

Features

LimsDx



Your *companion* in Lab Information Management

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Work Order Entry

- Single screen work order entry.
- Covers Patient Demographics, Contact Information, Ordering Physician Information, Insurance Information, Tests selected, Sample Collection and CPT Codes.
- Option to search for repeat patients to maintain a single medical record over time for every patient.
- Flexibility in selecting tests using Test Code, Test Group or by actual Test Name.
- Auto-generation of required samples once test selected, acts as a reminder and also can accept sample bar-code numbers/generate them.

Accession and Aliquots

- Sample types autolinked to tests for quick retrieval and update.
- Auto-accessioning process for efficient lab work flow.
- Rejection with reason to maintain complete information on rejected samples.
- Division of single samples into aliquots for multiple tests and tracking of each aliquot created.
- Easy search options to locate Samples by date, test name, barcode id and ordering physician.
- Tracking samples by bar-code for quick and accurate call-ups.

Result Entry

- Result entry screen captures Sample Collection date and time, Report completion date and time, Lab In-Charge, Doctors Signature, Doctors comments, interpretation and findings, Technology used in conducting the test and the actual test results in discrete formats.
- The Result entry screen is laid out a systematic and easy to us understand format.
- Navigations options to and from the result entry page minimize time usage in traversal from one patient to another.
- Easy search options to locate Test by date, test name, barcode id and ordering physician.

Report Email/Print

- Report printing can be done using a simple screen, with selection of report print format possible.
- Option to print multiple reports on a single page.
- Report delivery and print tracking also enabled inside the package to know status of the same.
- Email option to email report directly to patient/ordering physician, attached as a pdf created by the system. Option to create message templates for quick use.
- Easy search options to locate Report by date, test name, barcode id and ordering physician.

Ordering Physician

- Create a database of ordering physician for quick call-up during entry.
- Give Ordering Physicians access to enter work orders, see report status and print reports directly once completed.
- Connect Ordering Physicians to one or many Medical Practices.
- Generate MIS based on Ordering Physician orders by Patient, Tests and Dates.
- Create and attach custom report designs and letterheads for each Ordering Physician/Practice.

Template Editor

- Template editor allows the user to create new tests and test reports on the fly.
- Ability to also edit test templates when required, editing of result entry format, reference ranges, default text in interpretation, comments, technology and notes possible.
- Option to define SMS template with auto value pick code for each template.
- Option to attach default debit of inventory stock on test completion instance.
- Flexible template editor gives complete control over table parameters, field parameters and formulae creation for a given field.



Report Designer

- Report designer allows you to create report formats which can be used while printing the reports.
- You can attach custom designed formats for specific Ordering physicians with their logo and letterhead.
- Formatting for the entire report can be done with accurately placed images, signature, result, letterhead and patient information.
- Parameter control of fonts, sizes, etc also can be edited for each element.
- Drag and drop feature makes it quick and easy to design a report format.
- Report designer allows you to save a template and export data as a JSON script.



Audit Trail

- Simple to use and understand Audit trail User Interface.
- Audit trail for every activity with a description captured along with user id and a date/time stamp.
- Filter options by word search, user, date range and activity type can be done to find required entry for auditing quickly.
- Export to excel option to export required audit trail table directly into excel of offline analysis.



MIS and Statistics

- Query database to know how many samples were done in given period by date range, gender, age group, test and other parameters.
- Easy to use interface ensure quick understanding in using the MIS screen.
- Output shown as a graph along with supporting data.
- Other auto-generated reports in the system include - pending workorders list, pending cash payments list, ordering physician statistics.



Inventory

- Create 2 level product structures - > product type and brand.
- Linkage creation between test and inventory to debit made possible for quick and live debiting of stock as and when used.
- Stock below limit alerts via email and SMS possible.
- Complete inventory workflow from issuing purchase order to consumption reports tracked by the inventory module.



Accounts and CPT codes

- Attach CPT codes to each test, edit current code list from a master manager.
- Cash Invoicing and Payment receipt can be done for each work order if required.
- Cash Ledger maintained for payments done by cash, cheque or credit cards.
- Pending Payment list can be generated for invoices between any 2 dates.
- Options to enter payments done by the lab and hence maintain a complete ledger of accounts.



Alerts

- Automatic SMS and Email alerts can be set for patients and ordering physicians on various triggers like sample rejection added
- Options to manually send SMS and Email alerts to patients/ordering physicians from the LIMS package on creation of work order, sample rejection, report completion, report delivery.
- Automatic SMS and Email alerts can be set for staff on various triggers like stock below limit.
- Alerts module provides option to staff to add an alert for another staff member to complete some task/activity.



User Management

- Add Staff of the Lab into the LIMS and maintain a database of employees.
- Create user access credentials for employees created.
- User login and password rules as per the HIPAA and 21 CFR part 11 guidelines
- Easy to use user access control module which allows you to give module and page level access for given user types.
- Fixed IP access rights and access configuration.



- Form chain of custody flows, and decide what actions are tracked for each sample.
- Audit trails to track each action performed by date and time by various users on same sample.
- Create on the fly Chain of Custody reports between various date ranges and sample codes.
- Second level filter options by time and users also available.
- Option to export chain of custody table data into excel and also print.