 or more SIRS criteria.
Severe Sepsis	Sepsis associated with signs or symptoms of at least one organ dysfunction.
Septic Shock	Sepsis with hypotension that is refractory to IV fluid resuscitation.
Fluid Tolerance	IVC > 1.5cm w/ <50% collapse, Blines, ↓LV/RV function. Repeat fluid tolerance may be performed by venous waveform analysis
Fluid Responsiveness	DSV >10% or ccFT from FloPatch ≥ 7 msec
Adequate Perfusion	MAP >65mmHg and Cap refill <3 sec, adequate UOP. *Additional indicators: Skin temp, Absence of mottling, Lactate <2 mmol/L, Improving mentation.*
Dynamic Assessment Elements	IVC collapsibility, Dynamic ability of the heart, DSV, SVV SVR, ccFT, Venous tracing assessment *(FloPatch)*

BLOOD CULTURE COLLECTION SITE PREP

HW 691

FOR MORE INFORMATION CONTACT CODE TEAM 18010 / 18011

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