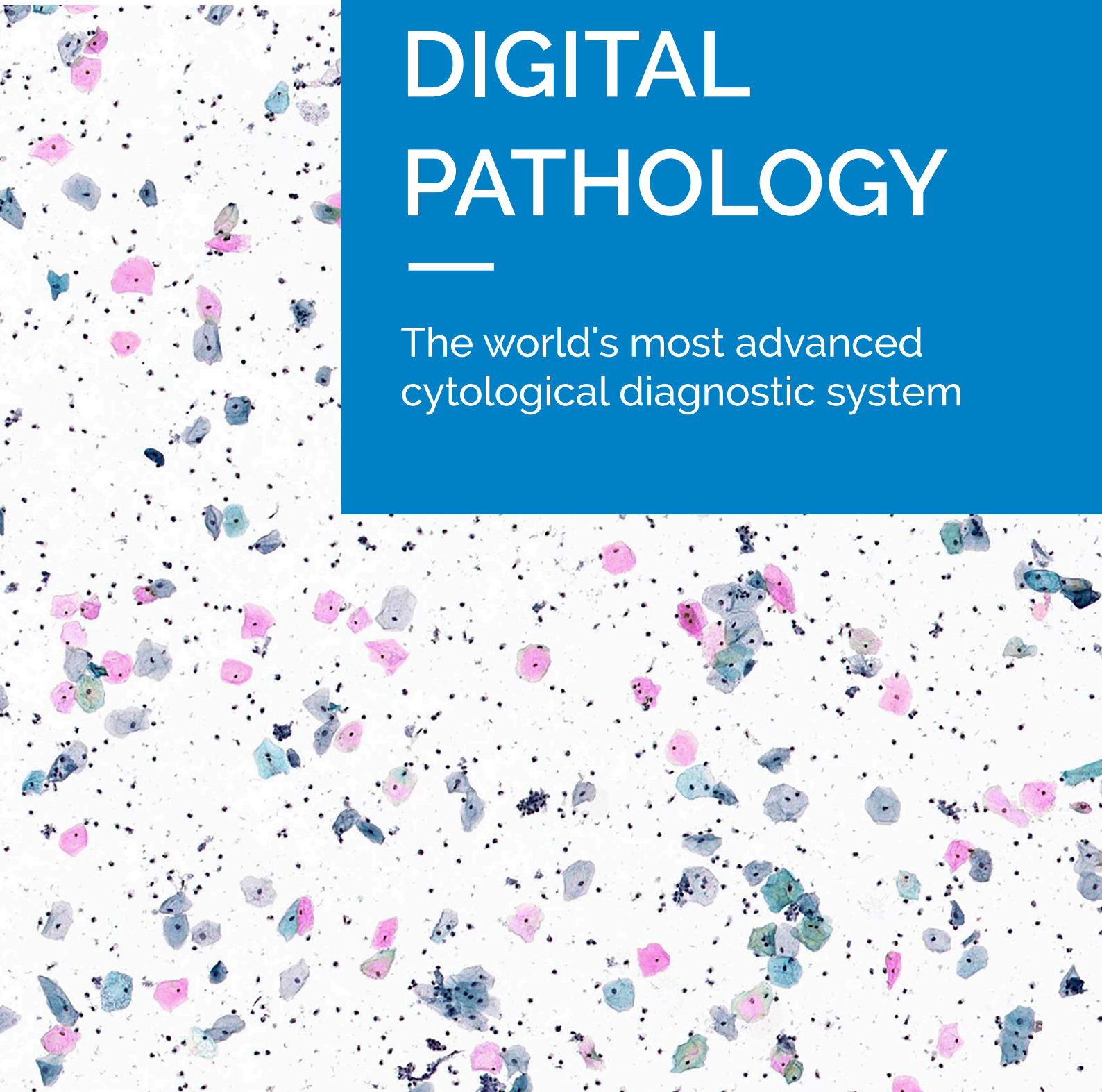


# HOSPITEX DIGITAL PATHOLOGY

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The world's most advanced  
cytological diagnostic system



# HDP HOSPITEX DIGITAL PATHOLOGY

The 1st Digital Pathology platform in the world, vertically integrated from cytological sampling to patient's report.

"We bring early diagnostics to every corner of the world"

## HDP PLATFORM ARCHITECTURE



### HDP CYTOfast Kit

The complete Hospitex sample kit for each type of cytological sample. Once collected in the CYTOfast bottle, the sample is stored for 8 weeks at room temperature and can be transported with standard logistics to the Processing Center.



### HDP CYTOfast System

Hardware Hospitex System completed with Processor, CytoCentrifuge, Digital Microscope and Reading Workstation in order to transform your traditional laboratory in an HDP Processing Center.



### HDP Platform

Architecture that integrates Hardware, Software, Artificial Intelligence, Systems, Sensitive data management and control Dashboard in one single solution. HDP is the only all-in-one solution from sampling to digital report.



### HDP Sampling Point

Sampling Point, which can be a single Gynaecologist, Clinic or Hospital. It is enough to send the biological sample to the closest HDP Processing Center, in order to get the report in 48 hours.



### HDP Processing Center

Processing Center equipped with CYTOfast System, that receives samples, processes, digitalize and makes them available on the HDP Platform. Simple, innovative and effective instruments designed to be used successfully even by unskilled technicians.



### HDP Pathologist Station

Top features reading station dedicated to the Pathologist, equipped with client hardware architecture and dedicated software, able to guarantee the maximum reading efficiency as well as managing secure access to the digital signature of the report.



### HDP Partner Headquarters

The headquarters of the customer, equipped with HDP Platform control Dashboard, functional to monitor all operational workflows, coordinate administrative data and billing.



### HDP Platform Service

Hospitex control center, located at Hospitex Headquarters, from where all flows of HDP Platforms are monitored, and technical, operational, hardware and software support is provided to the customer in real time.



### Hospitex Learning Center

The repository of knowledge, to which all the pathologists can access in order to see real cases of reports, dialogue with colleagues, improve their knowledge.



### Hospitex Pathologist Center

The center of excellence of Hospitex Anatomy Pathology, to outsource the report in case there are no pathologists available on the territory.



# CORE FEATURES



## CONTROL AND MONITORING DASHBOARD

Control the entire network in real time with a DashBoard control. All KPIs at your fingertips.



## INTEGRATION WITH ERP

Integrate the Hospitex Digital Pathology system with your administrative management, for maximum operational efficiency.



## SECURITY AND GDPR COMPLIANCE

The management of sensitive patient data is the first priority of the IT architecture designed for HDP.



## UNLIMITED SCALABILITY

Start with a thin layer processing center. Digital scale. Add WorkStation. Integrate other Centers. Connect to Hospitex Pathologist Center.



## COMPUTER VISION AND AI

Improve the reliability of the report and reduce reading time with the support cellular morphology recognition AI software.



## BIG DATA AND PATHOMICS

Each report improves the algorithm of Artificial Intelligence. This ensures continuous improvement of the Pathologist's reading support software.



## BLOCKCHAIN NOTARIZATION

With the Blockchain technology the data of the report is notarized: certain date and certain content to guarantee and protect the patient and the entire supply chain.



## HDP WORKFLOW READY

HDP Platform offers structured processes designed to achieve maximum machining efficiency. It also meets the ISO requirements, simplifying time and costs of quality certifications.



## HDP ISOCROME TECHNOLOGY

From processing and staining of the slide, to the configuration of digital microscopes, to reading monitors set with Standard parameters, images always have the same color rendering, for better reading and development of AI.



## SMART CONNECTION ENGINE

Whatever the quality of your band, bit-locker splitting system ensures remote reading reliability, realigning the systems in the event of data breaks.



## HA STABILITY

HDP systems guarantee the highest up-time standards available on the market. Data is stored on dedicated servers, with continuous backup, in order to ensure maximum safety in the provision of the service.



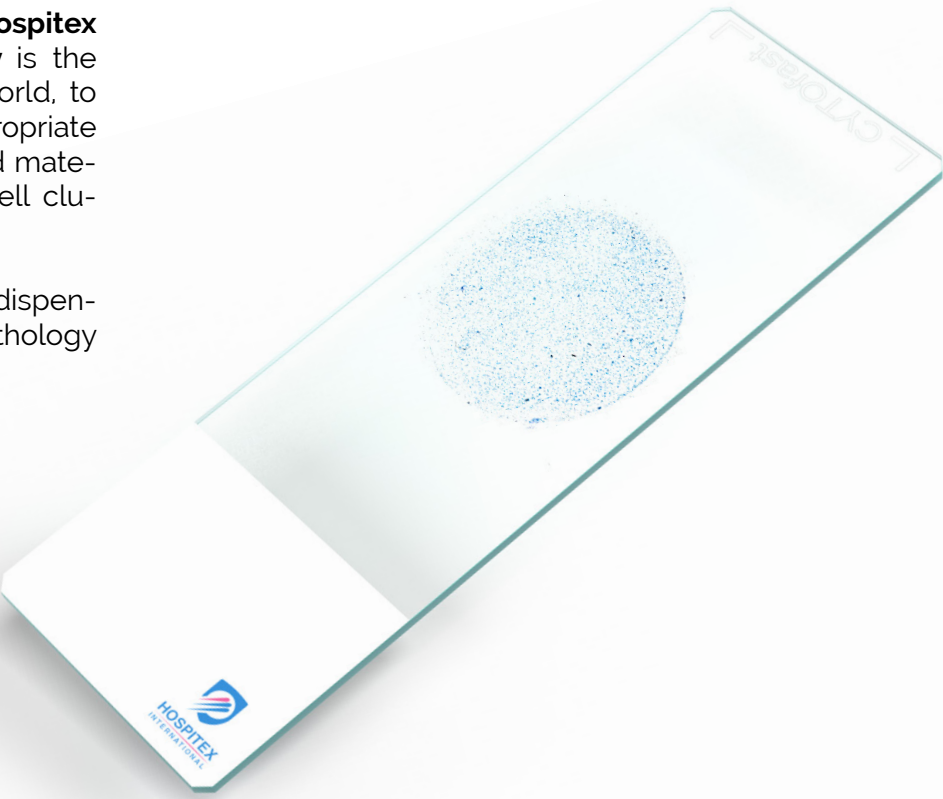
## H24 TECHNICAL SUPPORT

For any technical problem, your structure will have a direct help desk for remote problem solving.

# IT ALL BEGINS HERE

Only a slide with standard features allows to develop Artificial Intelligence. **Hospitex Nephelometric Smart Technology** is the only patented technology in the world, to ensure thin layer slides with an appropriate ratio between cells and background material, respect for morphology and cell clusters.

The thin layer Hospitex slide is the indispensable prerequisite for any Digital Pathology solution.

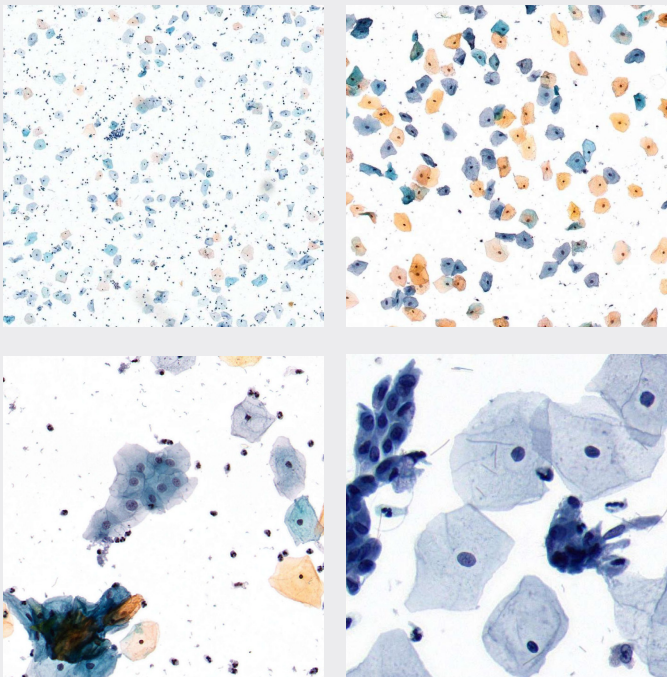


## CYTOfast SYSTEM

# OPTIMIZED IMAGE DIGITALIZATION

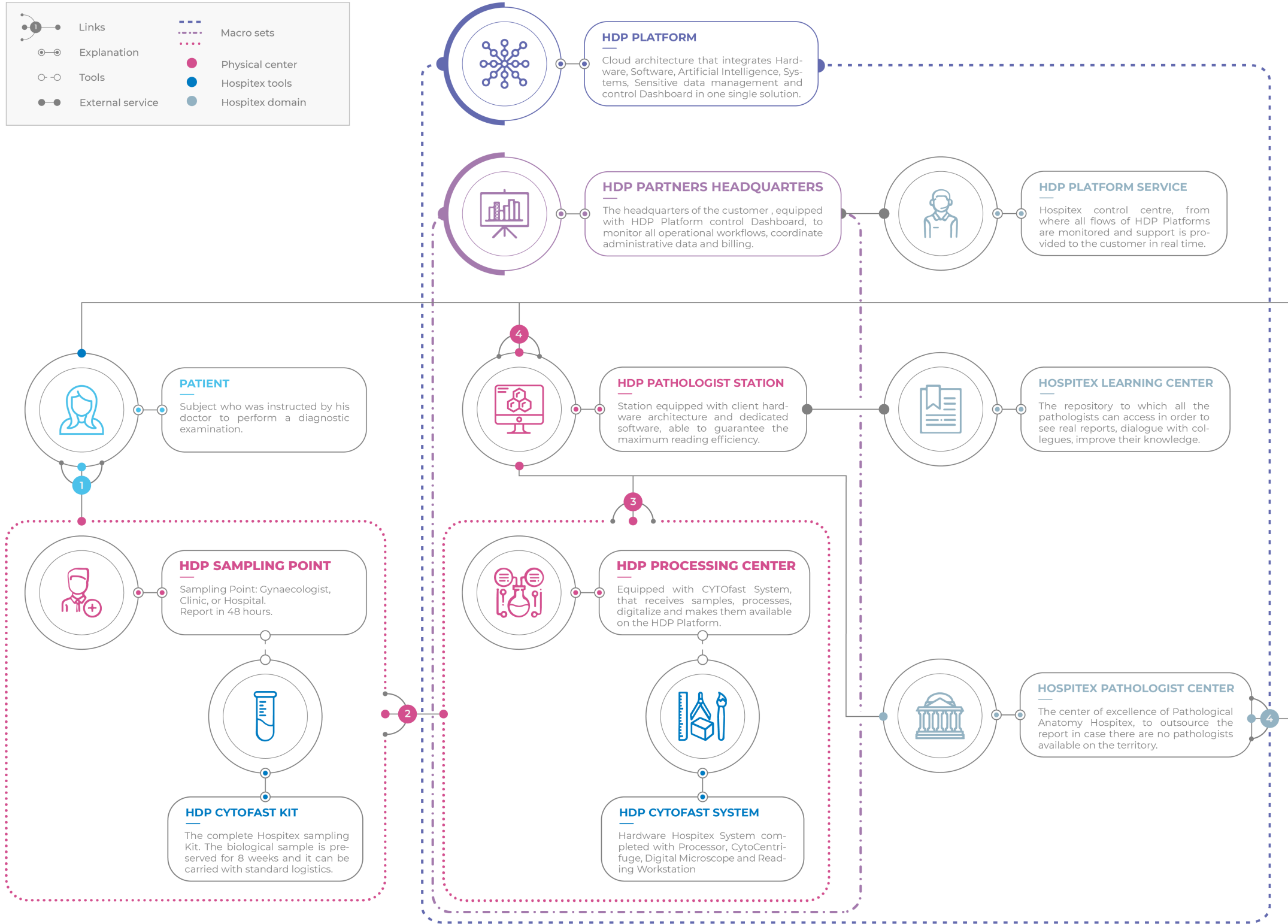
CYTOfast System is the only system in the world that guarantees a **standardized thin layer**, an indispensable factor for the progression of Artificial Intelligence.

Focusing on a single plan, facilitates the optical reader, making scanning faster, more precise and more efficient.



# HDP WORKFLOW

WE TAKE CARE OF EVERYTHING



## THE COMPLEXITY MADE EASY

Hospitex Digital Pathology has been designed to offer the best solution to meet the needs of doctors, technicians and patients. Our first goal is to combine the best diagnostic accuracy with the simplicity of diagnosis.



### DOCTORS

#### Simplified Collection

Once the sample has been taken, simply collect it in the CYTOfast bottle and send it safely to the Processing Center thanks to the cytological fixative contained in the bottle.



### TECHNICIANS

#### Skill-free processing

CYTOfast System has been developed to be successfully used even by unskilled personnel.



### ADMINISTRATIVE

#### Automatic report management

Simplify management. Each report is automatically generated, signed, transmitted and stored digitally.



### PATIENT

#### Best service

The patient receives the report directly by email. Service with the highest quality, made it quick and easy.



### COURIERS

#### Standard Shipping

The CYTOfast vial can be shipped with any standard carrier at room temperature.



### PATHOLOGISTS

#### Simplified Reporting

Perfect images, 100% representative slides, read support software, all wherever you are.



### EXECUTIVES

#### Immediate cost control

Transparent service costs. Zero operational management costs. Everything's under control with the Executive Dashboard.



### AI

#### To learn better

CYTOfast System is designed to be simple even for Artificial Intelligence. To learn better and faster.





**Simple**

**Innovative**

**Effective**