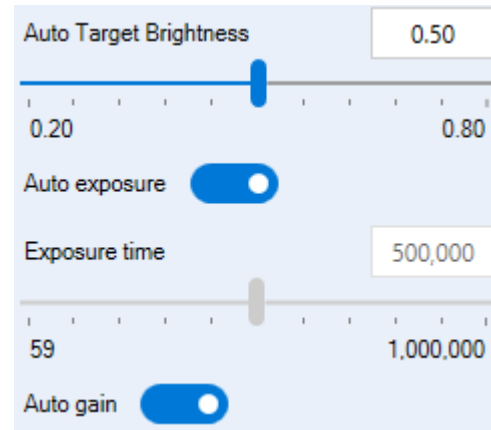


What's new in SCA 6.7

- ✓ Automatic illumination adjustment to capture optimum images and videos.

The system automatically adjusts the different parameters of the camera (exposure, gain and white balance) to obtain the best image quality to perform the analysis.

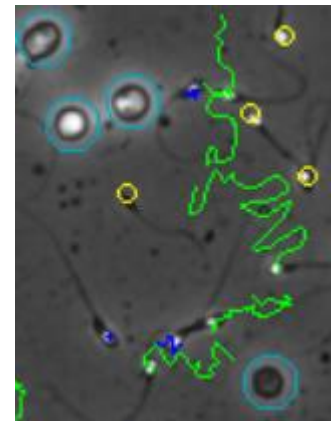


- ✓ Possibility to fix camera parameters by configuration.

Now each analysis configuration has its own camera parameters, so it's easier and faster to perform the analysis.

- ✓ Improved round cell detector during motility & concentration analysis with advanced artificial intelligence (AI) algorithms.

The system uses deep learning algorithms to detect round cells better than in previous versions. Now the system detects both, black or white round cells accurately.



- ✓ New configuration manager tool.

One place to configure all the general settings of the system.

Welcome to SCA Configuration Manager

Please select which configuration you would like to manage.



- ✓ New dialog to define new preparations.

Add different preparations (fresh, swim-up, gradient, frozen...) and compare the results easily.

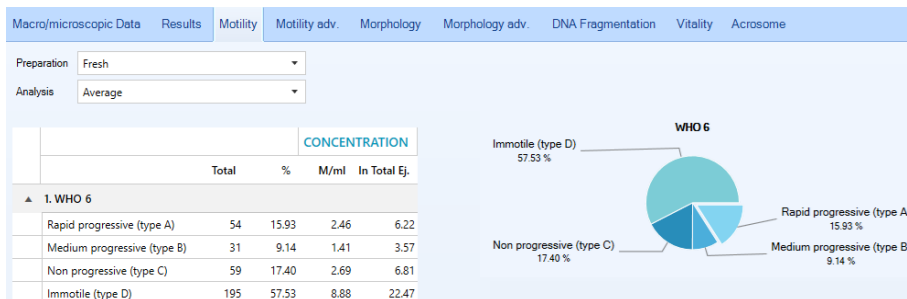
Preparations

+ Add a new preparation | Sort alphabetically | ↑ ↓

Name	Description	Fresh sample	Enabled		
Fresh	Fresh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Fresh 6h		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Post	Post	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

- ✓ New interface to see individual analysis results and images by preparation.

You can see the individual results of each analysis or the average of each analysis. And also, by different preparations.



- ✓ Possibility to add manual analysis results by preparation.

You can add manual analysis results not only for fresh analysis but also for each type of preparation.

Macro/microscopic Data | Results | Motility | Motility adv. | Morphology | Morphology

Preparation: Fresh

Concentration: Fresh

Concentration: Post (59.47 M/Sample)

Motility			
Rapid progressive	14.35 %	Progressive (PR)	21.52 %
Medium progressive	7.17 %	Motile	38.11 %
Non progressive	16.59 %		
Immotile	61.89 %		

Motility status: mot

- ✓ New tool to customize reports easily.

New dialog where you can configure the different reports of the system. Select between default, local or shared reports and modify properties like the header, the footer, hide or show sections.

Reports settings

General Details

+ Add or Update a Local Report + Add or Update a Global Report

Report Name	Local	Global	Default	Active	Properties
General					
Complete	-	-	[icon]	Default	[edit]
Customized	-	[icon] [trash]	[icon]	Global	[edit]
Graphic	-	-	[icon]	Default	[edit]
Labels	-	-	[icon]	Default	[edit]
Summary	-	-	[icon]	Default	[edit]
Internal Quality Control					
Internal Quality Control	-	-	[icon]	Default	[edit]
QC file	-	-	[icon]	Default	[edit]

Report properties

Filename: RPT_EXT Report Enabled:

Report Name: Complete Type: Sample

A-Z

General

Header

Sample Data

Patient Data

Doctor Data

Optional Fields

Radar

✓ Shared reports repository.

Dialog where you can select if a report will be shared between all the SCA systems. Control all systems reports from one place.

Reports settings

General Details

+ Add or Update a Local Report + Add or Update a Global Report

Report Name	Local	Global	Default	Active	Properties
General					
Complete	-	-	[icon]	Default	[edit]
Customized	-	[icon] [trash]	[icon]	Global	[edit]

✓ New language: Romanian.

Romanian is now one of the 20 languages that SCA, SCA SCOPE and reports are translated.

✓ Customize the Segre-Silverberg (SS) effect value.

Now is possible to change the SS value manually for each analysis.

03. Use manual SS effect	<input checked="" type="checkbox"/>
04. SS effect correction factor	[input] 1.23

- ✓ [New home page with HT information > HT CASA.](#)

Access to htcasa.com website with latest news from Hamilton Thorne, with interesting information about sperm analysis, articles and products.

- ✓ [Added support for database \(SQL server\) encryption.](#)

Now is possible to use encryption in the SQL server database, making the system more secure.



- ✓ [Compatible with Brady printers for QR barcode print.](#)

The system is now compatible with Brady printers, so it's possible to print QR barcodes and use cryogenic labels.



Cryogenic



Test Tube and Vial



Microscope Slide

- ✓ [Compatible with Windows 10 and Windows 11 64-bits.](#)

This new version is only compatible with Windows 10 and 11 at 64-bits. This makes the system more stable, faster and with improved performance.



Windows 10



Windows 11