Vision Cyto® Basic

Cytologist's workplace
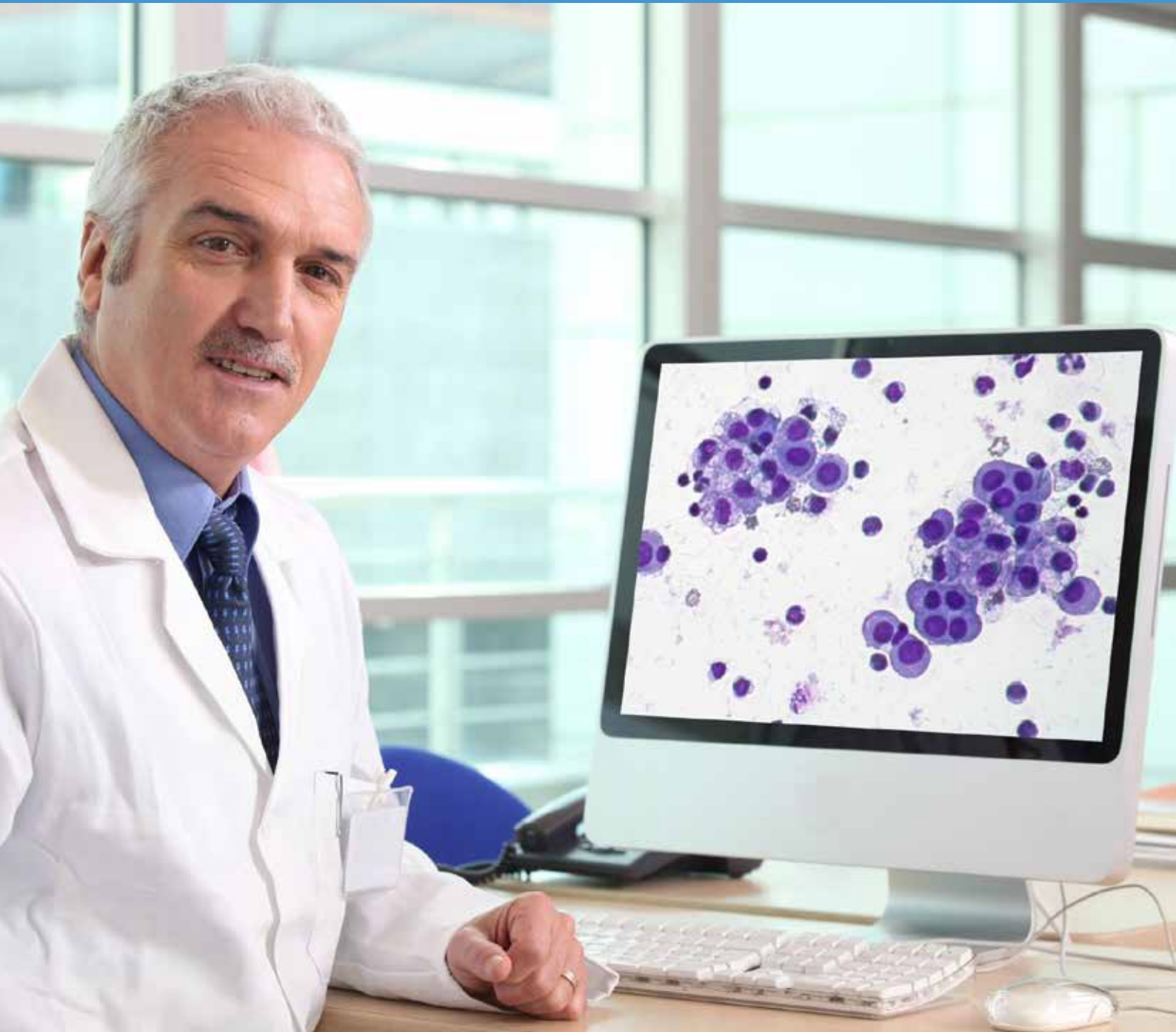
Digital cytology
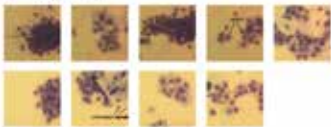
Hints from the atlas
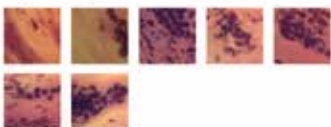
Develop your professional expertise
by creating and maintaining
an atlas. Add images
with comments for later reference.
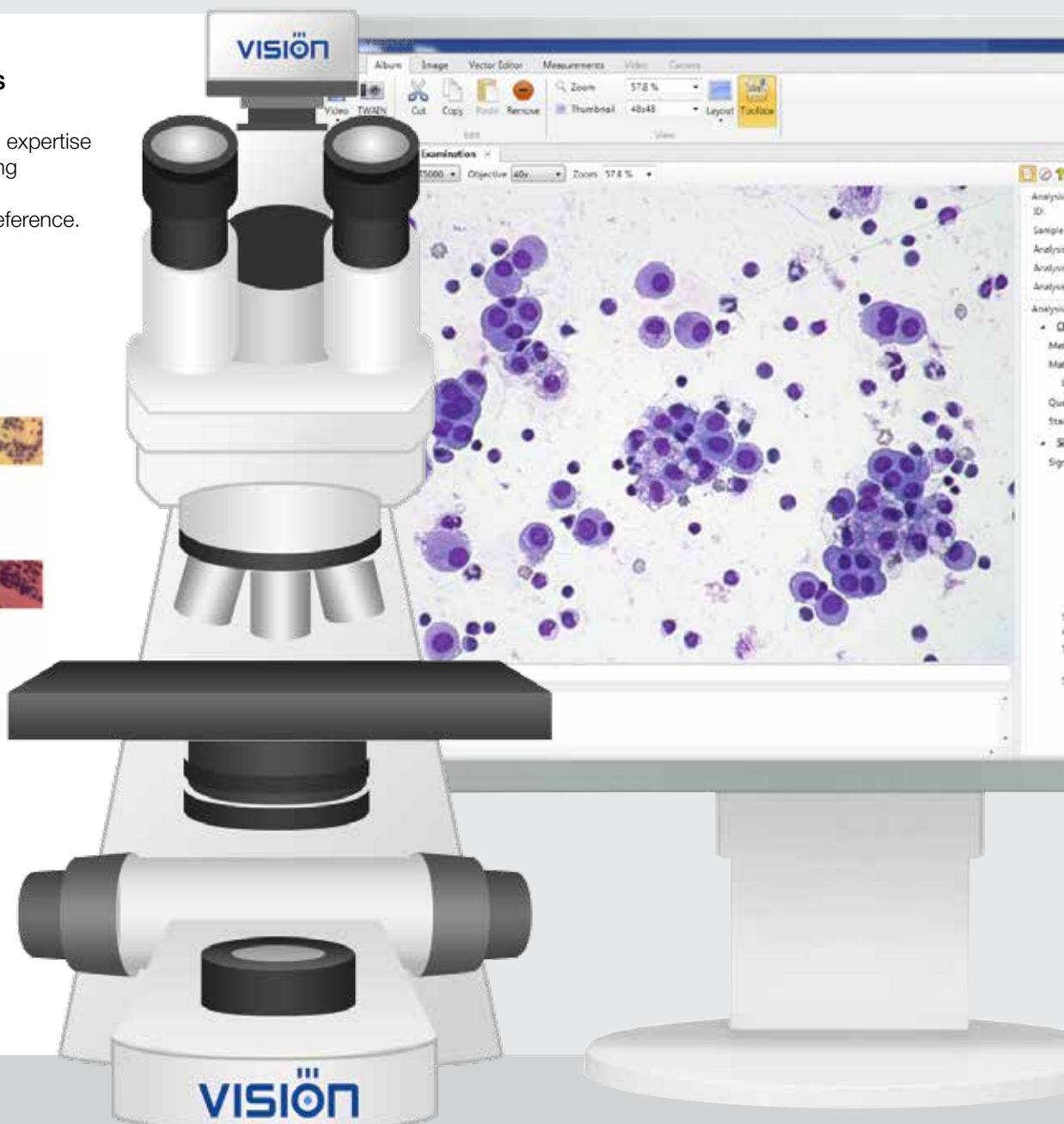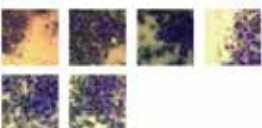
Sample microscopy

Find a required object on the cytology sample in video mode, and capture its digital image.

Simple interface

The toolbar is designed according to analysis' algorithm and ensures compliance with all procedure stages, thus providing reliable results. The toolbar has minimal size to retain space for working with images.

Combination of innovative technology and classical microscopy extends working possibilities
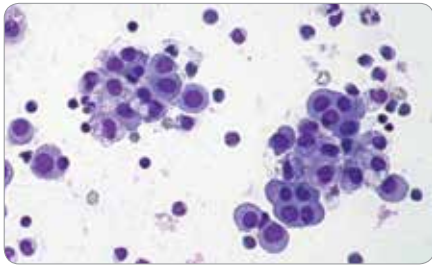
A pre-set algorithm for cytology analysis

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

Analysis Attributes

⊿ **Characteristic of smear**

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

⊿ **Signs of cellular atypia**

Signs ☑ Increasing the size of cells
☑ Increasing the size of the nucleus
☐ Violation of nuclear cytoplasmic ratio toward the increse of nucleus
☐ Uneven contour of the nuclear envelope
☑ Presence of nucleoli in the nucleus
☑ Changes in the structure of chromatin
☐ Inclusions in cytoplasm
☐ Phagocytosis
☑ Vacuolation
☑ Presence of structures
☑ Signs of inflammation

Type of changes in the structure of chromatin   ◉ Coarse-grained   ○ Soft

Type of structure   ☑ Granular   ☐ Papillary

Signs of inflammation ☐ Cytolysis
☐ Dyskeratosis
☐ Hyperkeratosis
☐ Parakeratosis
☑ Dyskaryosis
☐ Metaplasia
☑ Cellular elements of inflammation

Elements ☑ Leucocytes
☐ Macrophages
☐ Reticular cells
☐ Lymphoid elements

⊿ **Proliferative activity**

Attributes ☐ Presence of mitosis
☐ Presence of multinucleated cells
☑ Cellular polymorphism

⊿ **Characteristic of cells**

Differentiated features Glandular ▼

⊿ **Characteristic of nucleus**

Signs of dystrophy and necrobiosis   ☐ Karyorhexis   ☐ Karyopyknosis   ☐ Karyolysis

⊿ **Characteristic of nucleolis**

Quantity 1-2

⊿ **Characteritic of background**

Presence of cell debris No ▼

▷ **Cytological album of diagnoses**

Result Interpretation

Glandular hyperplasia	Templates

Notes

Case follow-up is required	Templates

Diagnoses

Diagnosis	Diagnosed	Removed

Established Diagnoses

|	New

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.
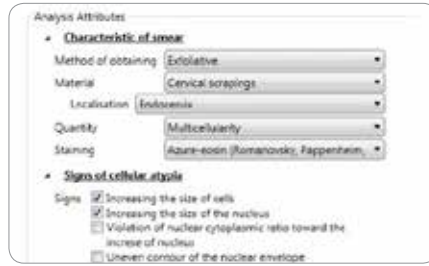
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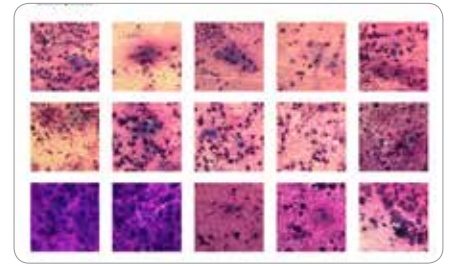
Hints from the atlas

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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.
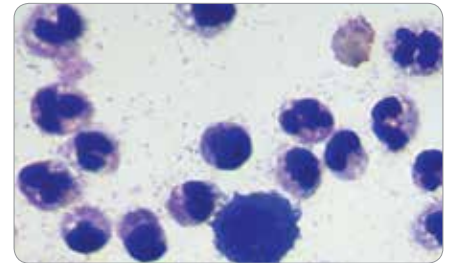
Vision Cyto® Network
A single information environment.

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