



From Reagents to Results

Total Laboratory Solutions

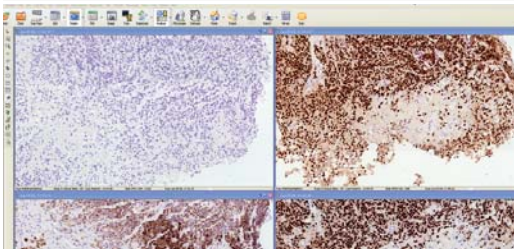
Living up to Life

Leica
MICROSYSTEMS

SlidePath

Creating virtual slides is only the beginning. How we manage and analyze these images and how we extract meaningful information from them present the real challenge faced by educators and researchers alike. SlidePath is the market leading provider of digital pathology software solutions and is committed to simplifying the way in which we share, manage and analyze virtual slides.

- Enterprise-level software solutions for web-enabled image management and distribution (Digital ImageHub)
- Enable integration of virtual slides into 3rd party LIMS / LIS (Digital ImageHub)
- High-throughput automated TMA and WSI analysis (Tissue IA, OpTMA)
- Real time virtual slide conferencing over the Internet (Conferencing)
- Supports FDA regulations surrounding electronic records (21CFR Part 11)
- Complete toolset for creating immersive educational material (Digital SlideBox)



Ariol on Leica DM6000 and SCN400 systems

Whether you prefer to use a traditional microscope or the high throughput Leica SCN400 Slide Scanner, the Ariol system provides

- A complete solution for analyzing and standardizing immunohistochemistry (IHC) and Fluorescent *in situ* Hybridization (FISH) tissue biomarkers
- Advanced analysis routines for coping with real demands of everyday tissue handling and staining
- Consistent reliable reporting of complex stains
- Accurate reproducible methods to report vital patient tests
- Most powerful and versatile solution for capturing, analyzing and reporting common tissue biomarkers

The Security and Reliability

Leica Microsystems is the only provider of Total Solutions



**Laboratory
Consumables**



**Digital Image
Archiving, Sharing
and Analysis**



**Microscopes
and Digital Microscopy**



**Staining/Coverslipping
Workstations**



**IHC and ISH
Advanced Staining**

**TOTAL
HISTO**

ity of a Single Provider

for the histology workflow

**Novocastra
Reagents**

HISTOLOGY



**Specimen
Identification**



Cryosectioning



**Tissue
Processing**



Embedding



Sectioning



**Routine Staining
and Coverslipping**



Leica BOND

Streamline your workflows and implement Lean Histology™ with continuous processing and full automation

- Simplify your setup with Leica BOND ready-to-use antibodies (no mixing, titration or dilution)
- Increase antibody efficiency with BOND's high-sensitivity Compact Polymer™ detection systems
- Expand your repertoire by utilizing the full range of Novocastra™ antibodies
- Eliminate repeats and enjoy first-time quality with the Covertile™ staining environment
- Get connected with a fully-featured LIS option
- Utilize the growing range of ISH probes



Leica SCN400 Slide Scanner

Improve the quality and efficiency of your workflows

- Leica SCN400 enables you to gather, manage, quantify, process, preserve and share all data efficiently in an integrated electronic format
- Collect and access digital information on your computer and allow information to be shared more quickly
- Access slide specimens and related data from any location in the world
- Faster more efficient laboratory workflow, physician communication, education, and research, whilst reducing on-going expense

Lean Histology



From improved quality, increased cost-effectiveness and faster delivery to better patient care, Lean Histology™ can help laboratories deal effectively with today's ever-increasing number of cases.

Today, laboratories need to achieve faster turn-around times and also maintain compliance to strict regulatory standards.

By understanding and adopting Lean principles, laboratories can now achieve more efficient workflows and produce higher quality slides more quickly than ever before.

What is Lean?

Lean, as it relates to the histology laboratory, is a set of principles that lays a foundation for increased quality, faster delivery, lower cost and more efficient processes. Leica Microsystems' Lean Histology™ Consulting Service creates a roadmap for laboratories to improve processes and efficiency. Along with an expert, in-person evaluation of the workflow and technical/application support where needed, Leica Microsystems' Lean Consultants provide a complete, customized solution for implementing Lean principles. Helping a laboratory to identify and apply the best combination of people, products and processes to improve performance and deliver faster results to the patient is the ultimate goal.

What does a workflow evaluation entail?

Implementing Lean Histology™ starts at accessioning and ends with a finished slide. Leica Microsystems' Lean Consultants apply a wide range of operational efficiency improvement tools, such as Value Stream Mapping and Variation Reduction, to identify and eliminate sources of waste in a laboratory.

As a long-time advocate of automation and safety, Leica Microsystems is devoted to providing high quality products and services that are foundational for the achievement of streamlined workflows, higher quality finished slides, and faster turn-around times. The Lean Histology™ Consulting Service from Leica Microsystems is the next step for histology laboratories to achieve efficient processes and continuous improvement in their workflows in order to deliver faster results to pathologists and provide better patient care.