Atrium Health Davie Medical Center

Blood Bank

**Blood Bank Turn Around Times**

**Situation:**

DMC lab staff are getting calls concerning when a type and screen and / or units of blood will be ready. This SBAR applies to DMC inpatient and ED units. It does not apply to Surgical Services units.

**Background:**

DMC went live with 24/7 blood services on December 1st, 2022. Routine orders are collected by phlebotomists at the scheduled rounding times, sometimes an hour or two after the order was placed. However, after the specimen has been collected, lab staff have received calls stating the blood is needed and are questioned how much longer it will be before the testing is completed and units will be ready.

**Assessment:**

If blood is needed urgently, DMC labs maintains O neg units for emergency release. Stat orders should be utilized as needed for urgent needs. Routine orders should not be utilized in an urgent situation.

**Recommendation:**

The following Turn Around times should be kept in mind when ordering blood or requesting a type and screen.

Routine orders:

Phlebotomy staff will collect routine orders at the scheduled rounding times. Routine orders placed between 6:30 pm and 6am will be collected by nursing staff.

DMC lab staff will have 2 hours to complete the testing, once the blood is received into the laboratory.

STAT orders:

Nursing staff will collect stat orders.

DMC lab staff will have 1 hour to complete the testing, once the patients’ blood is received into the laboratory.

Please note the following exceptions:

1. Whenever the patient has a positive antibody screen or issue with the typing of their blood, DMC lab staff will send the patients specimen to the Winston campus blood bank. DMC lab staff will notify the patient’s nurse or physician. This will cause an undetermined delay in getting appropriate units for the patient.

In this case, if needed, emergency release units will be offered. Staff should refrain from calling the DMC blood bank or the Winston campus blood bank for a Turnaround time. In these cases, the turnaround time is impossible to determine. DMC lab staff will notify the patient’s nurse or physician when appropriate units are available.

2. DMC blood bank does not keep irradiated units in house. These units are received from the Winston Campus blood bank. We cannot guarantee a turnaround time for these units. DMC lab staff will notify the patient’s nurse of physician of the delay and give an estimate of when the units will be available.

**Emmanuel Fadeyi, MD 12/22/2022**