

# SoftPathDx®



SoftPathDx—SCC Soft Computer's diagnostic pathology support system—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 and cytology. A diverse imaging and reporting system allows a personalized setup. Seamless integration with SCC's Genetics Information Systems Suite applications provides easy reflex ordering of tests in the sister 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 also enables users to optimize workflow by focusing on site-specific protocols and rules to assist the technologists and pathologists in decreasing turnaround times and managing patient data.

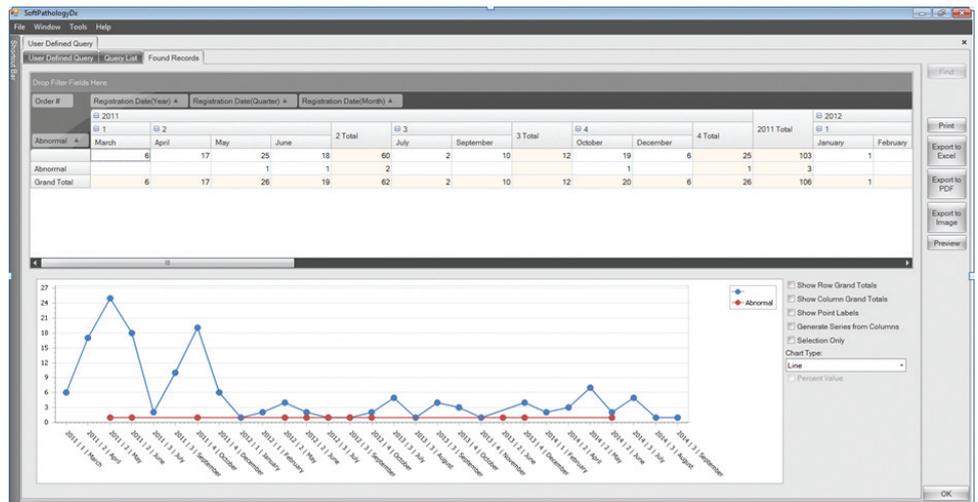
## FEATURES AND BENEFITS

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- 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
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- 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
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- 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
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- Feature:** SoftPathDx's test-specific 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.
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- 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 as well as the ability to free-text within the report.  
**Benefit:** Supports the client in providing accurate, easy-to-read and reference reports in an efficient manner
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- 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.
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- 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

### Cytology Interpretation Results Entry

From SoftPathDx Interpretation Results entry, screener evidence will be captured by the system either as a field of vision (for imager or slide reader) and/or as a full manual rescreen. Testing can be reflexed based on system rules. The status of the reflexed test is updated as well as the diagnosis. QA can be marked manually or based on system defined rules and can be assigned at time of interpretation/diagnosis. Diagnosis categories can be linked to risk factors and can define permission levels for sign out.



### Cytology Interpretation Resulting Features

SoftPathDx allows the user to define the diagnosis via a synoptic selection, canned message, and/or free text. Diagnosis categories can be defaulted based on the entered interpretation/diagnosis and can also drive permission levels for sign out. CAP checklist can be imported into the system.

The screenshot shows a list of pending activities and orders assigned to a user. The table includes columns for Mark, Order #/Tasklist #, Patient Name, Priority, TAT, Specimen Type, Ordered Tests, System Type, Status, and Active Internal Notes.

Mark	Order #/Tasklist #	Patient Name	Priority	TAT	Specimen Type	Ordered Tests	System Type	Status	Active Internal Notes
	SUR-14-4	First, Melissa	Routine		BREAST	HER2/HER3	Soft Pathology Dx	Pending for Sign Out	
	SUR-13-204	Spark, Melissa	Routine		BREAST	BHCP1	Soft Pathology Dx	Pending for Sign Out	
	SUR-13-180	Spark, Melissa	Routine		URIN	UROFISH/URD	Soft Pathology Dx	Pending for Sign Out	
	SUR-13-159	ABRAMS, MICKY	Routine		BREAST	HMEREV	Soft Pathology Dx	Pending for Sign Out	
	SUR-13-131	ABRAMS, VALERIE	Routine		COLEX	HMEREV	Soft Pathology Dx	Pending for Sign Out	
	MED-14-16	First, Melissa	Routine		ASCITES	PAPNGYN	Soft Pathology Dx	Pending for Sign Out	
	MED-14-14	Spark, Melissa	Routine		ASCITES	PAPNGYN	Soft Pathology Dx	Pending for Sign Out	
	MED-14-12	Spark, Nancy	Routine		FNA BREAST	PAPNGYN	Soft Pathology Dx	Pending for Sign Out	
	MED-13-10	Spark, Nancy	Routine		FNA LUNG	PAPNGYN	Soft Pathology Dx	Pending for Sign Out	
	MED-12-21	APPLE, ANNE	Routine		FNA LUNG	PAPNGYN	Soft Pathology Dx	Pending for Sign Out	
	GYN-14-38	ABRAMS, SANDY	Routine		CERVIX	HPV/PAPDX	Soft Pathology Dx	Pending for Sign Out	
	GYN-14-33	Riley, Melinda	Routine		CERVIX/DIAG	HPV/PAPDX	Soft Pathology Dx	Pending for Sign Out	

**Genetics Information Systems Suite™**  
**SoftFlowCytometry® • SoftMolecular® • SoftBiochemistry®**  
**SoftPathDx® • SoftCytogenetics® • SoftHLA®**  
**SoftIWS® • SoftGenePortal™**



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