

## New High Sensitivity (HS) Troponin Assay

Date: April 25, 2018

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Effective Date: April 30, 2018 at 8am

The current troponin assay will be discontinued. Patients who have been started on the current assay at the time of the switchover will continue to be tested with the current assay:

- Emergency Department Patients: 12 hours after switchover time
- Other Patients: can be ordered by cardiologists only, once per day for 7 days and availability will end Sunday May 6<sup>th</sup>

The implementation of the new cardiac biomarker test, the High Sensitivity Troponin T test (HS-TnT), has been carefully planned by Pathology and Laboratory Medicine, Cardiology, and Emergency Medicine. Testing laboratories include Strong Memorial Hospital, Highland Hospital, Strong West, and FF Thompson.

Troponin concentration at the 99<sup>th</sup> percentile of the reference population:

- Females 14 ng/L
- Males 22 ng/L

The Laboratory will call HS TnT results  $\geq 5x$  the 99<sup>th</sup> percentile values:

- Females 70 ng/L
- Males 110 ng/L

For additional information and education, please visit: <https://www.testmenu.com/rochester/Tests/901314>

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