|	TITLE: **QUANTA Link® 3.0 Operating Procedure**	**DEPT OF LAB MEDICINE** Immunology, Flow Cytometry, and Molecular Diagnostics Laboratories Policy and Procedure Manual
YALE-NEW HAVEN HOSPITAL		**DOCUMENT # IMM 209**
		Page 1 of 6
WRITTEN BY: Jimmy DeBevoise	**EFFECTIVE DATE:**	**REVISION:** New

| | | | **SUPERCEDES:** |

I. INTRODUCTION:

1. Product Description and Intended Use

QUANTALink is a middleware software intended to control data exchange between the QUANTA-Lyser, NOVA View and BIO-FLASH instruments in the Clinical Immunology lab and SoftLab (LIS). The Quantalink Software provides bidirectional transfer of Soft number and pending test requests. Selection of test request is done through manual imports (e.g. QUANTA-Lyser) or automatic downloads (e.g. BIO-FLASH).
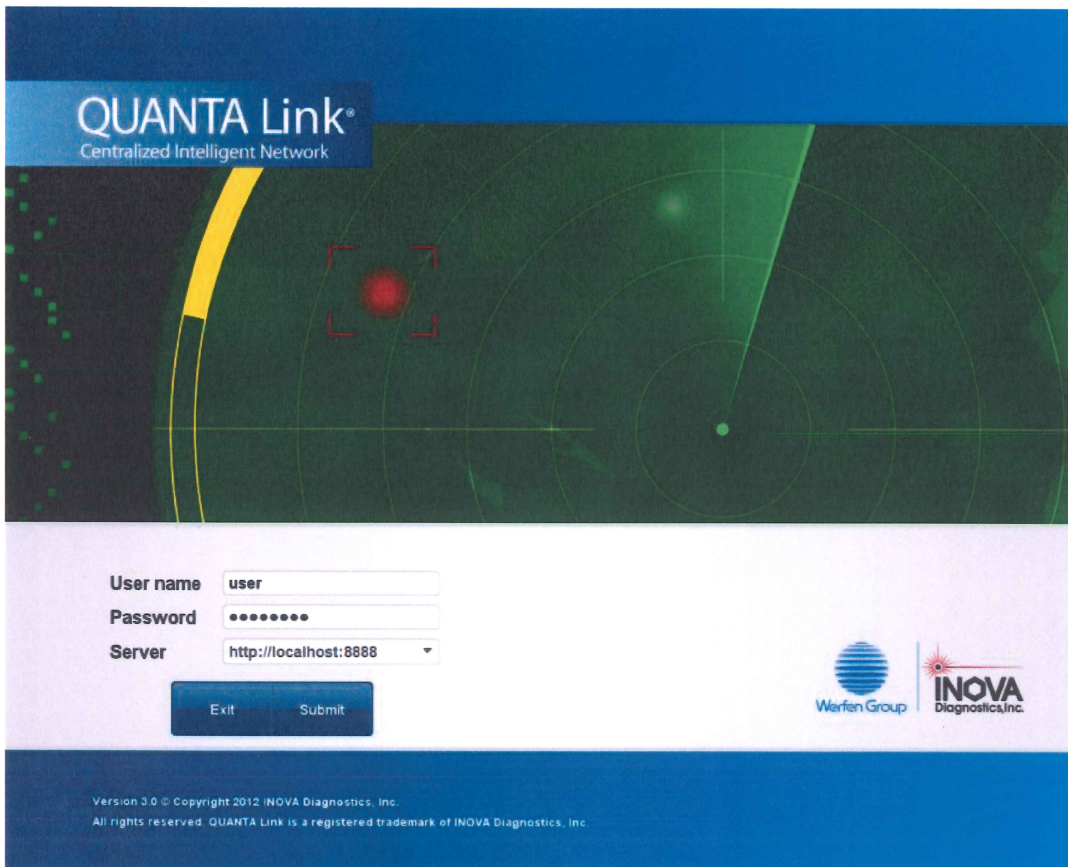
Figure A. Software Configuration Scheme

SoftLab (LIS)

QUANTA Link Workstation (Lenovo PC)

QUANTA-Lyser
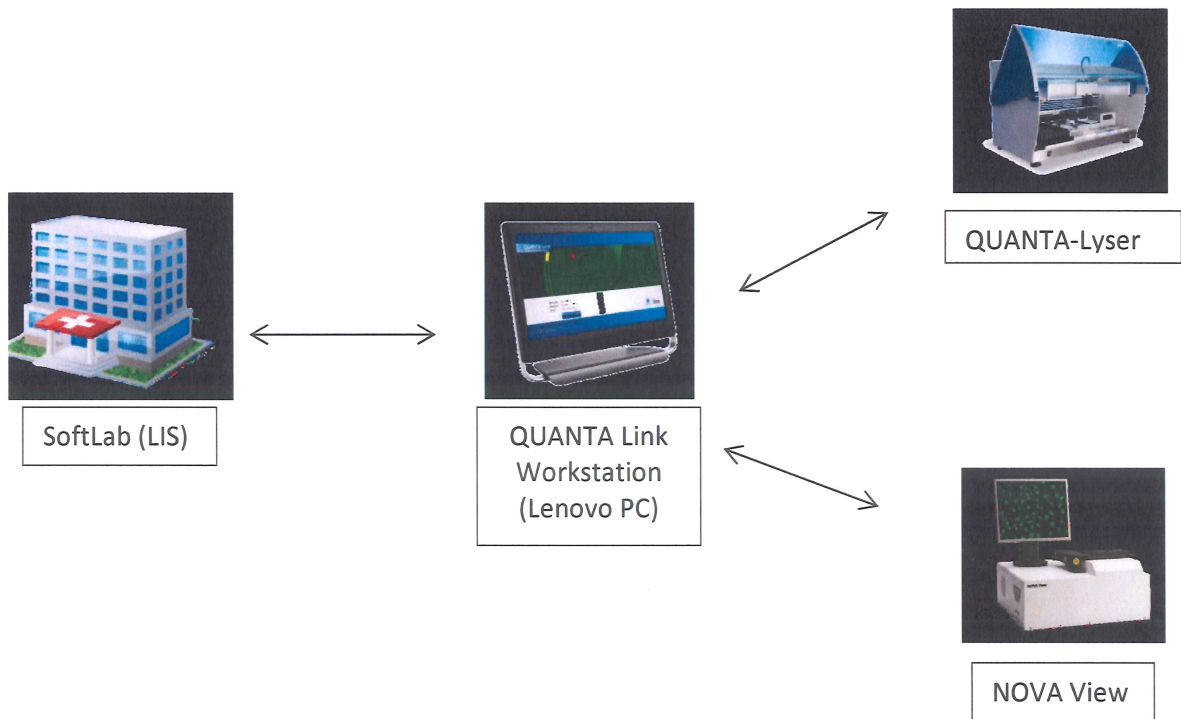
NOVA View

- Special client software dubbed 'MultiOnline' allows QUANTA Link to connect with other systems, i.e. host computers and instruments.

- Current connections include:

    - ✓ SoftLab connection

    - ✓ QUANTA-Lyser

    - ✓ NOVA View

    - ✓ BioFlash

II. Overview of User Interface

1. QUANTA Link log-in

A User name and Password are needed to enter program. Login information is required to confirm results and will print on reports.

2. QUANTA Link Functional Areas

| Dashboard | IFA | EIA | CIA | Atlas |

- Dashboard is a summary of all test methods from all instruments

- IFA is a summary of IFA tests from NOVA View

- EIA is a summary of EIA, i.e. ELISA tests, from QUANTA-Lyser

- CIA is a summary of chemiluminescent tests from BioFlash

- Atlas is a summary of archived IFA images
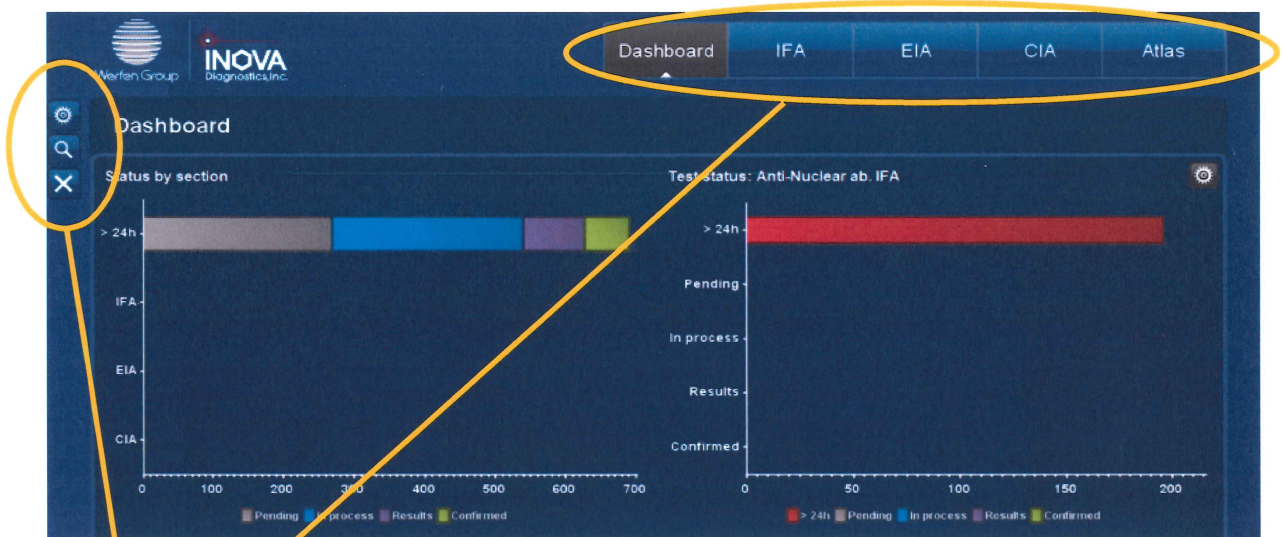
From Home screen, the navigation buttons for functional areas are in upper right of screen. Three buttons for actions common to all screens are **Setup**, **Search** and **Exit**. These are located on the top left of screen.

❖ QUANTA Link interface is accessible from QUANTA-Lyser and Bio-Flash workstations. Due to this, there is no need for user to access the main QUANTA Link workstation (Lenovo PC). Main workstation should only be accessed by designated personnel.

3. Legend

A color code is used throughout application to identify test status. Those colors along with respective test status are represented in Legend.
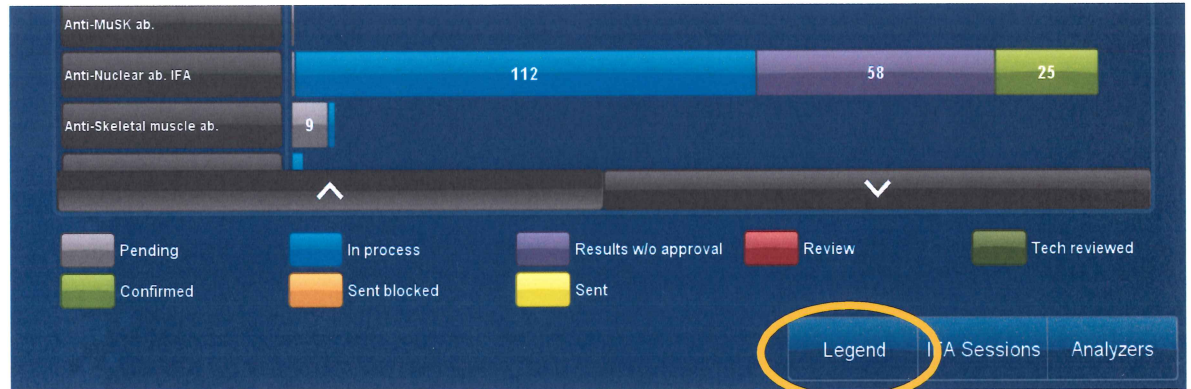
Test Status

Pending = Orders are pending and have no result

Results w/o approval = Result is available for confirmation

Confirmed = EIA results confirmed by operator through

       QUANTA Link (automatically sent to LIS)

Sent = CIA results approved in Bio-Flash and transmitted to LIS

III. Instructions on use of QUANTA Link for result verification in LIS

A. Bio-Flash

1. See Bio-Flash instrument procedure or individual test procedures for clarification on test result approval in Bio-Flash program.

2. The Bio-Flash is set up for one-step approval and verification with SoftLab (LIS). The operator is not required to use QUANTA Link. When result is approved in Bio-Flash, it is sent to QUANTA Link, where it is confirmed automatically and sent to SoftLab (LIS). Once received by LIS, the results are autoverified.

B. QUANTA-Lyser

1. Review EIA report for QC and CV acceptability. Enter QC results in L Drive.

2. Refer to any QUANTA-Lyser assay protocol on how to export results from an EIA plate to QUANTA Link.

2. From QUANTA-Lyser workstation, click Start button in the bottom left. Click on QUANTA Link program icon

3. Log into QUANTA Link with hospital network ID and password.

4. Click on EIA button in upper right of home screen.

5. Make sure Tests button is selected at bottom left of screen. The Worklists option

is not used.

6. All EIA assays are displayed at left. Results exported from QUANTA-Lyser have a color status of purple. Click on purple status box for test to be verified.

7. Each lab order number that is part of current run should be displayed. To confirm each result, click on the order number, followed by the **status** button at left of result. Click Confirmed. Result is transmitted to SoftLab (LIS) and autoverified.
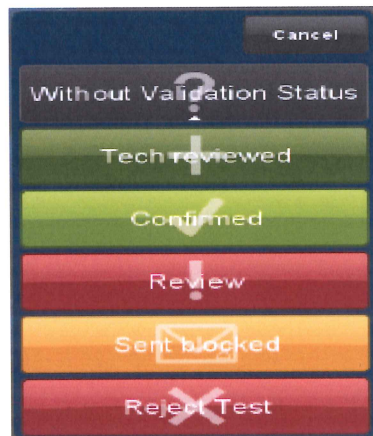
IV. Building loadlist in SoftLab if QUANTA Link is down

1. In event QUANTA Link is disabled or SoftLab (LIS) is experiencing a downtime, it may be necessary to download tests to QUANTA Link through a loadlist.

2. Once it is established that QUANTA Link and SoftLab have returned to normal functionality, access the MQUAL instrument (from Instrument Menu) in LIS.

3. Click on Loadlist in top menu, then Build.

4. Change "Number of days to include:" to 10

5. Click More, then OK.

6. Acknowledge number of tests that has been added to loadlist by clicking OK.

7. Click on Loadlist again, then Download All.

8. Change "How to Download:" to By Order

9. Change "Starting From:" to 10 days ago.

10. Click OK.

V. Appendix

209	QUANTA Link® 3.0 Operating Procedure
209A	QUANTA Link Training Checklist

VI. References

1. QUANTA Link® 3.0 Operators Manual Copyright © 2012 INOVA Diagnostics, INC.

QUANTA Link Training Checklist
Doc # IMM209A
Initial ☐ 6 Months ☐

YES/NO

1. Has a login ID and password available. _____

2. Knows which analyzer goes with a specific method. _____

3. Can access Legend to identify color and status info. _____

4. Knows which status options are available for result handling. _____

4. For EIA method, understands role of QUANTA Link in result verification process and has successfully released results to LIS.

_____

5. For CIA method, understands role of QUANTA Link in result verification process and has successfully released results to LIS.

_____

6. Can build a loadlist in LIS and download orders to QUANTA Link in or following a computer problem.

_____

Procedure Checklist

Procedure	Read Procedure Yes/No	Performed Yes/No – Date
QUANTA Link® 3.0 Operating Procedure	_____	_____

Training Completed _____

Signature _____ Verified By _____
       Learning Technologist   Teaching Technologist

Signature Approval for Annual Review
Name: QUANTA Link® 3.0 Operating Procedure

Document #: IMM 209

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May 16,2013

Name (Print)	Title	Signature	Date of Review	Revision Page and Section # (Use Procedure Review Log to document staff review)	Issue Date for Training if Applicable	Effective Date for Use
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BRIAN SMITH	LAB DIRECTOR	Br	5/16/13	NEW		5/16/2013