

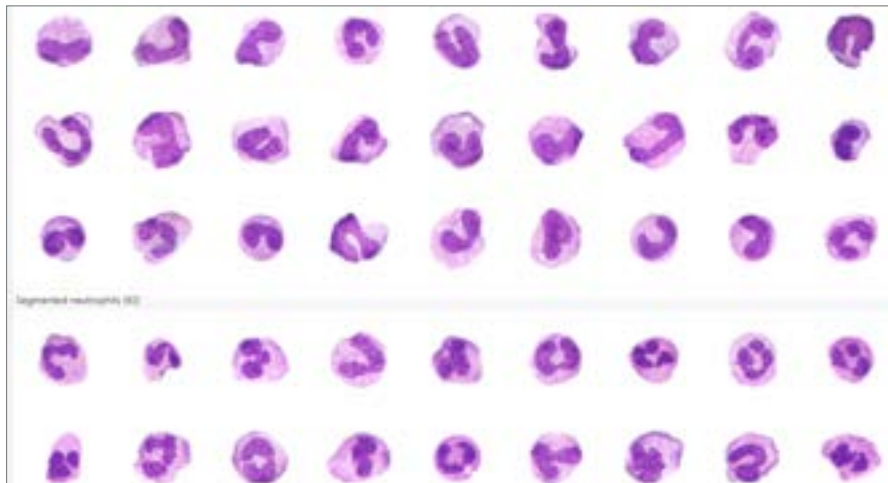
Bone Marrow

Automatic Analysis of Bone Marrow cells



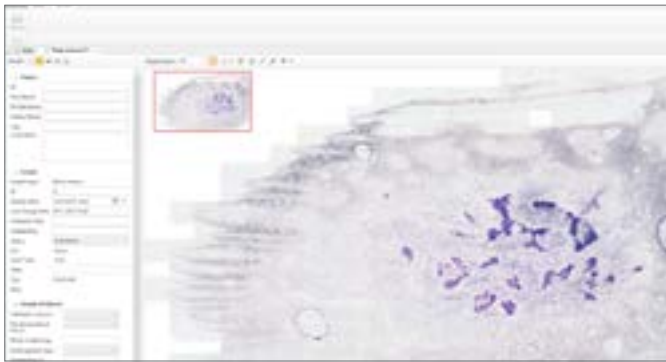
Clinical Application Module

Vision Bone Marrow

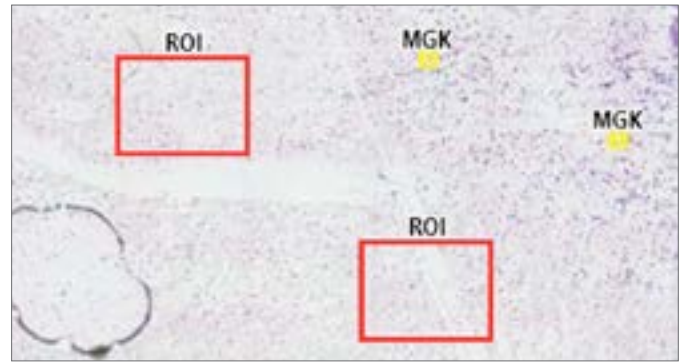


Automatic scanning, pre-classification and counting of bone marrow cells

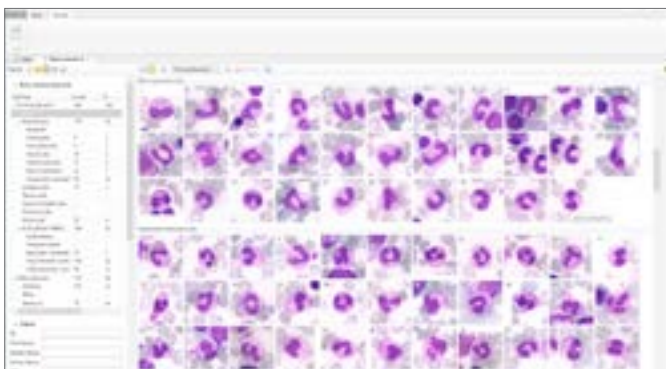
- Blasts
- Basophils
- Eosinophils
- Promyelocytes
- Myelocytes
- Metamyelocytes
- Band neutrophils
- Segmented neutrophils
- Lymphocytes
- Erythroblasts



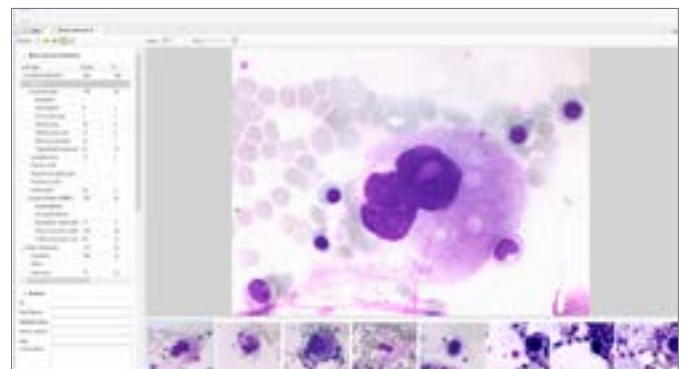
Digital slide of bone marrow.



Automatic selection of regions of interest (ROI) and identification of megakaryocytes (MGK).



Bone marrows cells gallery.

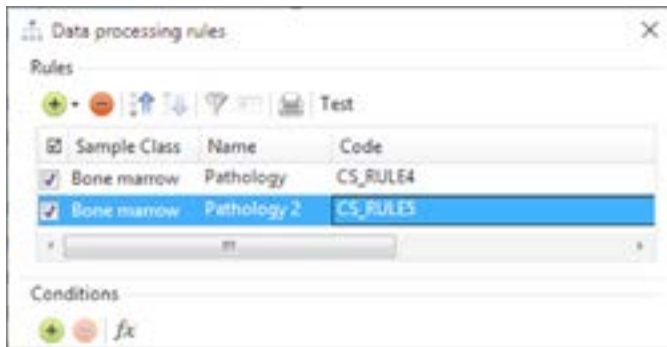


Megakaryocytes gallery.

Automation through Vision Bone Marrow improves the quality and increases the speed of analysis. Vision Bone Marrow allows you to save time and resources of your laboratory. A specialist only validates the analysis results.

Administrative Modules

Vision Manager



Analysis procedure automation, data processing rules.

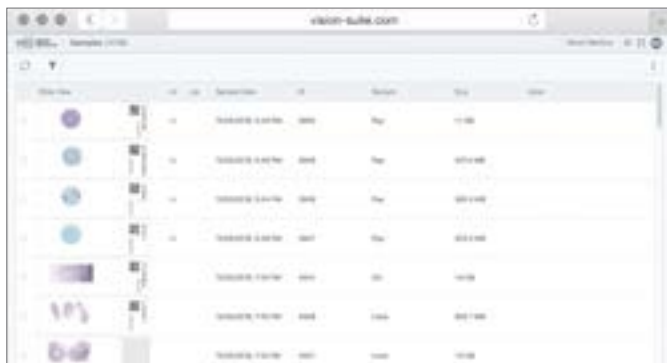
Vision Remote



Remote workstation.

Consulting and Education Modules

Vision Suite



Cloud/server for telemedicine and remote consultations with colleagues.

Vision Expertise



Online testing and quality control.
www.vision-expertise.com

Artificial intelligence



Artificial intelligence (AI) cumulates algorithms and technologies that allow computers to learn and solve intellectual tasks provided by humans.

AI speeds up processing and interpretation of data, and allows to efficiently perform the most comprehensive tasks, including medical image analysis.



Clinical applications

The latest developments of artificial intelligence provide a solution for the tasks connected with automation in digital microscopy.

Our technologies speed up the diagnostic process, reduce analysis time and lower subjectivity of the results received.

They improve the efficiency of laboratory routine operation, bringing microscopy analyses in line with state-of-the-art standards.

Specifications



Vision Assist
Cell Imaging Analyzer



Vision Pro
Cell Imaging Analyzer



Vision Ultimate
Cell Imaging Analyzer

Application module: Vision Bone Marrow	Application module: Vision Bone Marrow	Application module: Vision Bone Marrow
Working modes: queue (only 4 slides version)	Working modes: queue, random access	Working modes: queue, continuous and random access, STAT testing, 24/7
Automatic scanning	Automatic scanning	Automatic scanning
1 or 4 slides	8 slides	Up to 200 slides
Manual slide handling	2 cassettes with slides	Automatic slide handling
Microscope for scanning	Microscope for scanning	Microscope for scanning
Personal computer	Personal computer	Personal computer
Monitor	Monitor	Monitor
—	—	Touch-screen monitor for control
—	Built-in barcode reader (optional)	Built-in barcode reader
—	Automatic oil dispenser (optional)	Automatic oil dispenser
Optical system: 10x, 50x Oil, 100x Oil	Optical system: 10x, 60x Oil, 100x Oil	Optical system: 10x, 50x Oil, 100x Oil
Bright field	Bright field	Bright field
Köhler illumination, LED	Köhler illumination, LED	Köhler illumination, LED
Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet	Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet	Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet
Art. N.: 71150.02 (1 slide) Art. N.: 71450.02 (4 slides)	Art. N.: 72852.02 (8 slides)	Art. N.: 73011.02 (200 slides)

Please check the intended use and the registration in your local regulation. Depending on the regulations of the respective region, some products may be used for research purpose only.

Pre-classification has to be validated by the specialist reviewing the galleries of cells. We reserve the right to change specification without notice.

