

# Lactic Acid Protocol

## Lactic Acid Protocol for RN

A new lactic acid protocol order has been created that will help us meet standards for core measures on sepsis patients. The protocol will allow RN's to place orders for STAT and repeat lactic acid lab orders. When the MD places the protocol order (ED or Inpatient), the RN can run a STAT order and if the lactic is greater than 2 mmol/L to draw a second in 5 hours. For us to reach the measure, a patient with a lactic greater than 2mmol/L must have a second lactic completed by the 6<sup>th</sup> hour of first lactic draw.

Protocol Order:

The screenshot shows a web-based form titled "LACTIC ACID PROTOCOL FOR SEPSIS" with "Accept" and "Cancel" buttons. The "Frequency" is set to "ONCE". The "Starting" date is "12/16/2015" with "Today" and "Tomorrow" buttons, and the time is "1259". The "First Occurrence" is "Today 1259". There is a "Scheduled Times" section with a "Hide Schedule" link and a table showing "12/16/15" at "1259". A "Comments (F6)" section contains the text: "If first lactic acid not drawn, draw lactic acid stat once now" and "If first lactic acid greater than 2.0, draw 2nd lactic acid in 5 hours".

The new panel created for ordering. It has the protocol order, a STAT order and a defaulted Lactic draw 5 hours from now:

The screenshot shows a web-based form titled "Lactic Acid Panel for Sepsis" with "Accept" and "Remove Group" buttons. It contains three sections, each with a checked checkbox and a description:

- 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 1301. 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 1801. For repeat lactic acid greater than 2.0

If the STAT lactic is equal to or less than 2.0mmol/L, you can discontinue the second lab order without calling the MD.

**ED RN: We have added this panel to your ED Sepsis Standing order panel:**

☒ **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**