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:

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).

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

- **LACTIC ACID**
  - 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

- **LACTIC ACID**
  - Timed, 5 HOURS FROM NOW, Wed 12/16/15 at 1505, For 1 occurrence, For repeat lactic acid greater than 2.0

- **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

Along with adding these orders in Order Management, we have added them to four order sets/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)