ALGOSCOPE

Transforming Healthcare with AI-Powered Workflows

The Power Of AI and Automation For Surgery and Pathology

ALGOPATH BY ALGOSCOPE

A multi-entry algorithm and hardware suite

Innovation as a service

Algoscope is a French startup, founded in 2021, specializing in digital pathology with a focus on pre-analytics. Its unique expertise lies in leveraging computational technology to modernize pathology workflows. Algoscope's digital overlay adds value by enhancing current practices while preserving established processes.

Introducing Computer Vision in Pathology

Computer vision is a field of computer science aimed at enabling computers to identify and understand objects, people and patterns in images and videos.
We have trained our algorithms to recognize **samples, patient IDs, containers**, both printed or handwritten **paperwork**, enabling us to automate process tracking seamlessly.

The ALGOPATH Suite

ALGOPATH is a **multi-entry algorithm and hardware suite** designed to enhance **traceability, automation, telepathology,** and **business intelligence** at every stage of the **pre-analytical process**. Our suite is composed of dedicated workstations and sensors tailored to track the biosample journey from surgery to pathology.

A new Era for Grossing

VOXELPATH

A digital workstation designed for the specimen gross examination.

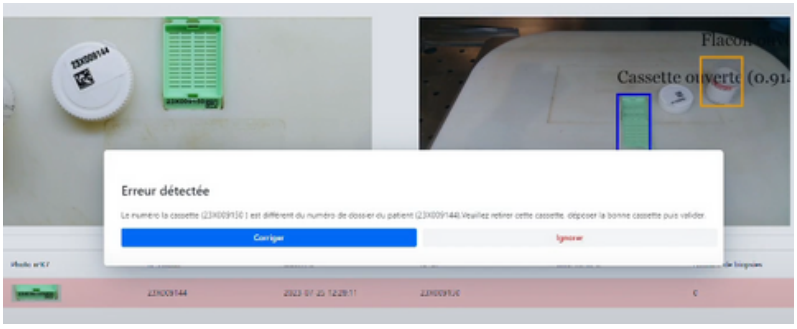
- Touch screen and foot operation
- 2D - 3D Modeling : Precise morphometry of sample
- Sensors: Precision in metrology measurement and weighing
- Computer vision for error detection
- Tele-Pathology for remote monitoring of grossing
- Virtual copy of specimens

VOXELPATH features algorithmic processing software for **automatic morphometry and weighing**. Our real-time object recognition algorithms enable instant analysis of surgical specimens, including container number, type, content, and position for **traceability** and **automatic error detection**.

Advanced Grossing available now

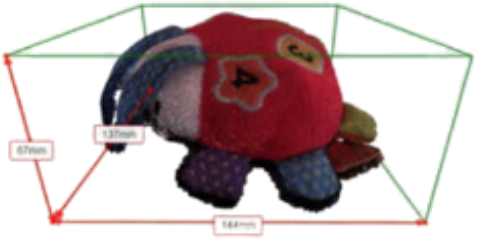
VOXELPATH is equipped with an **algorithmic processing** software that enables morphometry and traceability of surgical specimens from the operating room to the pathology laboratory.

High-end cameras synchronized with **real-time object recognition algorithms**, enabling instant analysis of surgical specimens and cassette number, type, content and positions directly from the video stream.



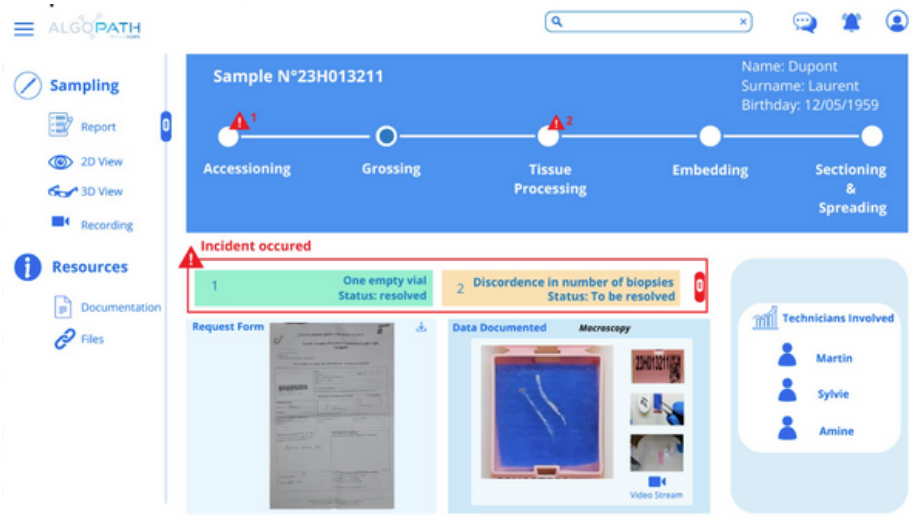
Automatic error detection feature for tube number, cassette number and content mismatch.

VOXELPATH conducts automatic measurements and weight assessments, generating standardized reports. Furthermore, it provides both **2D** and **3D** imaging of samples, stored in a digital archive for complete traceability of sample history.



Traceability & Business Intelligence

ALGOPATH is a digital overlay, featuring **sample tracking** and **real-time incident reporting**. It ensures consistent quality management by effectively reporting non-conformities, helping to maintain the highest standards for your practice.



ALGOPATH features a **business intelligence solution** that provides a comprehensive view of your lab activities through a dedicated dashboard. With data-driven insights, you can uncover hidden inefficiencies and optimize your lab's performance.

ALGOSCOPE is a company headquartered in Compiègne, near Paris, and was founded in 2021 by an anatomical pathologist, a clinical pathologist, and an engineer. It's a French innovative startup that develops hardware and software solutions based on AI, 3D modeling, and computer vision for surgery and laboratory medicine. Our solutions are designed by physicians for physicians to assist them in their daily tasks and improve their efficiency and productivity.

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