

To: Sunny Balwani[sbalwani@theranos.com]
From: Daniel Young
Sent: Thur 6/5/2014 1:42:25 AM
Importance: Normal
Subject: RE: hCG update
Received: Thur 6/5/2014 1:42:27 AM

Nothing special.

The issue is that this change won't show up at the PSC until we release it to production tomorrow night. So tomorrow, if there are any HCG orders, a pCTN may be collected.

From: Sunny Balwani
Sent: Wednesday, June 04, 2014 6:30 PM
To: Daniel Young
Subject: RE: hCG update

Does hCG require special handling? We shouldn't have to send any special instruction because just changing in LIS should do it

From: Daniel Young
Sent: Wednesday, June 4, 2014 6:29 PM
To: Adam Rosendorff; Sunny Balwani
Subject: RE: hCG update

We also are repeating the IQP study today. All these studies are planned to be complete today.

At this time, we will be ready to switch to Immulite tomorrow night.

If we need to collect vacutainers tomorrow, we would need to send special instruction to the PSCs. Right now we are not planning on doing this.

-Daniel

From: Adam Rosendorff
Sent: Wednesday, June 04, 2014 5:16 PM
To: Sunny Balwani
Cc: Daniel Young
Subject: hCG update

Sunny

Daniel, Chinmay and I discussed the plan for hCG:

- (1) Determine an "invalid tip count" cutoff based on running patient samples with no hCG (eg males), and applying a cutoff of minus 2SD from the mean for invalid RLU.
- (2) Assume that the inconsistencies with Friday's patient hCG values was due to sample mishandling?

Going forward

- (1) Change hCG to vacutainer (SST or gold-top), and run on Immulite
- (2) Hold current CTN orders for hCG and call for redraw on vacutainer as needed.

(3) Resume CTN HCG when we have resolved these issues.

@ Daniel, please correct me if I am misunderstanding our plan.

Thanks,

Adam

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