WEST MEDICA

Vision Hema® Integro

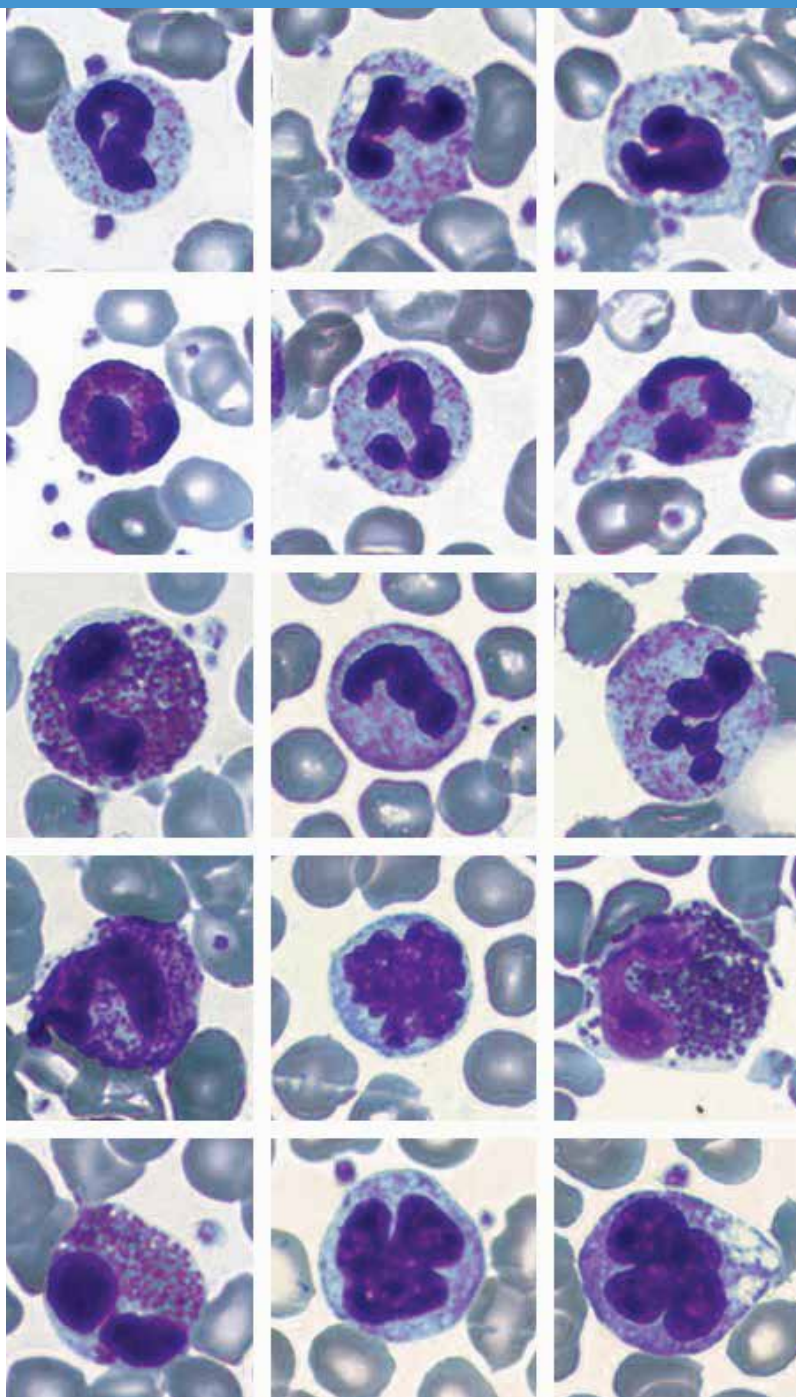
Full CBC analysis picture

COMPLETE BLOOD COUNT

Sample ID	364
Sample collection date	20.07.2011 11:31
Analysis date	20.07.2011 13:31
Patient ID	10
Name	Howard John
Date of birth	28.05.1975

Analysis Results

Parameters	Result
Leucocytes (WBC)	10,24
Lymphocytes (LYM)	2,26
Lymphocytes (LYM) %	22,1
Granulocytes (GRA)	7,06
Granulocytes (GRA) %	68,8
(MID)	0,92
(MID) %	9,02
Erythrocytes (RBC)	4,85
Mean corpuscular volume (MCV)	85,4
Red cell distribution (RDW)	18,1
Hemoglobin (HGB)	137
Mean corpuscular volume (MCV)	28,1
Mean corpuscular hemoglobin concentration (MCHC)	329

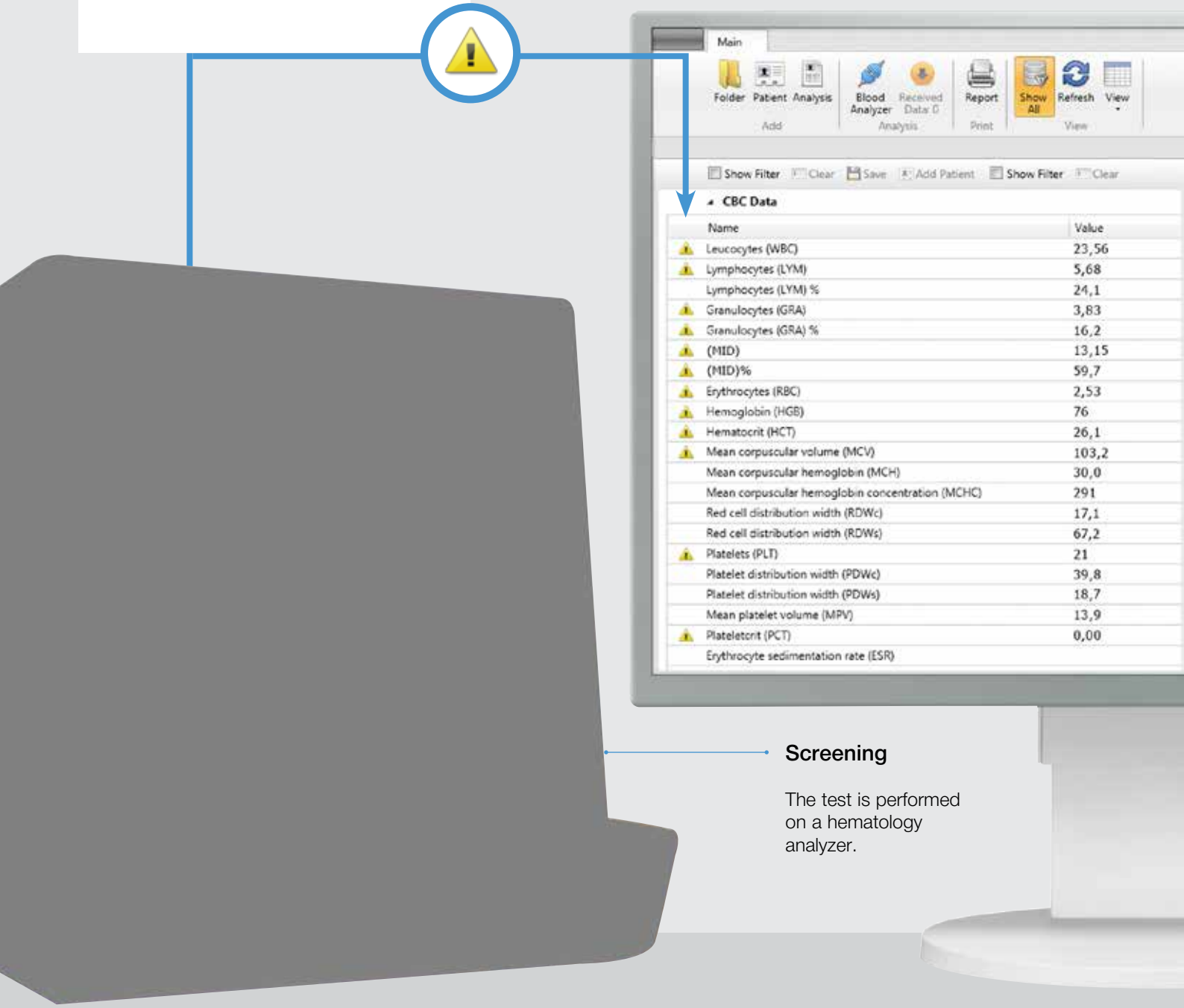


Integrated hematology solution

Expand capabilities of your laboratory using Vision Hema® Integro hematology system

Automatic data transfer

The analysis results are automatically transferred from a hematology analyzer into the system. Results that go out of the reference range are marked with flags.

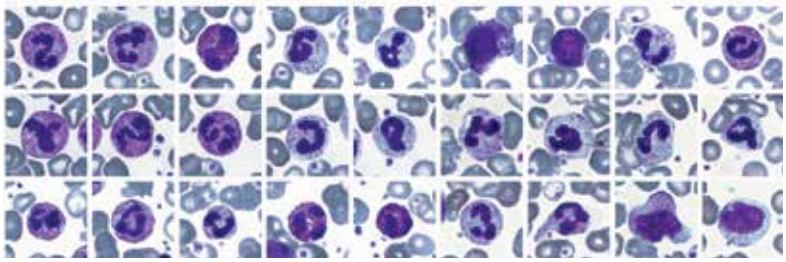


Screening

The test is performed on a hematology analyzer.

Automatic data transfer

The blood cell digital images are automatically transferred into the system which identifies, pre-classifies and adds them to the analysis results from a hematology analyzer, thus forming the final CBC analysis picture



Report

The Vision Hema® Integro allows the use of customizable report templates.

Digital blood cell morphology

The automated microscopy of blood cells is performed on a Vision Hema® hematology imaging analyzer.

1 Screening

1 — 2

Screening

Performed on a hematology analyzer for screening. Samples with «flags» are sent for microscopy.

Data transfer

Results are automatically transferred to your PC and integrated in CBC report.

2 Blood smear preparation

1 — 2

Slide preparation

Preparation of standardized high quality blood smears, using **V-Sampler®**.

Slide staining

Strict compliance with May-Günwald-Giemsa staining protocol is achieved with the help of **V-Chromer®** automated slide stainer for blood smears.

3 Digital blood cell morphology

1 — 2 — 3 — 4

Slide scanning

Stained slides are placed in **Vision Hema®** and are automatically scanned for further analysis.

Identification of blood cells

Collected blood cell data is automatically identified and pre-classified by **Vision Hema®**.

Validation of results

Lab technician validates the results and if necessary makes the corrections. Morphological analysis helps to obtain objective results.

Analysis interpretation

The attending physician together with a lab expert interpret patient's analysis results and formulate a diagnosis.

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

CE

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