**Chemistry Update 2/14/2022**

**Hospital Updates**

While it is sometimes difficult to keep up with general hospital news, please make every effort to do so as we transition to new processes with Jefferson. Keeping updates in a specific folder is helpful so you can find things easily. Please ask if you need help setting this up in your email.

**Chemistry Updates**

We have seen a few **mistakes on the exception reports** – please be careful to call and document every critical value.

Also, be aware that a < or > value negates the calculation that is associated with it, such as a CO2 < 5. The AGAP must be noted as “Unable to calculate”

Allan discovered that Acid Wash 0.5% was made up in the Detergent B 10% 24 hour urine jug by mistake. Please be careful when preparing – a great deal of time and effort went into discovering and correcting this mistake.

**RE: Infectious Disease Tests**

We will now see that all Positive Infectious disease results will hold in IM.

1)Positive **Hep C** will have a comment – no need to use the pull down menu.

The PCR will be ordered and the Tech will take the specimen to SO.

2) **Hep BsAg** and **HIV** will hold if Positive and the final comment will be there **but only when the two duplicate repeats are ordered on the EXACT same accession number.**  (scan the barcode at the inst and chose 2 reps in “assay options”.)

HIV positive results will order the reflex test automatically but Hep B will need to be ordered. The name of the test will appear in the comment.

3) Hep A, Hep Bc, and Covid Positive results will now hold in IM. There is no comment – it’s just an opportunity to review before release.

4) Syphilis positive results will now hold in IM, a comment will appear, and the reflex to RPR should be automatic.

With Syphilis, either Allan or Paula must be told if this works – we had an L&D patient that did not work this way so we need to track them for a while.

**Issue with Release of Results:**

June brought up a problem that we must be aware of: when two test results appear in Powerchart that are the same accession # and the same test. We had one where 3 Ca++ appeared in Powerchart. These results cannot be changed.

We think this happens for one of two reasons:

1. The Tech does not delete one of the results when a repeat is performed and both results go over.
2. The Tech finds that the specimen was run but the results are not in IM and sends them over (from the instrument) more than once. If this is done quickly, it can arrive in IM in duplicate and be released.

Please be careful! Thank you.

**Instrument Issues:**

Techs, please be sure to let me know when there is an issue with the instruments.

Last week and again today (Monday, 2/14), there were problems, and I was not notified.

You MUST report issues to the supervisor!

Also, please do not go to another supervisor if I am here, unless it is an emergency and I am unavailable.

Thank you.