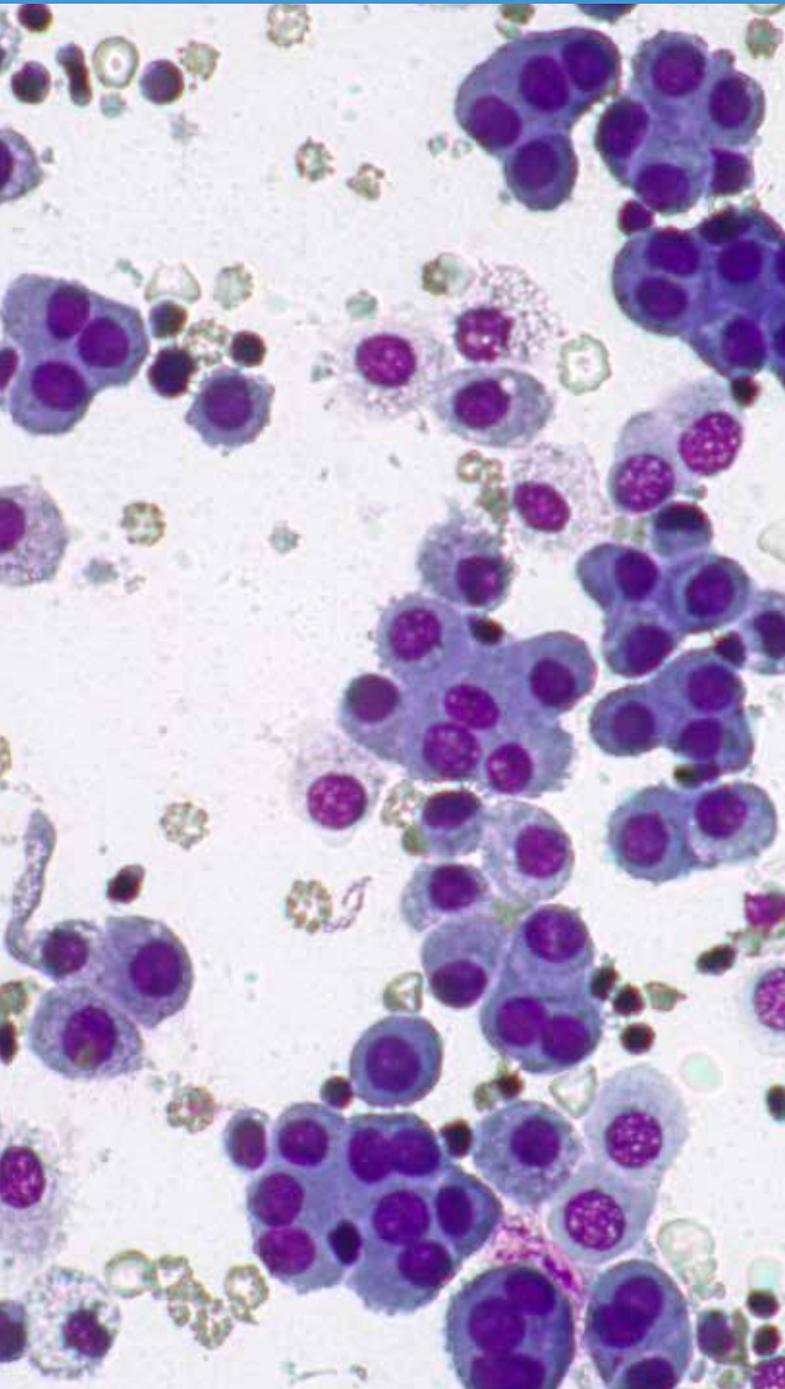# Vision Cyto® Assist

Cytologist's workplace

Organization and interpretation of cytological examinations

Workflow automation and standardization. Improved quality and increased productivity. Time efficiency.
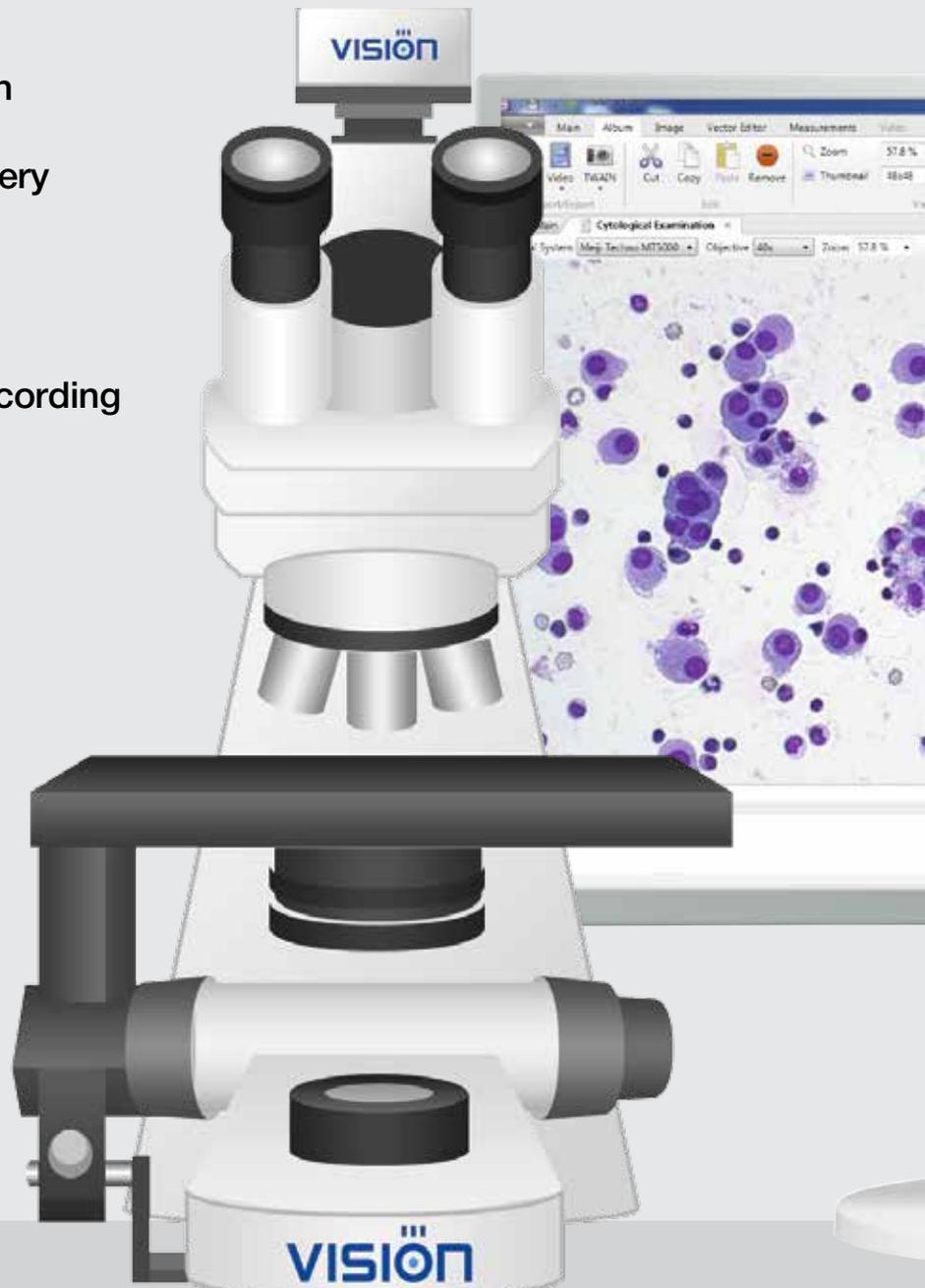
Automatic field of view selection

Creation of cytology sample gallery

Pre-set algorithm for cytology analysis

Validation of sample analysis according to pre-set algorithm

Pre-set cytological album for diagnosis reference

A pre-set algorithm for cytology analysis

An irreplaceable assistant offers a standardized algorithm for the cytological examination. Raise the quality of cytological examinations to a new level.

Sample Attributes

⊿ **Characteristic of smear**

Method of obtaining	Exfoliative ▼
Material	Cervical scrapings ▼
Localisation	Endocervix ▼
Quantity	Multicellularity ▼
Staining	Azure-eosin (Romanovsky, Pappenhei ▼

⊿ **Signs of cellular atypia**

Signs
☑ Increased size of cells
☑ Increased size of the nucleus
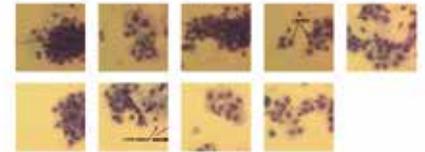☐ Violation of nuclear cytoplasmic ratio toward the
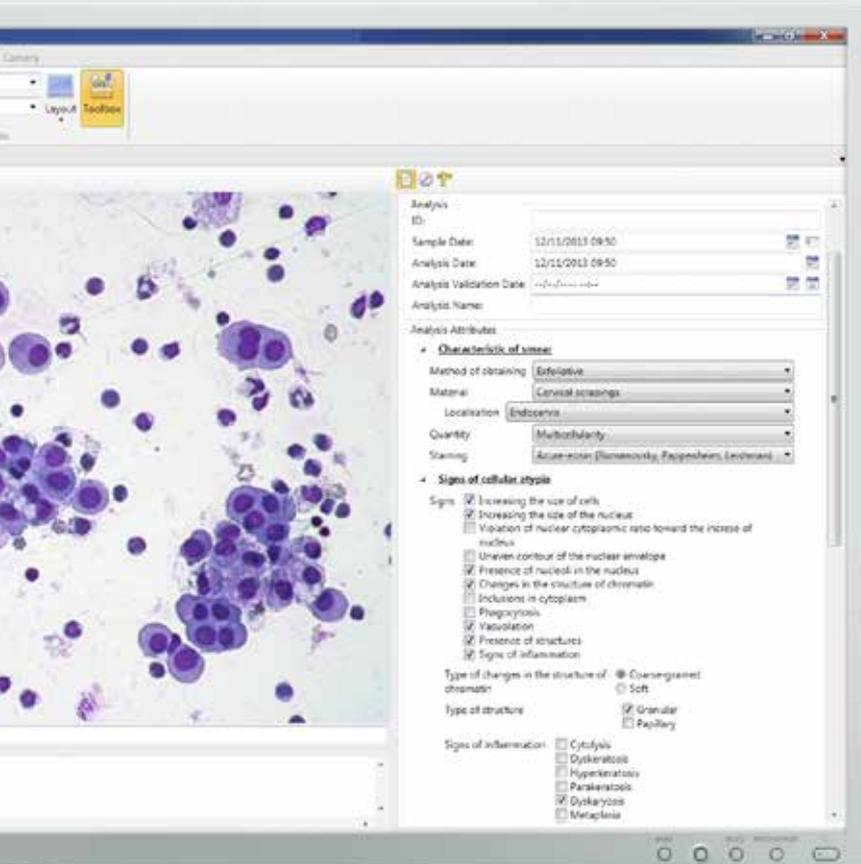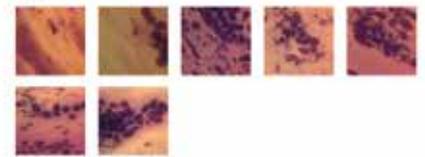
Hints from the atlas

Develop your professional expertise by creating and maintaining an atlas. Add images with comments for later reference.

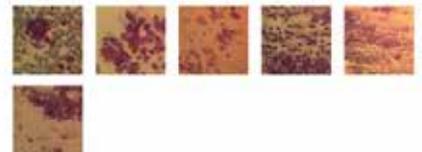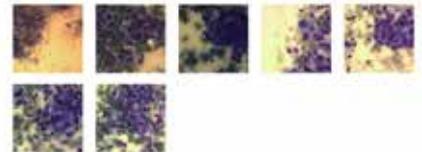⊿ **Non-keratinizing squamous cell carcinoma**
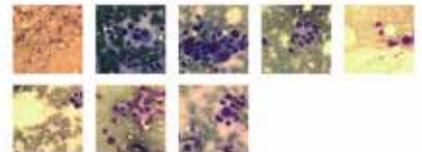
⊿ **Pharyngeal swab**

⊿ **Vaginal smear**

⊿ **Low differentiated carcinoma of lung**

⊿ **Papillary thyroid carcinoma**
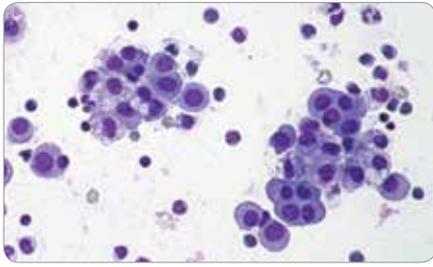
⊿ **Lobular carcinoma of breast**

⊿ **Follicular carcinoma**

⊿ **Breast**

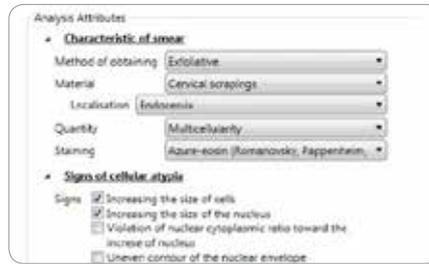⊿ **Follicular blastema, probably thyroid carcinoma**
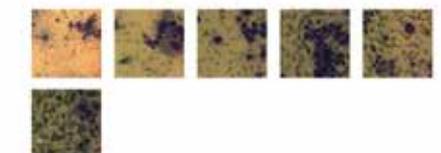
Main characteristics

Convenient organization and professional tools

Convenient work with digital samples. Find a required object on the cytology sample in video mode, and capture its perfectly crisp digital image.

A pre-set algorithm for cytology analysis

An irreplaceable assistant offers a standardized algorithm for the cytological examination. Raise the quality of cytological examinations to a new level.
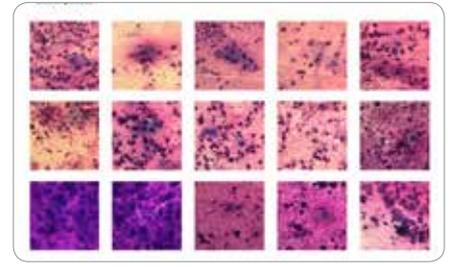
Hints from the atlas

Develop your professional expertise by creating and maintaining an atlas. Add images with comments for later reference.

Remote access and network capabilities

Vision Cyto® Remote
Distant access to analysis results. Remote consultations and expert opinions. Remote supervision and monitoring. Remote validation of results.
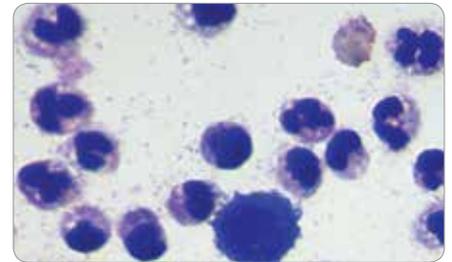
Vision Cyto® Network
A single information environment.

Laboratory Information System

Vision Cyto® LIS
Possibility of bi-directional communication with LIS. Receiving tasks from LIS, automatic transfer of analysis parameters to LIS.

Additional modules

Vision Cyto® Body Fluids
Count and study of cells in human body fluids.

Vision Sperm Sediment®
Cytologic analysis of sperm sediment for analysis of latent trichomoniasis, fungal, HPV infections, disbiosis and etc.

* Product images are shown for reference only and final product may differ