MEMORANDUM

TO: OSF HealthCare System Laboratory Customers and Clients

FROM: OSF HealthCare System Laboratory

DATE: October 29, 2018

RE: Thyroid Screening with Reflex Update

As of Tuesday, November 6th, 2018, a new Thyroid Screening with Reflex order (LAB4692) will be available to order by patient providers. This test supports the Mayo Medical Laboratory algorithm for Thyroid Function ordering (see algorithm below).

This order will include several questions upon ordering, which when answered “Yes” for patients greater than or equal to the age of 13, will trigger reflexive ordering based on the initial results of the thyroid screening. If the patient’s TSH result falls within the normal range, nothing additional will reflex.

The ordering information is below:

**Thyroid Screening with Reflex**  
**THYSCR**  
**LAB4692**  
**84443** (Initial CPT for TSH)

*Mayo Medical Laboratory algorithm for Thyroid Function ordering:*

- **Hyperthyroid suspect**
  - ≤0.10 mIU/L (TSH)
    - Free T4 (Lab1556)
    - normal FT4* (facility specific)
    - Total T3 (Lab1533)

- **Hypothyroid suspect**
  - ≤0.29 mIU/L (TSH)
    - Free T4 (Lab1556)
  - 0.30-5.0 mIU/L (TSH)*
    - Testing complete unless clinically indicated
  - >5.0 mIU/L (TSH)
    - Anti-Thyroid Peroxidase (antibody) (Lab716) & Free T4 (Lab1556)

*Adult TSH Reference Range

For any questions regarding this test, contact Melinda Davis, Chemistry Department Manager, at 309-624-9024.