SoftPathDx®

SoftPathDx—SCC Soft Computer's diagnostic anatomic pathology and cytology support system with integration to Digital Pathology Systems— provides the diagnostic laboratory with all the benefits of electronic record-keeping, rules-based decision making, and the consolidation of results from all laboratory departments. This robust information management system can help improve efficiency, reduce errors, and optimize diagnostic decision making.

SoftPathDx provides reliable data capture as well as a highly customizable and client-configurable reporting and workflow structure for both anatomic pathology labs, including histology, cytology, IHC and molecular pathology testing. Diverse imaging and reporting features support intuitive and personalized user interface screens. Seamless integration with SCC's Genetics Information Systems Suite® applications provides easy reflex ordering of tests in the Genetics Suite applications, such as reflex HPV tests to SoftMolecular® or chromosome analysis in SoftCytogenetics®, with final reporting in the Pathology Report.

SoftPathDx also enables users to share specimens between other labs such as biochemistry, flow cytometry, cytogenetics, and molecular. This allows for integrated resulting and the ability to track specimens throughout multiple labs. SoftPathDx empowers pathology teams to optimize workflows using site-specific protocols and rules, reducing turnaround times and managing patient data more effectively.

FEATURES AND BENEFITS

Feature: Auto reflex testing across technologies based on client-defined rules.
Benefit: Eliminates manual errors inherent in manual reflex ordering and reduces turnaround time of reflex tests.

Feature: Direct interfacing to staining machines.
Benefit: Provides users quick access to stainer status viewable in the system as well as documentation of staining runs for quality control trending.

Feature: Detailed specimen tracking, including remaining material information and detailed specimen tracking for shared specimens between labs.
Benefit: Reduces risk of misplaced or lost samples and supports reflex and add-on decisions based on remaining material knowledge.

Feature: SoftPathDx's comprehensive reporting capability allows multiple reports and results per patient and pathologist.
Benefit: This feature simplifies the complexities of diagnostic pathology by consolidating test results from various sources into a single patient's clinical history file. Access to a consolidated patient file throughout the life of the patient streamlines historical test results and report comparisons leading to more accurate and comprehensive reporting. This also enhances efficiency, thus increasing the quality of patient care through a faster diagnosis.

Feature: Flexible reporting with templates that can include text, complex data, and images. Reports can use canned messages and synoptic text with or without reporting rules and provide the ability to free-text within the report.
Benefit: Supports the client in providing accurate reports in an efficient manner that are easy to read and reference.

Feature: Customizable sample processing and workflows with specimen/test-specific action-driven protocols.
Benefit: Customizable sample processing allows specimen-and test-specific driven protocols to facilitate ordering and accessioning as well as processing workflows.
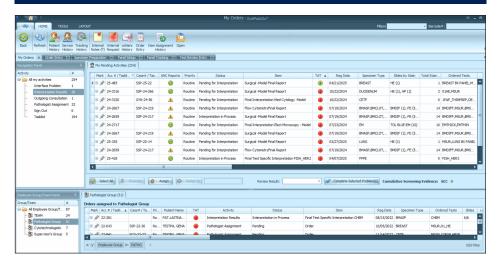
Feature: Easy-to-use imaging system.
Benefit: Imaging is accessible via SCC's SoftMedia® image management system, which enables users to add multiple images with defined attributes and categories. SoftMedia enables clinical personnel to attach stored documents or images to specific orders and other patient records, which eliminates the need for bulky paper files while providing a single source for all related patient information. The imaging system can also be used for consult samples (blocks or slides) to document materials received.

SAMPLE SCREENSHOTS
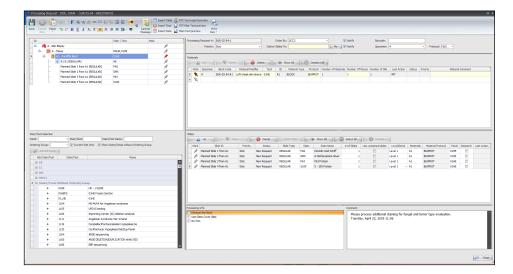
Pathologist Dashboard–"My Orders"

"My Orders" enables pathologists to review their workload and see the orders that have been assigned to them, including those which are not yet ready for interpretation. Orders pending for interpretation, intra-departmental consultation, pro-review, sign-out, and IOC correlation will display along with the number of orders that have qualified for each of these pending activities. Pathologists can see how many cases are pending under the Pathologist Assignment to allow them to plan ahead.

Pathologists also have the ability to assign their orders to other pathologists or pathologist groups. The window is customizable to meet requirements of data requested at-a-glance.

Processing Request

The Processing Request Entry tool empowers pathologists to submit detailed, case specific instructions with confidence and precision. Whether requesting additional stains, deeper levels, or confirmatory testing, the user can easily select the relevant materials and provide tailored directives with just a few simple clicks in the system.

Each Processing Request is linked to its corresponding specimen, eliminating miscommunication and assuring seamless collaboration between pathologists and laboratory teams. With built-in flexibility and real-time tracking, this essential tool streamlines case management – from specimen prep to final diagnostic reporting.

User-Defined Query

User-Defined Query enables users to create specific queries, and save and name these queries to their own folders within the User-Defined Query feature. User-Defined Queries can be created and displayed as a tabular display as well as a pivot table combined with charts and graphs. The window is completely customizable, and the reports can display different information based on the criteria defined. The pivot table allows users to manipulate the data that will be displayed on the chart/graph. For data that qualifies for Ad Hoc Query reports, users can also bridge to query to pull all data including completed reports for orders that qualify.

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