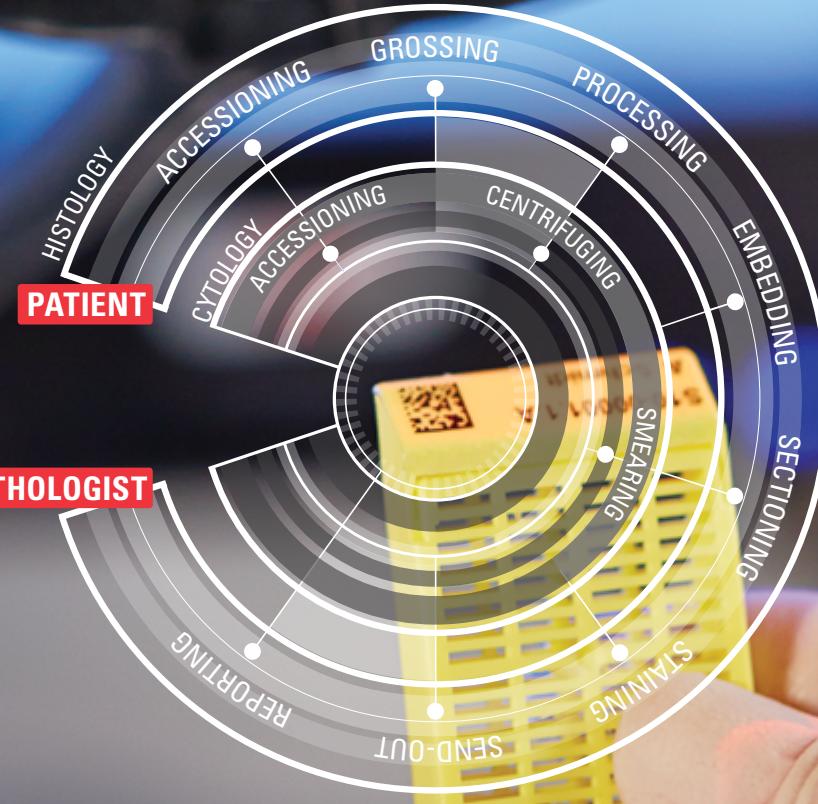


Advancing Cancer Diagnostics
Improving Lives

Leica
BIOSYSTEMS



CEREBRO

SPECIMEN TRACKING AND WORKFLOW MANAGEMENT

Patient Safety. Productivity. Flexibility.

Patient Safety

Protect their health

Don't let identification errors lead to patient harm. CEREBRO is a specimen tracking and workflow management system for all AP specimens implementing a documented chain of custody. Now, you can go home at the end of each day confident that every patient specimen will reach the pathologist for diagnosis as quickly as possible.



ID confirmed. All specimens accounted for. Every task complete.

With CEREBRO, scanning the item ID actively verifies case details. At each stage you confirm the link between the item and the patient, make sure no items are overlooked, and ensure tasks are correctly completed.

When quality and patient safety is paramount.

CEREBRO is an automated, standardized, lab management tool which cultivates adherence and accountability for critical processes in your specimen processing workflow.

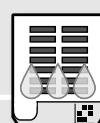
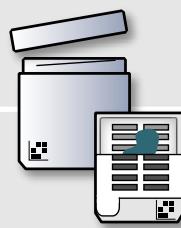
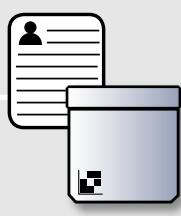
ACCESSIONING

GROSSING

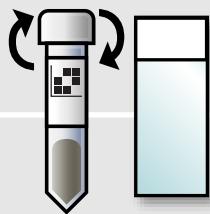
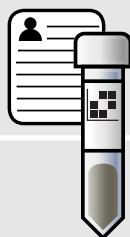
TISSUE PROCESSING

EMBEDDING

HISTOLOGY



CYTOTOLOGY



ACCESSIONING

CENTRIFUGING

Maintain specimen identity

to help meet guidelines from CAP, CLIA and ISO.

Leave nothing to chance,
full LIS connectivity keeps
everything in-sync.

Prevent read and transcription

errors thanks to high quality label
printing using Leica Biosystems printers.

Use your preferred patient ID.

Share it with existing instruments
and systems. Refer to the patient
using a single identifier.

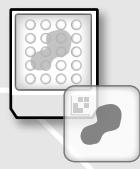
Facilitate proper tissue care using

specimen specific notes.

Use predefined or free text notes to pass-on
detailed instructions.



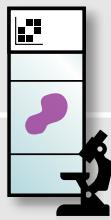
SECTIONING



STAINING



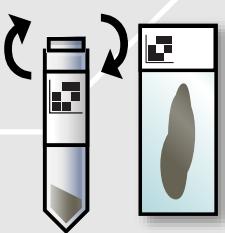
SEND-OUT



REPORTING



UNIVERSAL



SMEARING

Additional fixation
Decalcification
Frozen section
Specimen storage
Slide archival
Block archival
Tracking referred cases
Delivery to pathologist
Pathologist review
Queued work

Productivity

Improve the impact of your decisions - information at your finger tips

- » Support lab growth and control expenditures. CEREBRO provides real-time information to make data driven decisions about costs, resources and throughput.
- » Mistakes are costly. CEREBRO allows you to identify and correct errors when they occur before costs start to compound.
- » Maintaining a high quality and efficient operation is challenging. CEREBRO will help standardize your AP specimen processes and provide you data for continuous improvement.



CEREBRO's **real-time reports** display your greatest workflow needs.

Optimise your staff allocation.

The CEREBRO dashboard provides real-time performance updates to help you effectively allocate resources where they are most needed.

Finish more cases each day.

Automatic workflow-data collection and real-time reports help you to prioritize resources and increase throughput, whilst reducing costly overtime.



High quality printing using Leica Biosystems Printers **makes labeling fast and efficient** while eliminating a source of human error.

Advanced connectivity, wide compatibility and complete lab coverage **saves time by reducing repetitive data entry.**

Monitor the status of any specimen, anywhere, anytime.

Pinpoint where your specimen is immediately with CERE BRO's comprehensive audit trail.

Ask how one hospital saved

2800

hours a year*

Superior Flexibility

Don't Compromise

Give your lab a competitive advantage. CEREBRO offers first class adaptability and openness to support your growth.

- » Use your preferred instruments. CEREBRO can integrate with Leica Biosystems and non-Leica Biosystems instruments and IT systems.
- » Just because you have the same type of specimens, doesn't mean your lab works the same way as others labs. CEREBRO allows you to cover standard and non-standard workflows.



Designed with you in mind.

The CEREBRO interface has been designed specifically for the AP lab, featuring familiar iconography which allows easier dissemination of information.



One easy-to-learn system

Highly visual and intuitive interface is easy to understand and is powerfully productive.

CEREBRO is designed for touchscreen

use which eliminates the need for a mouse and keyboard – minimizing footprint. This allows easy placement in a crowded space such as a microtome or grossing station.

Adjusts to you

Flexible mounting options for Touch-screens adjust to each operator for ergonomic comfort, productivity and safety.

Flexible printing

Batch, on-demand or hybrid – it's your choice.



ACCESSIONING



GROSSING



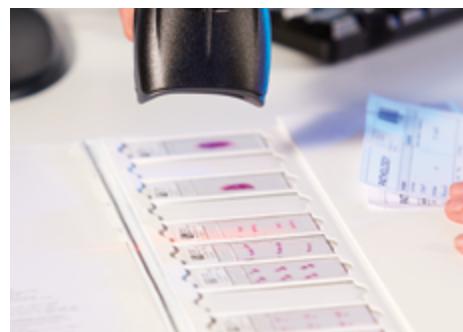
TISSUE PROCESSING



SECTIONING



STAINING



SEND-OUT

| STATIONS | |
|---------------------|----------------|
| HISTOLOGY | CYTOMY |
| » Accessioning | » Accessioning |
| » Grossing | » Centrifuge |
| » Tissue Processing | » Smearing |
| » Embedding | » Staining |
| » Sectioning | » Send-out |
| » Staining | » Reporting |
| » Send-out | » Universal |
| » Reporting | |
| » Universal | |

| PRINTING | |
|------------------------------------|--|
| ON-DEMAND OR BATCH | |
| » IP C Cassette Printer | |
| » IP S Slide Printer | |
| ON-DEMAND | |
| » PERMA S Slide Printer | |
| » Cognitive CXi Label Printer | |
| BARCODE SCANNERS | |
| » 2D imager, USB cable, with stand | |
| » 2D imager, wireless, with cradle | |

| TOUCHSCREEN | |
|-----------------------------------|--|
| » 17" Touchscreen PC | |
| » 12" Touchscreen PC | |
| MOUNTING OPTIONS | |
| » Desk, freestanding | |
| » Desk, flexible arm | |
| » Desk, flexible arm, dual screen | |
| » Wall, flexible arm | |

LEICA BIOSYSTEMS

Leica Biosystems (LeicaBiosystems.com) is a global leader in workflow solutions and automation, integrating each step in the workflow. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of "Advancing Cancer Diagnostics, Improving Lives" is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries and is headquartered in Nussloch, Germany.

Leica Biosystems – an international company with a strong network of worldwide customer services.

For detailed contact information on your nearest sales office or distributor please visit our website: LeicaBiosystems.com