

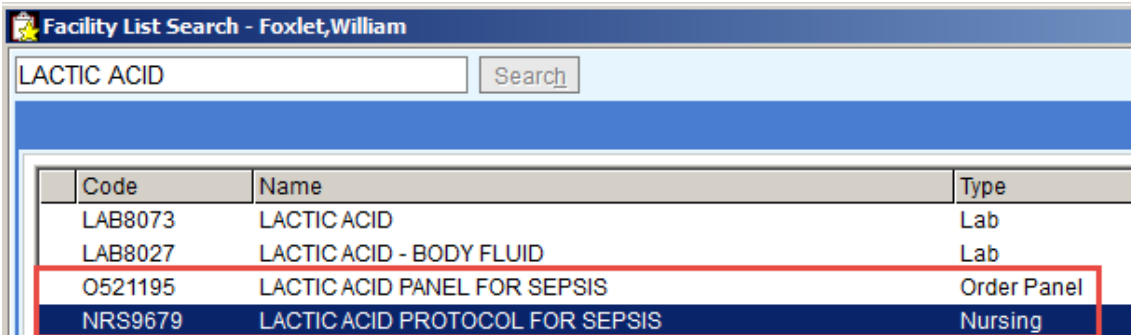
# Lactic Acid Protocol

## Lactic Acid Protocol for MD

To meet current Core Measure standards for repeat lactic acid blood draws for sepsis patient, we have implemented new Epic build to help MD's and RN's in both the ED and Inpatient setting. We have created both an order panel and protocol order that can be used.

The new protocol order will allow nurses to draw a repeat lactic acid without needing to call the MD to request a follow-up order. All the MD will need to do is place the protocol order.

Below are the protocol order (it is both in the panel and a free floating order) and the panel has the two lactic acid orders defaulted:

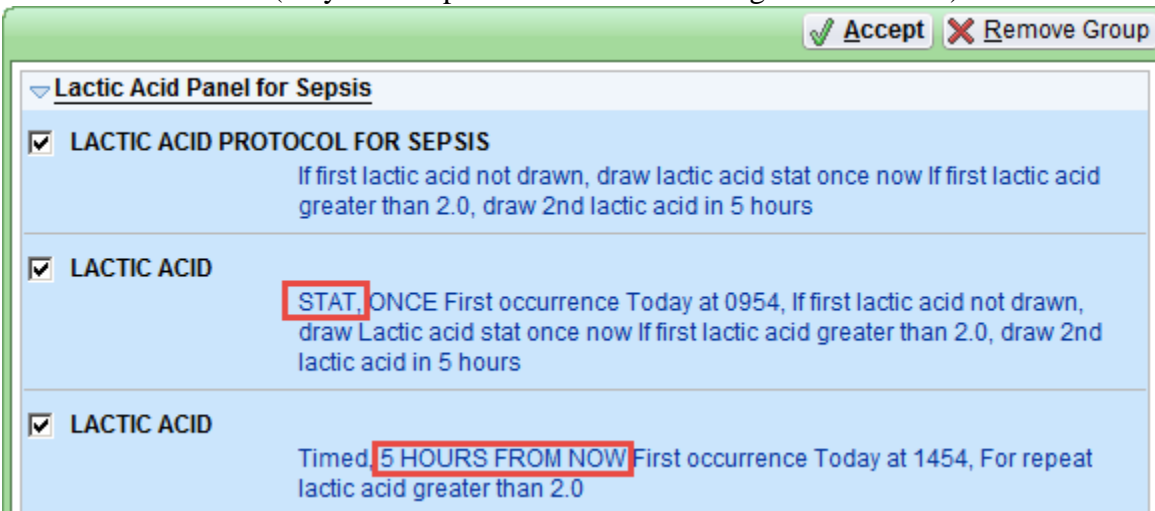


Facility List Search - Foxlet, William

LACTIC ACID Search

Code	Name	Type
LAB8073	LACTIC ACID	Lab
LAB8027	LACTIC ACID - BODY FLUID	Lab
O521195	LACTIC ACID PANEL FOR SEPSIS	Order Panel
NRS9679	LACTIC ACID PROTOCOL FOR SEPSIS	Nursing

The panel has the protocol order, along with two lactic acid orders. One order for STAT and the other defaulted five hours from now (only to be repeated if last lactic was greater than 2.0).

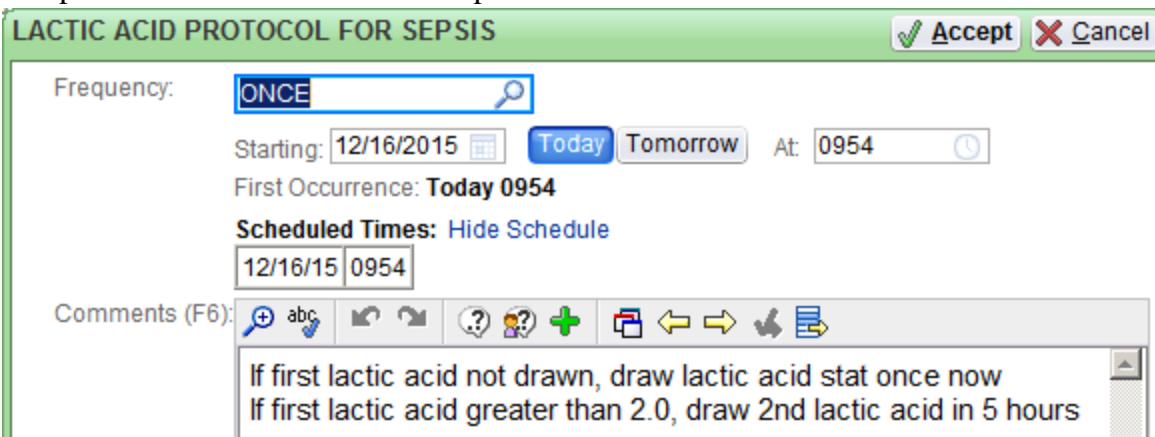


Accept Remove Group

▼ Lactic Acid Panel for Sepsis

- LACTIC ACID PROTOCOL FOR SEPSIS  
If first lactic acid not drawn, draw lactic acid stat once now If first lactic acid greater than 2.0, draw 2nd lactic acid in 5 hours
- LACTIC ACID  
STAT, ONCE First occurrence Today at 0954, If first lactic acid not drawn, draw Lactic acid stat once now If first lactic acid greater than 2.0, draw 2nd lactic acid in 5 hours
- LACTIC ACID  
Timed, 5 HOURS FROM NOW First occurrence Today at 1454, For repeat lactic acid greater than 2.0

The protocol order allows the RN to place the lab order themselves:



LACTIC ACID PROTOCOL FOR SEPSIS Accept Cancel

Frequency: ONCE

Starting: 12/16/2015 Today Tomorrow At: 0954

First Occurrence: Today 0954

Scheduled Times: Hide Schedule

12/16/15 0954

Comments (F6):

If first lactic acid not drawn, draw lactic acid stat once now  
If first lactic acid greater than 2.0, draw 2nd lactic acid in 5 hours

This will be used by both ED and Inpatient Providers. If an ED physician places the order, Inpatient physicians can continue the orders for the inpatient setting, see steps below:

In your Med Rec section of your ED Admit Navigator, look for current ED order. Click “Modify/Continue on the lactic acid orders:

Order Description	Discontinue	Modify / Continue
<b>LACTIC ACID</b> STAT, ONCE, Wed 12/16/15 at 1005, For 1 occurrence, If first lactic acid not drawn, draw Lactic acid stat once now If first lactic acid greater than 2.0, draw 2nd lactic acid in 5 hours	Discontinue	Modify / Continue
<b>LACTIC ACID</b> Timed, 5 HOURS FROM NOW, Wed 12/16/15 at 1505, For 1 occurrence, For repeat lactic acid greater than 2.0	Discontinue	Modify / Continue
<b>LACTIC ACID PROTOCOL FOR SEPSIS</b> If first lactic acid not drawn, draw lactic acid stat once now If first lactic acid greater than 2.0, draw 2nd lactic acid in 5 hours	Discontinue	Modify / Continue

Along with adding these orders in Order Management, we have added them to four ordersets/order panels:

- Adult ICU Severe Sepsis/Septic Shock Orderset (81)
- IP Adult Sepsis (431428)
- ED Sepsis Alert Panel (O521025)
- ED Standing Orders for Positive Sepsis Screen (O520982)

✓ Accept ✗ Remove Group

ED Standing Orders for Positive Sepsis Screen

- CBC WITH AUTOMATED DIFFERENTIAL**  
STAT, ONCE First occurrence Today at 1310  
Who will collect the specimen? Lab  
ASAP including in triage or waiting room.
- COMP METABOLIC PANEL**  
STAT, ONCE First occurrence Today at 1310  
Who will collect the specimen? Lab  
ASAP including in triage or waiting room.
- LACTIC ACID PROTOCOL FOR SEPSIS**  
If first lactic acid not drawn, draw lactic acid stat once now If first lactic acid greater than 2.0, draw 2nd lactic acid in 5 hours
- LACTIC ACID**  
STAT, ONCE First occurrence Today at 1310, If first lactic acid not drawn, draw Lactic acid stat once now If first lactic acid greater than 2.0, draw 2nd lactic acid in 5 hours
- LACTIC ACID**  
Timed, 5 HOURS FROM NOW First occurrence Today at 1810, For repeat lactic acid greater than 2.0
- URINALYSIS W/MICRO REFLEX (For Urinary Symptoms, Abdominal Pain or Delirium)**  
STAT, ONCE, Starting 12/16/15

Next Required ✓ Accept ✗ Remove Group