

# AHC BB Implementation of Ortho Vision Max vs. Swift/Vinny

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## Go Live Details – Dates and Details

- 6/30/22
  - Completed Validation and Qualifications
  - Completed interface for Vision instruments
- After 7/1/22
  - When we have adequate saline and cards then we will designate the Vision as the primary instrument for AHC Blood Bank
  - In the interim, we will continue to use by Echo/Neo and the Vision instruments may be used with the interface but is not the primary.



# Go Live Details – Current and New Instruments

- We have three analyzer types on the Ortho Vision Platform

Date in Use	Instrument Type	Summary	Location in Blood Bank
2017	Vision	Original Vision Model Named “Vinny the Vision”	RHBB
2022	Vision Swift	Updated Vision Model Same as Vinny model with updated Camera and Throughput Named “Veronica”	UHBB
2022	Vision Max	Higher Throughput Analyzer Updated processing, camera and functionality Named: Max 1 and Max 2 by location “Leonardo, Michelangelo, Luigi and Tatiana”	MHBB Max 1 and Max 2 RHBB Max 1 and Max 2



## Go Live Details – Training Focus

- We are training team members on the Vision Max since we have used the original Vision which is like the Vision Swift.
- Therefore, all team members already trained on the original Vision may start using the Vision and Vision Swift upon Go-Live.
- Training will focus on
  - Training for Vision Max
  - Training for Vision instruments for new users



## Go Live Details – Training Details

- There are three types of trainees for the Go Live

Existing Vision Trained Team Member	New Team Member not trained on Vision	New Lab Assistant II team member
Will be trained on the Vision Max	Will be trained on Vision Analyzer with Full Vision Checklist	Will be trained on the Vision Max and/or Vision Swift / Vinny
(or) Trained on Vision Swift with Highlights of how Vision Max works		Lab Assistant II will be trained for adding any test to analyzer And Maintenance

# Go Live Details – Adding all Team Members to the Instruments

- For Training and Beyond
  - All will need a log in to the analyzer
  - With the BB Leads we have added all team members to the instrument.
    - We added all with a general password of either:

– 123






– password1



**When each team member is trained, then the password may be changed.**

## Go Live Details – Training Details

- Team members have been asked to train by completing the following tasks

	Ortho Online Training	Review of Instrument	Initial Testing Competency	Final MTS Go Live Quiz
Lab Assistants And Existing Vision Users				
New Vision Users		All instrument review and competency testing will complete with the full Vision Training Checklist. Team member can start using the Vision as soon as the training is started. Their Vision testing will be with a peer or trainer		

# Go Live Details – When can you use the Vision Max

- As soon as your training is started with the trainer, then you may use the Vision Max.
  - The Initial Competency Testing samples may be completed independently with peer/trainer support
- Reminder – all team members already trained on the Vinny Vision at RHBB may test on the Vision Swift at UHBB.





# Go Live Details – Training Timeline, due by 8/1/22

## Training Timeline

- Your supervisor will work to designate time to get training completed.
- Goal to have all team members fully trained as soon as feasible
  - Specific Goal date for full training:
    - **First week of August**



# Go Live Details – SOPs and Forms

- SOPs and Forms

When in Policy Tech then all team will be assigned for review of updates

- 44 Impacted SOPs were reviewed
  - 9 SOPs are to be revised, small wording changes to match practice
  - Updated Maintenance Form
  - 2 New SOPs
    - Weak D Profile
    - Newborn ABO/Rh Profile



## Go Live Details – Differences to Highlight

- Differences and Similarities with the two Instrument types

Instrument Hardware	Swift/Vinny	Max
Sample Rotors	1	2 Primary Rotor is the Left Rotor
Centrifuges	1	1 – each loads 10 cards
Dual Purpose Drawer	1	2 sections
Pipettors	1	4 – which is why it takes more saline to complete daily maintenance, as well as more time.

## Go Live Details – Differences to Highlight

- Differences and Similarities with the two Instrument types

Instrument Hardware	Swift/Vinny	Max
Waste Bottle	Internal – Gray Bottle	External – White larger bottle
Saline on Board	1 Bottle with DI Water	1 Bottle with DI Water And a second Saline Only Bottle
Weekly Cleaning	Clean the 1 Bottle and Internal Waste Bottle	Clean 2 bottles and external waste container
Monthly Cleaning	Same for all instruments	Same for all instruments
Daily Probe Maintenance	One probe with 5mL bottle of albumin	4 probes and 12 mL bottle of albumin

# Go Live Details – Differences to Highlight

- Differences and Similarities with the two Instrument types

Instrument	Swift/Vinny	Max
Software	Same	Same
Weak D Reflex	Swift – Yes, Validated Vinny – NO Not validated	Yes Reflex weak D testing for newborn ABO/Rh and CORD
Newborn Profile	Swift – Yes, Validated Vinny – No Not validated	Yes Ensure the sample is full before testing
Cord Samples	Swift – Yes with reflex Weak D Testing Vinny – Yes but No reflex Weak D (not validated)	Yes, with reflex to weak D testing for Rh Negative

# Go Live Details – Newborn Profile Tricks and Tips

- Best news of validation was the complete validation of pediatric samples for the Vision
- Tricks and Tips
  - Make sure the tube is full ! If not full, then test it manually.
  - Use the pediatric rack from Ortho
  - Only the type of tube pictured here may be used
    - Samples in the small pedi tube – we do not have the pedi rack that fits these smaller tubes, yet.



## Go Live Details – Newborn Profile

- For an NNP – you needs to request each test
  - Create the order if the order does not populate
    - newborn ABO/Rh, nABO/RH
    - newborn ABO/Rh2, nABO/Rh2
    - IAT
    - MTS DAT

Weak D will reflex on the analyzer for all Rh negative NNP samples

## Go Live Details – What this means to you

- **Where to find reagents at UHBB**
  - Cards are on the island and on shelves. There will be more space when the Echo is retired for card storage.
  - Reagents are in designated bins on the bottom left shelf in the UH fridge.
  - One shelf has been designated for expired panels to have expired panel cells available.



# Go Live Details – What this means to you

- **Where to find reagents at MHBB**
  - Cards are placed available for use close to the analyzer and in the storage room at MH.
  - Reagent bins for each instrument have been designated and placed in the fridge at MH
  - Any expired panels can be placed on the designated shelf
    - Starting 7/1/22 ++ We no longer need to prepare the 0.8% Quotient Panel daily since we will have an in-date and expired panel available at MHBB



# Go Live Details – What this means to you

- Where to find reagents at RHBB – moved to back by CAP samples, liquid plasma and expired reagents for students



# Go Live Details – What this means to you

- Problems which have been identified
  - Bad Cards
    - There was an issue noted in the validation and has been experienced by the validation team concerning the cards.
    - The camera is VERY sensitive to any alteration of volume of liquid, bubbles, etc.
    - There will be a volume of cards which will be rejected by the instrument.

## Go Live Details – What this means to you

- Bad Cards, continued
  - When the card is rejected – look at the card carefully
  - Cards may be rejected or re-worked for use

If	Then
Card well or wells are dried out,	Place the card in a Bad Card Sleeve or box. The card should be rejected. We will request credit for bad cards.
Card well has little or questionable liquid,	
Card well has a bubble or liquid is disturbed,	Try to re-spin the card – it may only be re-spun once. If the liquid or bubble is resolved after spinning, then use the card. If not reject and ask for credit.

## Go Live Details – What this means to you

- Problems we have identified and still working on:
  - Having space to load the analyzer in each location.
    - In the short term at MH use the table on the analyzer
    - In the interim at UH use the Island



Riley can use the table by Vision and we added a table in front of Max 1.

## Identified Issues we are Working On

1. Location and tracking of card inventory at each location
2. Maintaining adequate volume of saline for running the instrument and alcohol to complete the weekly cleaning.
3. DI water availability – we have boxes of water available at UH and MH
  - We are working on adding the DI Dispenser at these locations.



## Go Live Details – What this means to you

- No bad idea! Please continue to discuss at huddle improvements to the Vision Process Change!
- If you have a suggestion, then please discuss at huddle and email AHC BB Management for response.
- Especially note what additional items we need to order and obtain which would make the process improved.



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