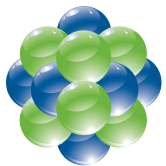




HistoTrac Core Software



HistoTrac
AUTOMATING YOUR LABORATORY

The HistoTrac Core Software is all you need to manage your laboratory. Handle samples and orders on patients and donors from test request through reporting of results. Look up patient demographics and test history. Create a billing invoice. Calculate TAT. Print reports for your clients. Reply to information requests using the query tool. Look up patient test results and associated data — all in the same database!

Key Features — Core Software

- Patient and donor database
- Patient/Donor case building with haplotype alignment and mismatch feature
- Sample registration
- DNA extraction history with worksheet
- Sample inventory
- Unacceptable sample flag for QA purposes
- Test ordering — for charge or no charge
- Work flow management with TAT and overdue test calculator
- Multi-level test review
- Ad hoc query tool
- Billing — invoice or delimited text file
- Client-directed and work management reports

Patient Database

The Patient Record displays all the patient's demographics, test history, related and unrelated case relationships, sensitizing events, sample history, and antibody specificities. See it all together! And quickly retrieve the patient of interest using a search tool.

Key Features

- View the person's demographics and testing history all from the same screen.
- Create case relationships with related or unrelated donors.
- List all sensitizing events.
- View Sample and DNA histories with inventory locations.
- Track Unacceptable Antibody Specificities.
- View Audit History for data changes.
- Select and open official reports for each patient that have been stored as .pdf files.

Sample Management

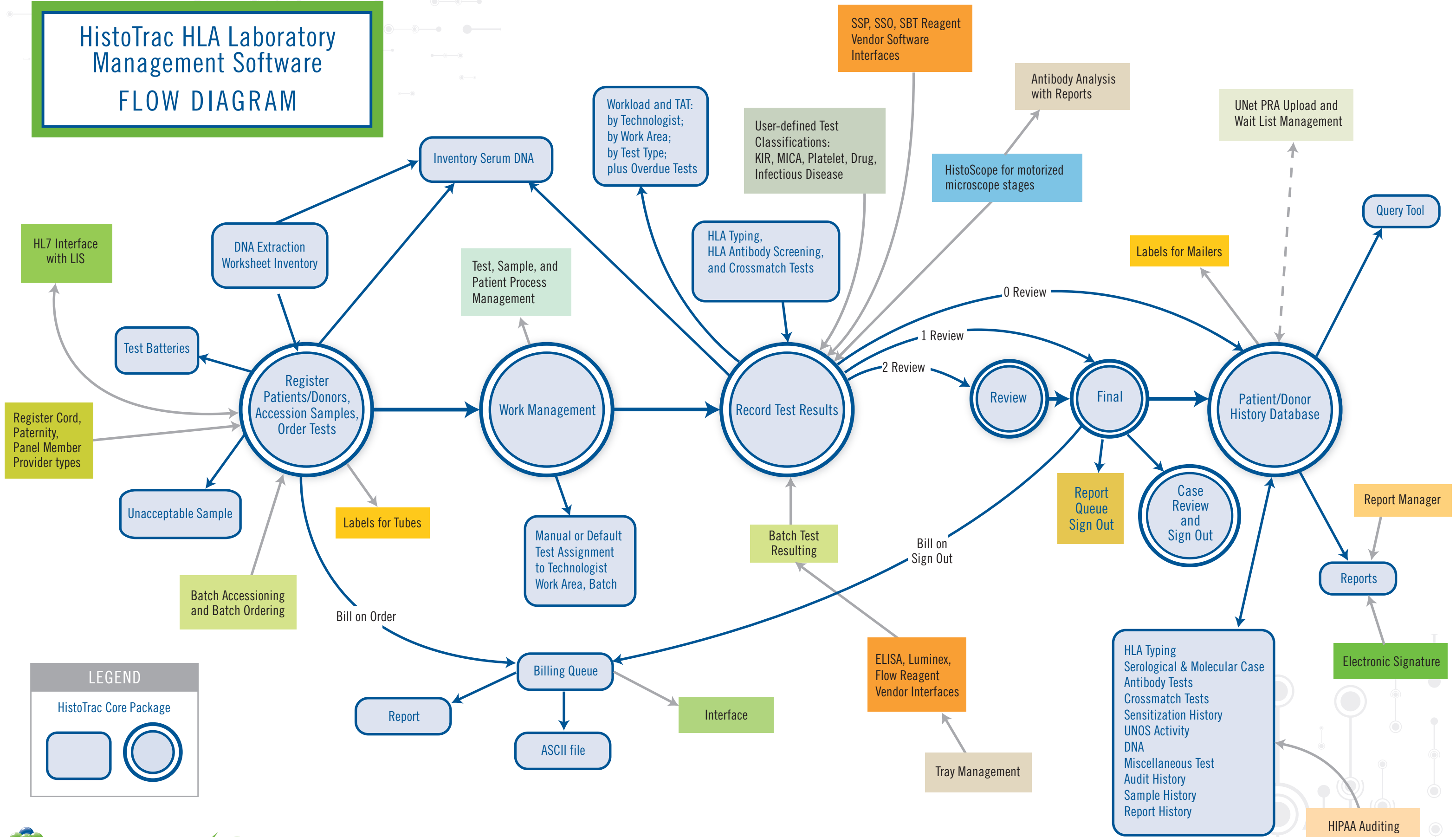
Sample Registration has never been easier. Throw away those paper log books. Design multiple log books. Flag samples for DNA Extraction. Register new patients during sample accessioning. Order user-defined tests and fees. Use the 'Save and Add' feature to speed the accessioning process.

Key Features

- Display sample history using customizable log book.
- Auto-generate accession numbers and patient ID's.
- Order tests and prioritize completion.
- Place samples into inventory.
- Print DNA Extraction worksheet.
- Track and report unacceptable samples.
- Look for sample entries with predefined searches.

HistoTrac HLA Laboratory Management Software

FLOW DIAGRAM



LEGEND

HistoTrac Core Package

Workflow Management

Work Management is quick and easy. No test is left undone. Tests follow a review cycle until signed out. The system lets you know where each test is along the route to completion. Use paper reports or just view test lists on the HistoTrac screen.

Key Features

- Assign all ordered tests to testing benches and to individuals.
- View only those tests that are relevant to your bench assignment(s).
- Print worklists for use at the bench.
- Following results entry, move tests through a review cycle until signed out.
- Calculate TAT and use the Due Date to meet your TAT goals.
- Tally testing volumes for a date range.

Ad Hoc Query

The Ad Hoc Query Tool is a powerful database search tool. Use the tool to report Patient, Sample, and Test statistics. Ask any question from any table in the HistoTrac database and GET the ANSWER!!

Key Features

- Use the simple, yet sophisticated, query building tool.
- Ask questions about patient subsets, based on category, physician, status, diagnosis, etc.
- Select sample statistics for administrative reports.
- Execute the same query time after time, maybe for a different date range.
- Export these data in text files to another database or to a spreadsheet.

Data Dictionaries and System Parameters

Administration is the menu of the software that puts you in control of the database. Table set up is organized under Patient, Sample, Test, Security and Report Dictionaries. Fill the tables with choices that will be available in all the drop-down fields throughout the software. Set system parameters that provide options for your workflow needs.

Billing

The Billing functionality offers total flexibility. Bill tests on order, on completion, on sign out, or on reporting. Send billing files on paper or electronically. Include all the information needed to bill each client.

Key Features

- All tests ordered for 'charge' will move to the billing queue at a time that is based on user-selected setting.
- Use Templates for each client to group tests into billing batches.
- Print a billing report (invoice) or export a delimited file.
- Include the specific data fields that your clients need.
- View billing history at any time without keeping a paper file.

Reporting

Reports are generated using the leading report-writing software, Crystal Reports. The official reports are designed to your specifications and contain all the fields required by certifying agencies. AND they look nice! Internal reports help you get your work done more efficiently. The list of reports is extensive!!

Key Features

- Use the correct report whether you do serological or molecular typing (or both).
- Report the patient and/or donor with relationships.
- Print an antibody report with screening results or specificity details — regardless of the methods used for testing.
- Use summary reports with interpretative remarks.
- Create .pdf files of all patient reports.
- View .pdf reports, previously printed, from the patient record.