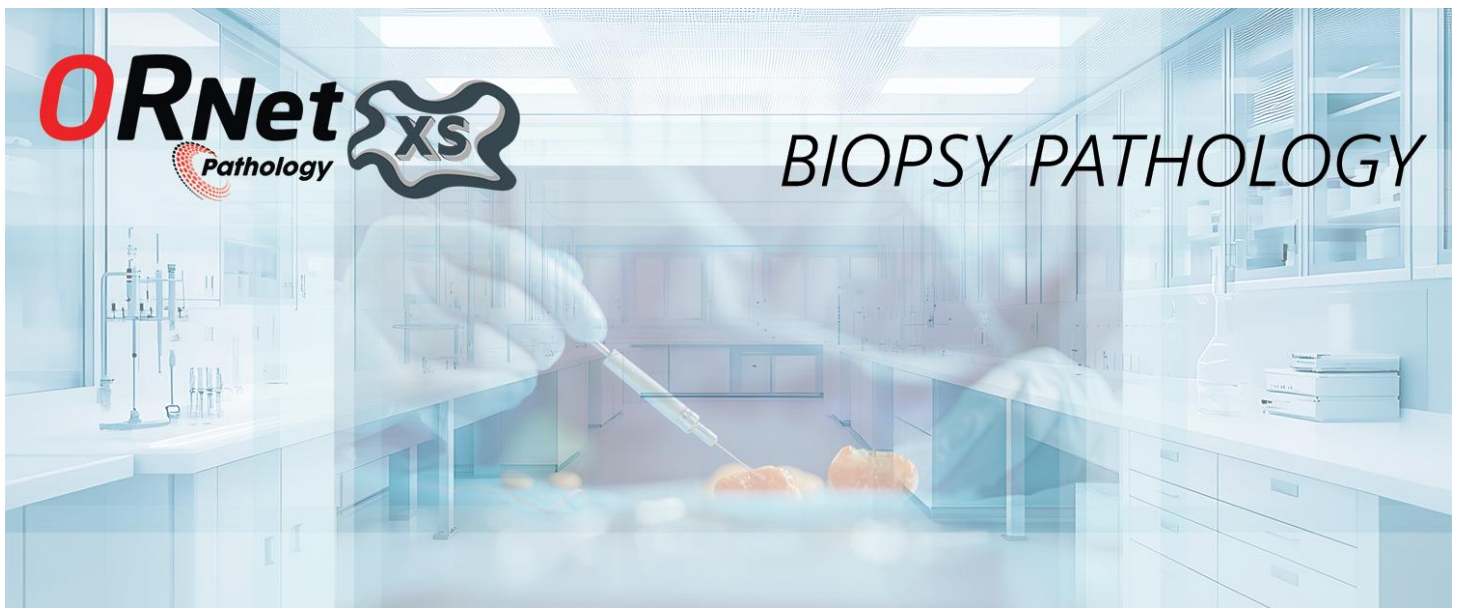
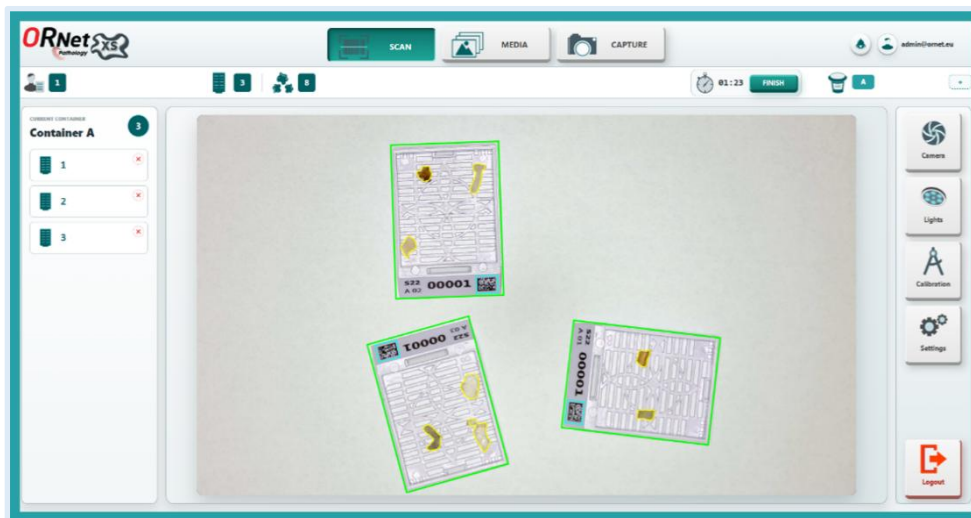


ORNet Biopsy Pathology Solution

Digital Documentation of Small Tissue Samples



**One image. Every cassette. Every fragment.
Every measurement.**



ORNet Biopsy Pathology - One step closer to a fully digital, paper-free laboratory.

The solution allows laboratories to define their own rules and requirements. The documented image can include:

Cassette outlines + barcode/QR identification + individual tissue outlines + measurements + annotations

The result is a traceable visual record that can be stored, retrieved and integrated with other laboratory systems.

Automated image-based documentation, verification and measurement of small tissue samples.

Document up to 12 cassettes in a single image.

Intelligent image analysis:

- * Automatic cassette detection & verification,
- * Barcode/QR code reading,
- * Tissue fragment detection,
- * Automatic fragment count; measurement; total tissue area; image annotations & manual correction.

ORNet Biopsy Pathology automatically:



Connect. Integrate. Scale.

ORNet Biopsy Pathology is designed as a server-based solution, allowing deployment from a single workstation to large laboratories with multiple users and imaging stations.

LIS integration

API | HL7 | Other integration methods

PACS & DICOM

Imaging with a mobile small-tissue documentation workstation:

4K / 48 MP USB camera with 10× optical zoom

5–50 mm varifocal lens. Manual focus

Dedicated illumination — 2 × 150 lm lights

Technical requirements:

Server with AI capable graphics card based on user quantity. Fast network.

ORNet Biopsy Pathology - Fast. Reliable. Intelligent.

* IDENTIFIES

Reads and verifies the barcode/QR code of each cassette.

* DETECTS

Recognizes every visible tissue fragment in the image.

* MEASURES

Automatically determines the length, width and area of every detected tissue fragment.

* CALCULATES

Provides the total number of fragments and total tissue area for each cassette.

* VERIFIES

Checks the documented tissue area against laboratory-defined requirements and provides a warning when the documented quantity is insufficient.

* DOCUMENTS

Creates a digital image containing the cassette information, tissue outlines, measurements.

For more information and to order, please send an e-mail:

sales@baitpartner.eu

www.ornet.eu