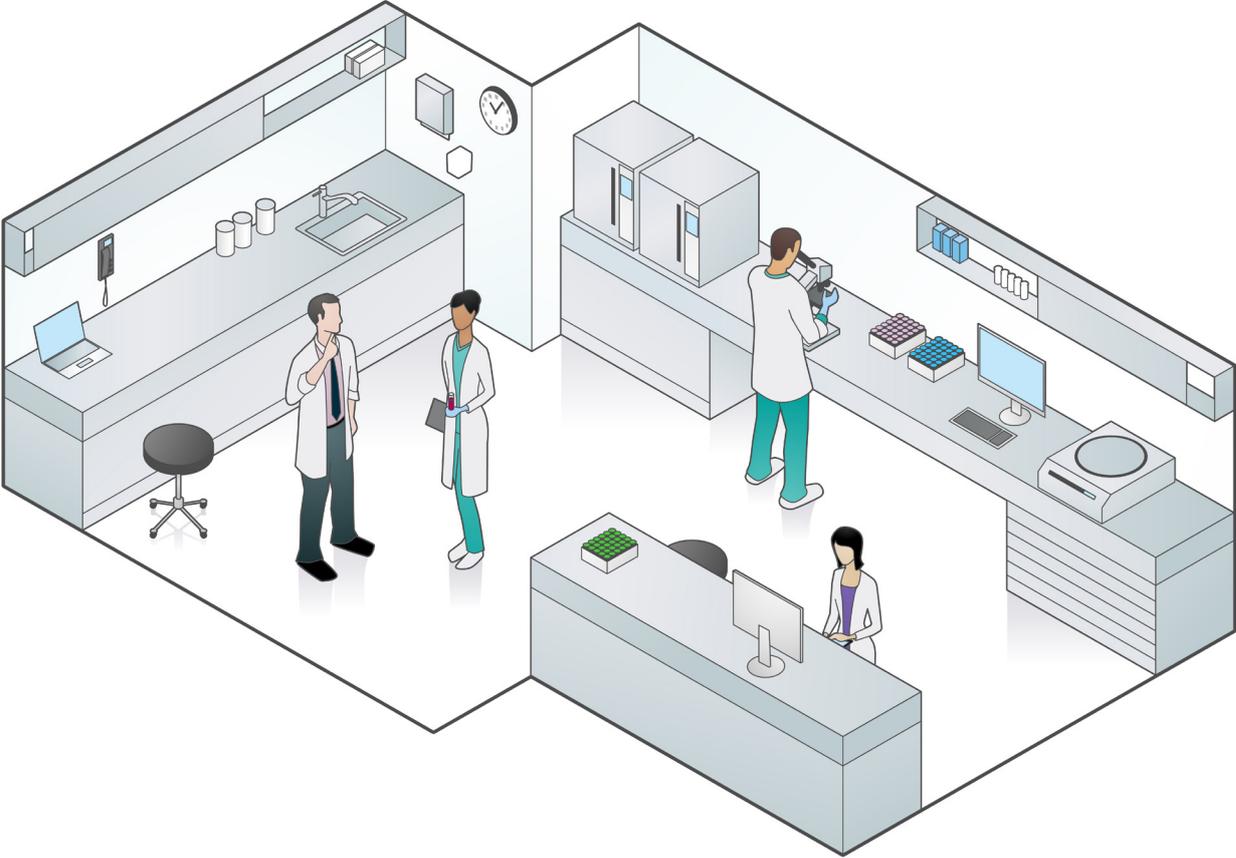LIS Module

HCLAB AP

Transform your anatomical
pathology laboratory

HCLAB AP is a specialised module of the HCLAB LIS designed to manage the detailed workflow of the anatomical pathology laboratory. This solution enables histology labs to move from a paper-based process to a fully electronic system.

As well as supporting each step in the slide preparation process within the laboratory, HCLAB AP offers a comprehensive reporting module so pathologists can create sophisticated reports for each patient case. Laboratory managers benefit from advanced tools to monitor statistics and turnaround times.

The rich feature set of HCLAB AP enhances laboratory workflow and delivery of reports to clinicians, ultimately improving patient diagnosis and treatment plans.
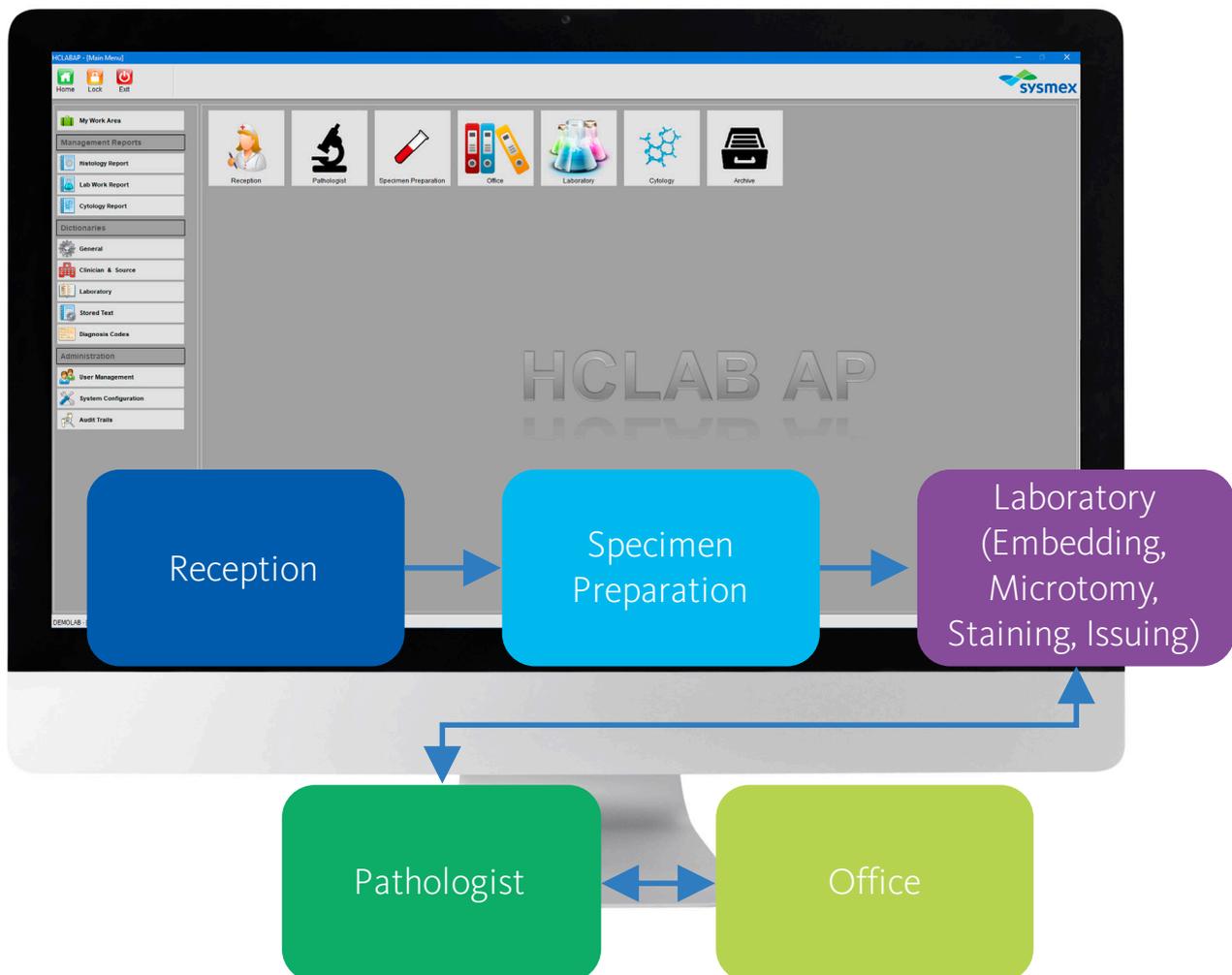
Multiple Work Areas

HCLAB AP provides dedicated work areas to manage each stage of the AP workflow from specimen reception, through the laboratory to reporting.

The user interface design is intuitive to navigate and features rich functionality for all laboratory staff and pathologists.

HCLAB AP enables information to flow more efficiently from one stage to the next, supporting the lab with the following benefits:

- Maximises staff efficiency and laboratory resources
- Allows easy monitoring of the status of a request as it moves through the system
- Creates a paperless laboratory environment

Reception

HCLAB AP Reception facilitates fast, accurate capture of all required details for a request through an interactive registration form.

Reception staff are guided to capture all necessary information benefitting from pre-defined request types which determine the process type and workflow through the lab.
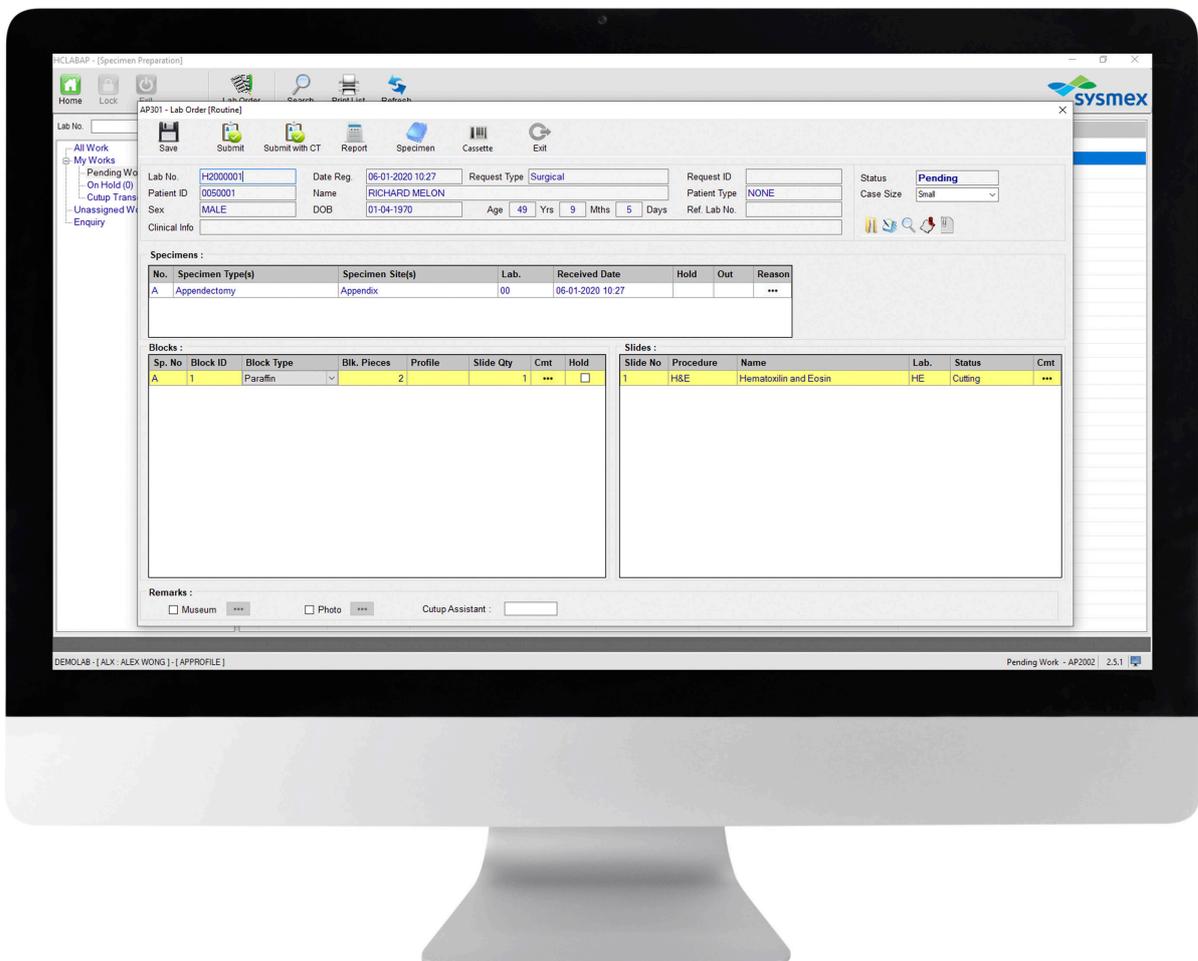
HCLAB AP supports easy assignment of pathologists and generation of specimen pot labels on demand.

Specimen Preparation and Laboratory

Work performed in the laboratory is key to creating high quality slides for the pathologist and ensuring each block and slide is fully traceable to the original specimen for each patient case.

HCLAB AP records and manages all information for the lab work performed making tasks for laboratory technicians and scientists streamlined and efficient.

Features such as the ability to generate worklists, print cassette and slide labels, plus easily manage locations of specimens, blocks and slides support the lab team at every step; reducing manual and paper-based processes.
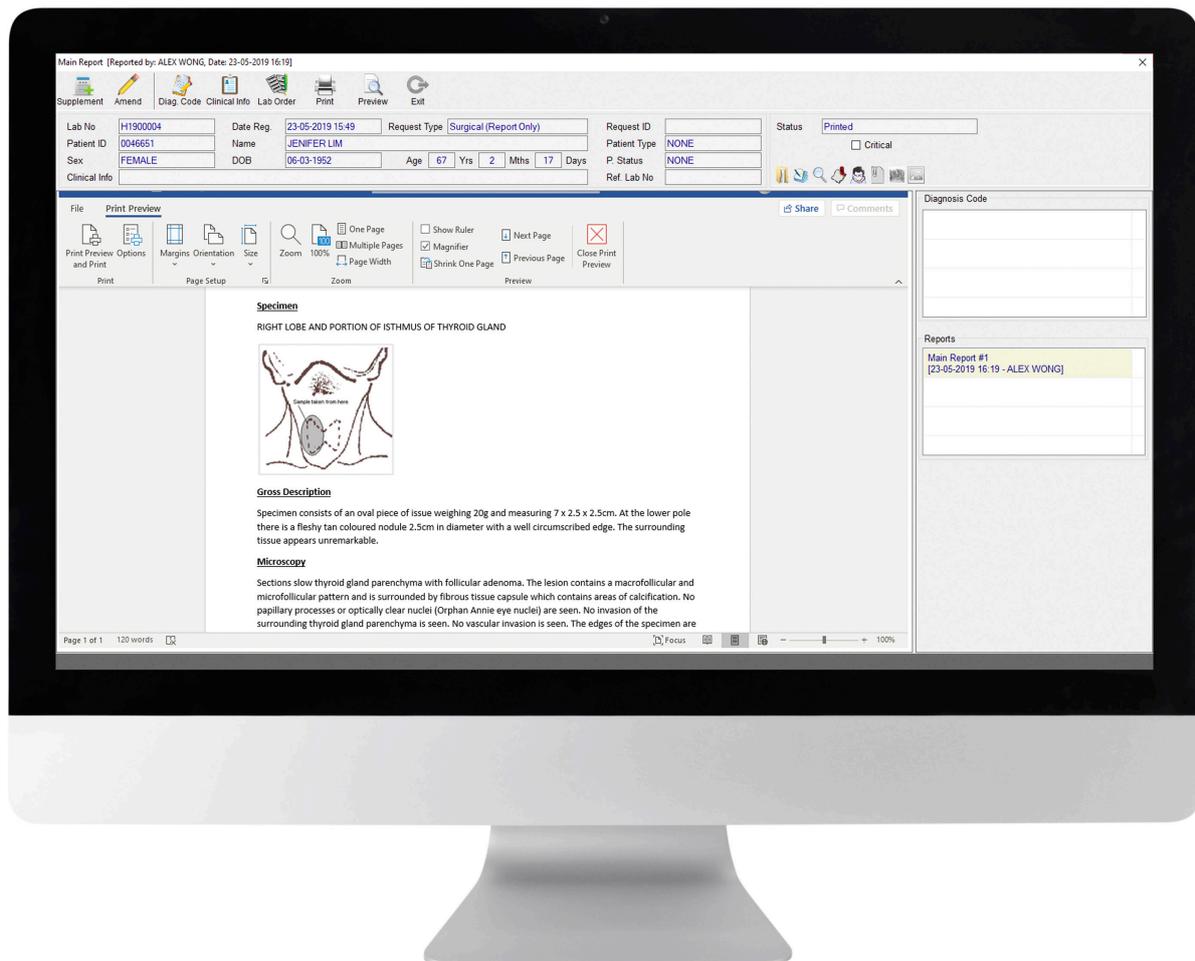
HCLAB AP simplifies tasks
for laboratory technicians
and scientists - workflow is
streamlined and efficient

Pathologist Reporting

Pathologists benefit from a range of tools in HCLAB AP that assist in managing their workload and writing of reports for each patient case. At a glance, worklists provide information on assigned cases; helping pathologists prioritise their daily work.

Key features of the reporting user interface include:

- Full word processor capabilities - choose from MS Word formatting or HTML formatting
- Rapid result entry with recall of user-defined templates, multiple choice text, codes and phrases
- Standard entry of diagostic codes, Bethesda, ICD9 and SNOMED
- The ability to include scanned images and diagrams
- One-click access to previous patient history, lab work in progress and full request information
- Access to an internal note pad for non-reportable comments
- Easy ordering of extra lab work
- Complete and sign the report in a single step or send to secretary (Office) for typing
- Referral to another pathologist for consultation
- Support for amended and supplementary reports

Additional Features

Enquiry	Extensive request search capabilities including free text search. Export to Excel and HTML.
Cytology	Workflow specific to gynae cytopathology screening, review and reporting. Includes QC summary reports.
Report Delivery	Supports user-defined report page styles. Delivery options via paper and HL7 or TCP to external systems.
Management Reports	Multiple tools for advanced management and statistical reporting: • turnaround time reports • pathologist worklist • workload summary reports per specimen type / site; block workload per type / lab unit; slide workload per lab unit / procedure • specimen rejection statistics
Access Control	Unique user codes and passwords, allocation to modules per user / group. All access and actions fully audited.

To learn more about how HCLAB AP can transform and streamline every stage of your anatomical pathology laboratory, please contact your local Sysmex HCLAB representative.