

Calcwise Labkit

Robust Results Auto-Verification and Auto-Release

Improve patient safety, increase productivity, decrease turnaround times! These are the demands being placed on laboratories today. Auto-verification and auto-release of results can help accomplish these goals. **Calcwise Labkit** deploys robust, customizable auto-verification rules that enhance MEDITECH's auto-release capabilities. Calcwise enables auto-release of results when they meet required evaluation criteria, and alerts technologists when results require manual review. When manual review is necessary, Calcwise helps techs make fast, safe and accurate decisions. Calcwise Labkit enables laboratories to increase productivity and decrease turnaround times, all while improving patient care.

With Calcwise, information techs need to know appears in non-reportable tests at the top of the edit results screen (see example in screenshot below). Using Calcwise rules during the evaluation process helps techs quickly identify potential problems, such as specimen integrity versus potential disease state, and determine the next steps for verification/validation.

User: WISEW Edit Analyzer Results

Spec 0608:H00782R BC#013807 Patient C0000027547 HEME,NO CHARGE
 Coll 06/08/07 0943 Age/Sx 107/M Status RECD Unit # S00015970
 Recd 06/08/07 0943 Location LABF Room Bed
 Site ML Doctor LABS ONLY T Loc
 Dx/Rfv DIS

| # | Test | Result | Flg | Units | Reference | Method | Action |
|----|-----------------|--------------------|-----|--------|-----------|--------|--------|
| 1 | CBC2 ACTION | LD3 | | | | CALC | 0 |
| 2 | PLT ACTION | SCAN | | | | CALC | |
| 3 | WARM MESSAGE | NP | | | | CALC | |
| 4 | SPUN MESSAGE | SPUN HCT INDICATED | | | | CALC | |
| 5 | VORTEX MESSAGE | VORTEX REPEAT | | | | CALC | |
| 6 | CBC DELTA MSG | NP | | | | CALC | |
| 7 | WBC GRAM OK? | NP | | | | M | |
| 8 | PLT HISTGRAM OK | NP | | | | M | |
| 9 | RBC GRAM OK? | NP | | | | M | |
| 10 | WBC | 3.7 | L | th/mm3 | 4.3-10.3 | AUTO | |
| 11 | RBC | 4.99 | | mi/mm3 | 4.40-6.00 | AUTO | |
| 12 | HGB | 16.2 | | g/dL | 14.0-18.0 | AUTO | |

Key Advantages:

- ✓ Increases productivity, improves patient safety and decreases turnaround times!
- ✓ Provides standardization for results validation/verification and simplifies staff training
- ✓ Directly integrates with the Meditech LIS
- ✓ Includes complete on-line documentation of all rules
- ✓ Helps laboratories readily produce calc hook validation reports for training & CAP inspections

Calcwise Labkit was created by Dr. Bill Wise, former Chair of Pathology at Newton-Wellesley Hospital. Dr. Wise now supports and expands the capabilities of Calcwise, and is also currently on the active staff of the Department of Pathology at the Caritas Good Samaritan Medical Center in Brockton, MA. For more information on **Calcwise Labkit** or any other Iatric Systems products or services, please contact us using the information below.