

## CellaVision® Advanced RBC Application

CellaVision Advanced RBC Application acts as a complement to Cellavision Peripheral Blood Application – enabling labs to perform a more comprehensive review of RBCs as part of the morphological examination of peripheral blood smears.

### The application supports:

- **RBC Differential;** by delivering a comprehensive pre-characterization based on 21 morphological characteristics

When implemented together with Cellavision analyzers and supporting software, Cellavision Advanced RBC Application speeds up and simplifies the review process while delivering more standardized results.

### Features

**Easy to split or switch views**  
to enable single cell filtering and grouping

**Adjust magnification**  
of cell images

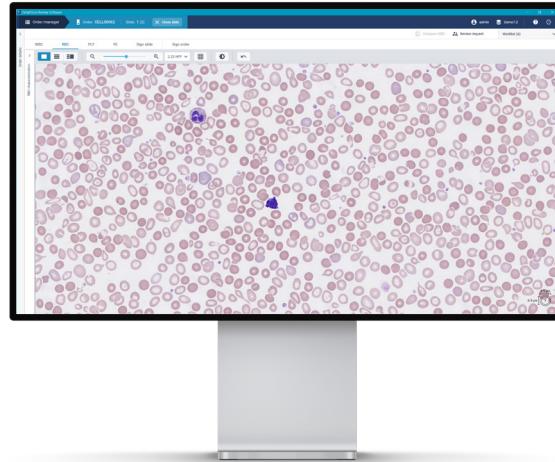
**Compare cells with example cell images** from a built-in image library

**Tag or add comments**  
to any slide

**Share slides and cell images**  
with colleagues for collaboration and consultation

**Change grading manually** if re-characterization is needed





## Cellavision® Advanced RBC Application

## Technical Specifications

### SLIDE PREPARATION METHODS (WEDGED)

- Automated slide maker and stainers
- HemaPrep® automated blood smearing device
- Manual smears
- RAL SmearBox
- RAL StainBox and RAL Stainer

### ANALYZERS

- Cellavision® DM1200
- Cellavision® DM9600

### STAINS

#### Romanowsky stains

- May Grünwald Giemsa
- Wright Giemsa
- Wright
- RAL MCDh

### RESULT PARAMETERS

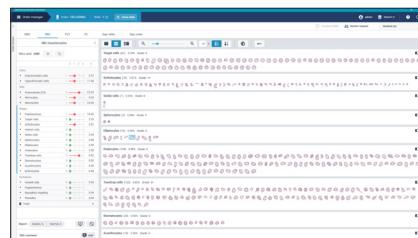
- RBC pre-characterization: Automated pre-characterization of Polychromatic cells, Hypochromatic cells, Anisocytosis, Microcytes, Macrocytes, Poikilocytosis, Target cells, Schistocytes, Helmet cells, Sickle cells, Spherocytes, Elliptocytes, Ovalocytes, Teardrop cells, Stomatocytes, Acanthocytes, Echinocytes, Howell-Jolly bodies, Pappenheimer bodies, Basophilic stippling and Parasites
- User has the ability to add additional cell categories for manual re-classification

## How does it work?

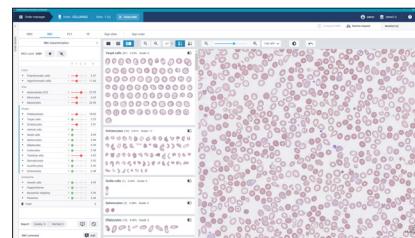
- The software extracts cell features from digital images and delivers a pre-characterization of RBCs using innovative AI technology
- The pre-characterization is then reviewed and verified by a Medical Technologist

## Why Cellavision Advanced RBC Application?

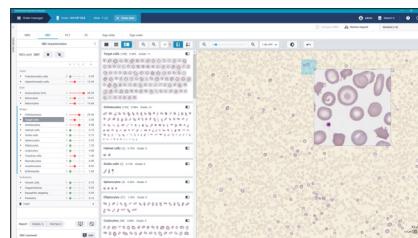
- Cellavision Advanced RBC Application offers a completely new way to review erythrocyte morphology



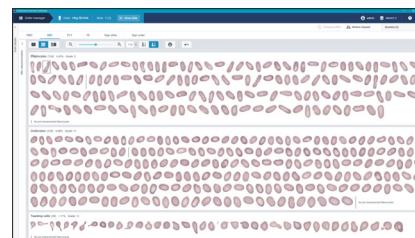
View cells grouped by shape, size, color, and inclusion characteristics



View Individual cell gallery and the overview simultaneously



Highlight one selected cell morphology



View zoomed cells grouped by shape, size, inclusion and color

Specifications are subject to change without notice. This product may not be available in all markets.