

## Workflow for ACTH Stimulation Testing (Cortrosyn)

1. The ordering provider will request ACTH Stimulation testing in Epic.
  - a. ACTH plasma is NOT stimulation testing and may be collected as with routine lab testing.
2. Nursing or the physician will place the order into the computer system. Epic screen shot below.

The screenshot shows the 'Place orders' interface in Epic. The 'New order' section has a search bar and a dropdown for 'Order mode' set to 'Verbal with readback'. Below, under 'Orders (3 Orders)', the 'ACTH Stimulation Test' is expanded. It lists three items: 1. 'Cortisol, Random' with a note 'ACTH Timed First occurrence Tomorrow at 0800'. 2. 'cosyntropin (CORTROSYN) injection 0.25 mg' with a note '0.25 mg, Intravenous, Once - ACTH, Tomorrow at 0830, For 1 dose. Do not administer until after 8:00 AM cortisol lab has been drawn.' 3. 'Order Cortisol, Random (LAB61) to be drawn 30 min after administration of Cortrosyn' with a note 'Routine, Once First occurrence Tomorrow at 0800'. There is also an unchecked option for 'Order Cortisol, Random (LAB61) to be drawn 60 min after administration of Cortrosyn'.

3. The system will automatically order a TIMED Cortisol for 08:00AM.
4. The system will automatically generate a print out in the laboratory alerting the dispatcher to the scheduled test.
  - a. The print out will include patient name, medical records number and room number as well as the testing information. This document does NOT specify ACTH Stimulation testing. If an order for CORTISOL RANDOM prints in the lab (should be the only order to print) assume it is for ACTH Stimulation Testing. See example below:

### Lab Order Requisition

Patient Name: Donna Testpatient MR#: <E1689743> CSN #: 131579033

DOB: 1/1/1960 Age: 55 y.o. Gender: female

Patient Location: WRC 4C WOMENS Bed: 4C05/4C0501

**Order: Cortisol, Random (Order ID: 30500134)**

Source:

Site:

Order Date/Time: Jan 23, 2015 2:06 PM

Priority: Timed

Authorizing Provider: Attending Physician Inpatient, MD

Ordering Provider: Attending Physician Inpatient, MD

- b. If the test is ordered for a future date, the dispatcher must ensure that the document is given to a team leader or supervisor.
  - c. If the test is ordered for today's date, follow step 5 below.
- 5. The team leader or dispatcher must assure that the phlebotomist assigned to that unit is aware of the stimulation test.
  - a. The phlebotomist must collect the cortisol at 0800 +/- 5 minutes.
  - b. The sample should immediately be tubed to the laboratory.
  - c. The baseline cortisol should be drawn at 0800 no matter when the medication is to be given (unless otherwise requested by the physician).
- 6. The nurse will receive notification via Epic that the specimen is collected.
- 7. Once medication is administered, the nurse will be prompted to order the next cortisol to be collected at the appropriate time.
- 8. Laboratory is responsible for ensuring that cortisol testing is collected +/- five minutes of the requested time in order to ensure appropriate test results.
- 9. If the physician requests other timing that is not part of this protocol, they will be required to order the appropriate tests at the appropriate times in Epic.