MEDITECH Expanse delivers integrated care which includes our Anatomical Pathology solution as part of our full web-based EHR. Our Anatomical Pathology solution automates the data handling needs of the pathology and cytology departments with advanced features for recording, storing, coding, searching, and reporting pathology cases for integration across the care continuum. Pathologists and their staff can utilize voice recognition, incorporate images into reports, sign out cases with ease via electronic signature, and search the Anatomical Pathology database to generate user-defined statistical reports. Anatomical Pathology is an integrated component of Expanse, MEDITECH’s full-scale web-based EHR designed to meet today's post-Meaningful Use era healthcare needs.

### Seamlessly Integrated Optimized Workflow

MEDITECH's unparalleled integration allows pathologists, cytologists and departmental personnel the ability to streamline departmental workflow from one flexible desktop. Based on their role in care management users have access to all information that is required to efficiently manage the pathology workload from specimen collection to final reporting. Information is organized according to user-defined worklists and customizable menus to provide an efficient and streamlined workflow for each individual user.

Desктопs include Data Processing, Patient Reports, Management Reports, Requisitions, and Specimens. Additional desktops are designed to meet the specialized needs of pathology and cytology personnel and include the following:

- **Pathologist Desktop:** Enables pathologists to manually or electronically enter findings and corrected results, sign out specimens, perform QA review, view messages, and print reports.
- **Pathology Desktop:** Allows technologists to enter requisitions and findings, sign out specimens, view messages, send slides, and view reports.

### Efficiently Enter and Process Specimens

Pathology and cytology staff can quickly enter specimens, which may include default values for procedures, tissues, blocks, levels, and data fields needed to capture detailed information on a case. The specimen processing routines allow staff to:

- Tailor requisitions to meet the needs of the department.
- Receive and process outreach pathology and cytology orders.
- Create user-defined data fields for collecting patients' clinical histories, surgical procedures, comments, and other details on the case.
- Perform duplicate order checking.
- View Radiology reports directly in the Anatomical Pathology application.
- Manage and track slides.
Capture Findings and Perform Coding

MEDITECH’s Anatomical Pathology solution provides flexible, intuitive findings entry with a variety of resulting routines, allowing staff to enter and or edit findings for individual cases or in batches. Related findings are readily available while entering case results. Pathology and cytology staff can:

- Enter case results with voice recognition or transcription tools, such as Dragon®, provided by Nuance.
- Utilize a single report template for editing with Microsoft Word or MEDITECH MEditor.
- Automatically code cases with SNOMED concept coding or user-defined coding schemes.
- Automatically add case markers based on terms, procedures, or diagnosis.
- Create User-defined and specific reporting templates and rules-based logic to determine fields and procedures based on case type.
- Incorporate Laboratory, Microbiology, and Blood Bank results directly into pathology cases.
- Create worklists, questionnaires, and logs to meet department-specific needs.

Electronically Annotate on Digital Images and Drawings

MEDITECH’s Anatomical Pathology solution provides the ability to incorporate annotated images into your pathology and cytology cases. Pathologists can acquire an image or drawing from a variety of sources and incorporate them into the patient’s case. Pathologists can electronically annotate directly on these images or drawings to provide immediate visual feedback of abnormal findings.

Easily Track and Manage Pathology Slides

Pathology and Cytology staff can create, send, and track pathology slides sent to recipients within your healthcare organization or to another healthcare organization. Pathology Slide routines enable your staff to:

- Identify the specimen, slide, recipient, and send-out/expected/return dates.
- View the pathology slide information.
- Generate and send slide reminder letters to recipients.
- Track slide activity, expectant returns, and overdue slides.

Electronically Sign Out Pathology Cases

Pathologists have the ability to pull cases based on specifically defined criteria. Multiple cases can then be reviewed and signed out which attaches a password-protected signature to finalize the document. Individual sign-out is also available in an electronic or manual mode. Sign-out routines allow staff:

- Review or edit findings before sign out.
- Sign out specimens as either preliminary or final signatures.
- Automatically add a digital copy of pathologist’s actual signature to a report following electronic signature.
- Sign out addenda.
- Perform QA through Quality Assurance Review routines and statistics.

Assess Pathology Findings through Search and Statistical Routines

MEDITECH’s Anatomical Pathology solution supports user-defined searches and statistical analysis of the Anatomical Pathology database. Users can search for tissues, words, prompts, procedures, markers, codes, queries, or SNOMED concepts.
Utilize Management Reports

Your organization also has access to a series of internal reports to help you maintain efficient laboratory operations. Pathology and cytology departments have considerable flexibility to create reports and determine customized formats. The solution also compiles specimen, turnaround time, transcription and workload statistics to analyze the total effort required to perform a test. Management reports include:

- Patient Master Log
- Marker reports
- Slides Read Report
- Diagnosis Report
- QA Statistics & Review Reports
- Outstanding Specimen Report
- Patient follow-up letters/reports
- Specimen/Workload statistics
- Turnaround time statistics
- Specimen Master Log
- Exceptions Report
- Correlation Report
- Transcription statistics.

Experience the Benefits of Integration

MEDITECH’s Anatomical Pathology solution is an integrated component of MEDITECH’s Laboratory Information System. Integration with MEDITECH’s Laboratory, Microbiology, and Blood Bank solutions allow pathologists to view lab results pertinent to the case and to integrate relevant LIS data into the report. In addition, MEDITECH’s Anatomical Pathology solution seamlessly exchanges information with other MEDITECH applications to promote a fully-integrated EHR. For example:

- Charge information is sent from Anatomical Pathology to MEDITECH’s Revenue Cycle solution.
- The solution includes integration for professional billing.
- Reports can be viewed in the patient’s Electronic Health Record.
- Clinicians can view annotated images and their descriptive diagnoses on reports.
- Imaging and Documentation Management reports can be viewed within an Anatomical Pathology case.
- Anatomical Pathology updates Order Management with the order status.

For more information, contact a MEDITECH Marketing Consultant.