### TITLE: Resulting the Urinalysis Using the LIS

**PRINCIPLE:**The Iris iQ200/Arkray AX-4030 and Cobas u411 urinalysis analyzers are both interfaced with the Laboratory Information System (LIS); SOFT. It functions as a unidirectional interface, so demographic information and orders do not get sent by the LIS to the analyzer; only results are sent from the analyzer to the LIS. The person performing the test must then match up the results with the patient’s specimen using either “Instrument Menus or “Resulting Worklist”.

**PERSONNEL:**

Medical Technologists

**STEPWISE PROCEDURES:**

**To enter results for the iQ200/AX-4030:**

1. Perform the Urinalysis according to the procedure

2. After the results have been reviewed and re-classified if necessary on the Iris, click “Accept”. This will send the results into SOFT

3. The results will need to be reviewed and verified in “Instrument Menu”.

4. Choose MIRIS (Iris workcell 1500)- Double click to open Loadlist screen.

5. Any changes can be made in “Instrument Menu” or in “Resulting Worklist”.

6. Comments and/or Canned Messages can be added here by clicking on the appropriate icon.

6. “Post All” will finalize the Urinalysis.

To Enter Results for the Cobas u411

1. Perform the urinalysis dipstick, using the current Urinalysis Department procedure.
2. Shortly after the results print on the Cobas u411 tape, they will be sent to the LIS

3. Enter the whole accession number in “Instrument Menu” or in ‘Resulting Worklist”.

4. Choose MU411 ID (Roche u411)- Double click to open Loadlist screen.

5. Review the results and edit if necessary. Comments and/or Canned Messages can be added here by clicking on the appropriate icon.

* Following the Rules for Urine Microscopics, and looking at your flagged parameters, you can click on ‘Post All Tests” in the middle of the screen. The question “Do you want to verify tests with posting?”will appear. Answer “yes”. A √ mark is placed next to the done sample in the loadlist. Then go to the loadlist and click on the next sample. If your specimen meets the requirements for a microscopic, a notification box will appear on the screen. Click on the file icon. The worklist menu appears, click on the Urine Template. The result fields for the microscopic appear.
* The parameters that are to be answered in the microscopic are: UWBC, URBC, UEPI, AMORPH, UMUC, UBAC
* Review your results and verify when you are done.

NOTE: Urine Microscopics can also be done under the ‘Resulting Worklist’ function, template ‘Urinalysis MLAB Template’

Reference: SCC Soft Computer Company

Clearwater, Florida

S:Laboratory P&P/Urianlysis/4840-UA-23/ch