

SQA-iC⁺+VU⁺

Automated Semen Analysis Solution

Cleared by

Food & Drug
Administration

Health
Canada **CE**



Scan QR to



Learn More



Replaces an Hour
of Manual Testing



Reports 18 Semen
Parameters



Results in
75 Seconds



Cyber Security
ISO 27001



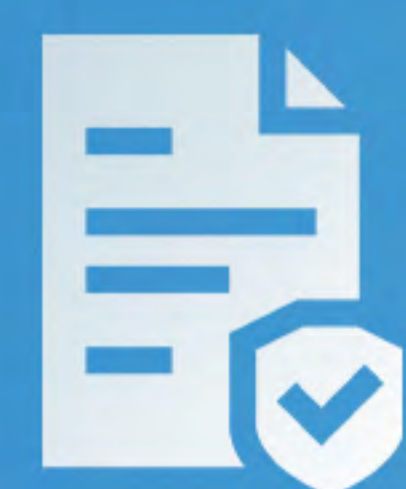
Secure PHI
Privacy Mode



All-In-One PC
Included*



Automated Quality
Control

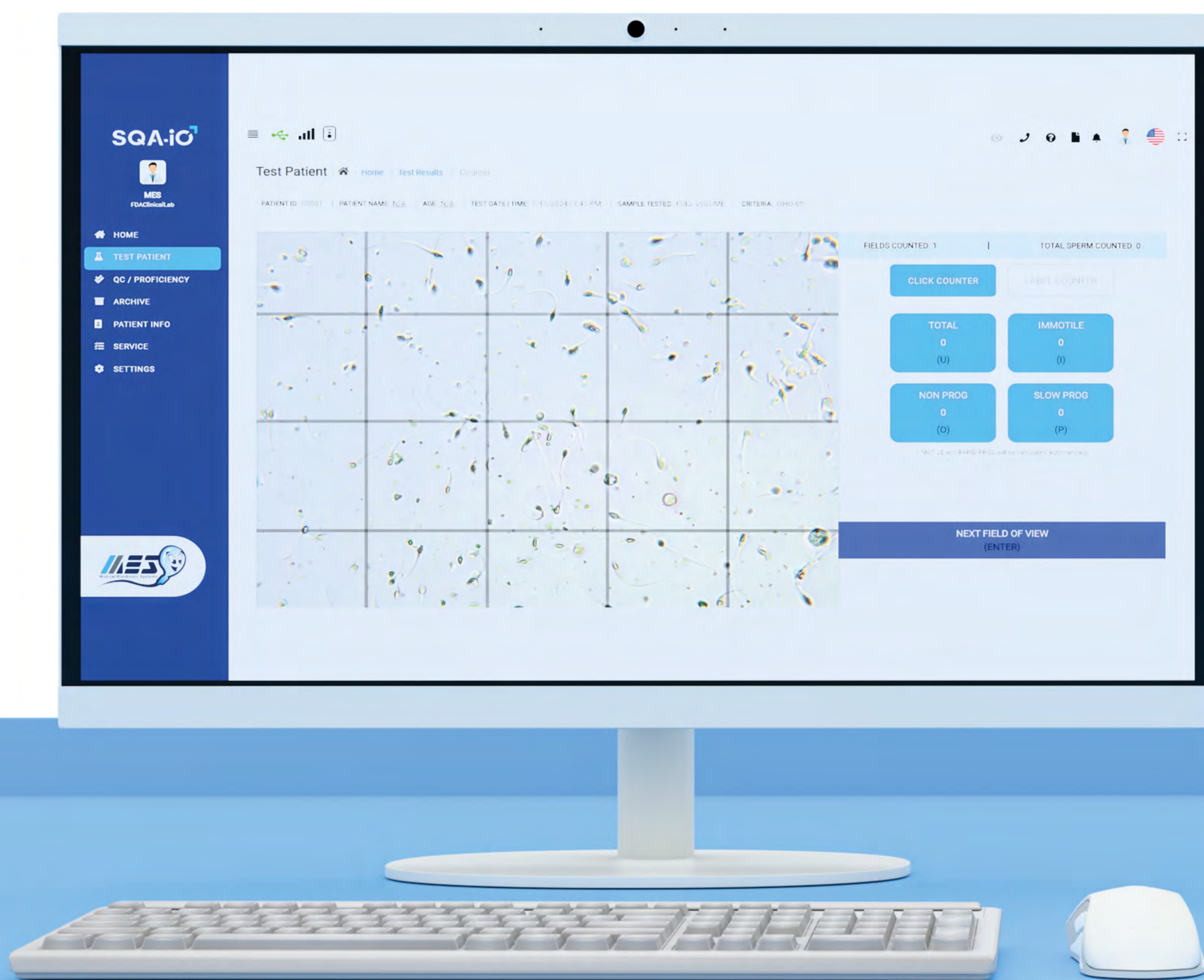


Global Regulatory
Compliance



User-Friendly
Interface

Accurate & Affordable Semen Analysis



 All-In-One PC Included*



Semen Concentration

Measures the Concentration of Sperm Cells in the Semen Sample, Expressed in M/mL and Totals Per Sample.

Motility Results

Assesses the Percentage of Actively Moving Sperm, Categorizing them Into Rapid, Slow, Non-Progressive, and Immotile.

Strict Morphology

Evaluates the Physical Characteristics of the Sperm Cells using Strict Criteria, to report the Percentage of Sperm with Normal vs. Abnormal Morphology.

KEY FEATURES



Starting at \$4,995/-
US & Canada only*



Compact Design



User-Friendly Interface



Secure Data Management



Advanced Visualization



LIS/EMR Interface



Quality Control Features

Versatile Modes & Auto Calibration

SQA-iO⁷+VU⁷

Overview

The **SQA-iO** is an affordable, compact, web-based automated semen analyzer from Medical Electronic Systems. It is offered at an affordable price point for diagnostic sperm testing and fertility sample preparation.

Incorporating the **WHO 6th** Edition standards and results, the **SQA-iO** delivers Sperm Concentration, Motility, Rapid/Slow/Non-Progressive Motility, Normal Morphology, Velocity, Totals, and more in **75 SECONDS!**

SQA-iO⁷



SQA-VU⁷

The **SQA-VU** is a visualization device that replaces the need for a backup microscope. The **SQA-VU** interfaces with the **SQA-iO** sperm quality analyzer.

With a user-friendly interface built into the **SQA-iO** workflow, the **SQA-VU** allows for High Definition image/video capture, debris scanning, low quality sample confirmation, Post-Vas analysis and more. The adjustable stage allows for visualization of **50 unique fields of view!**



All-In-One PC Included*


The **SQA-iO** analyzer comes with a pre-configured **All-In-One PC** designed to simplify the setup process for users. This workstation includes all necessary drivers and software, providing a turnkey solution that ensures ease of use.

The **All-In-One PC** enhances the overall experience by providing a comprehensive, ready-to-use solution that supports efficient sperm analysis. ***Available only in the US & Canada.**



Advanced, Integrated, & Precise Analysis

- ✓ CONCENTRATION
- ✓ MOTILITY
 - ✓ PROGRESSIVE
 - ✓ RAPIDLY PROGRESSIVE
 - ✓ SLOWLY PROGRESSIVE
 - ✓ NON-PROGRESSIVE
- ✓ IMMOTILE
- ✓ STRICT MORPHOLOGY
- ✓ MOTILE SPERM CONC
- ✓ PROGRESSIVE MOTILE SPERM CONC
 - ✓ RAPID PR MOTILE SPERM CONC
 - ✓ SLOW PR MOTILE SPERM CONC
- ✓ FUNCTIONAL SPERM CONC
- ✓ VELOCITY (VCL)
- ✓ TOTAL SPERM
- ✓ TOTAL MOTILE SPERM
- ✓ TOTAL PROGRESSIVE SPERM
- ✓ TOTAL FUNCTIONAL
- ✓ TOTAL NORMAL FORMS

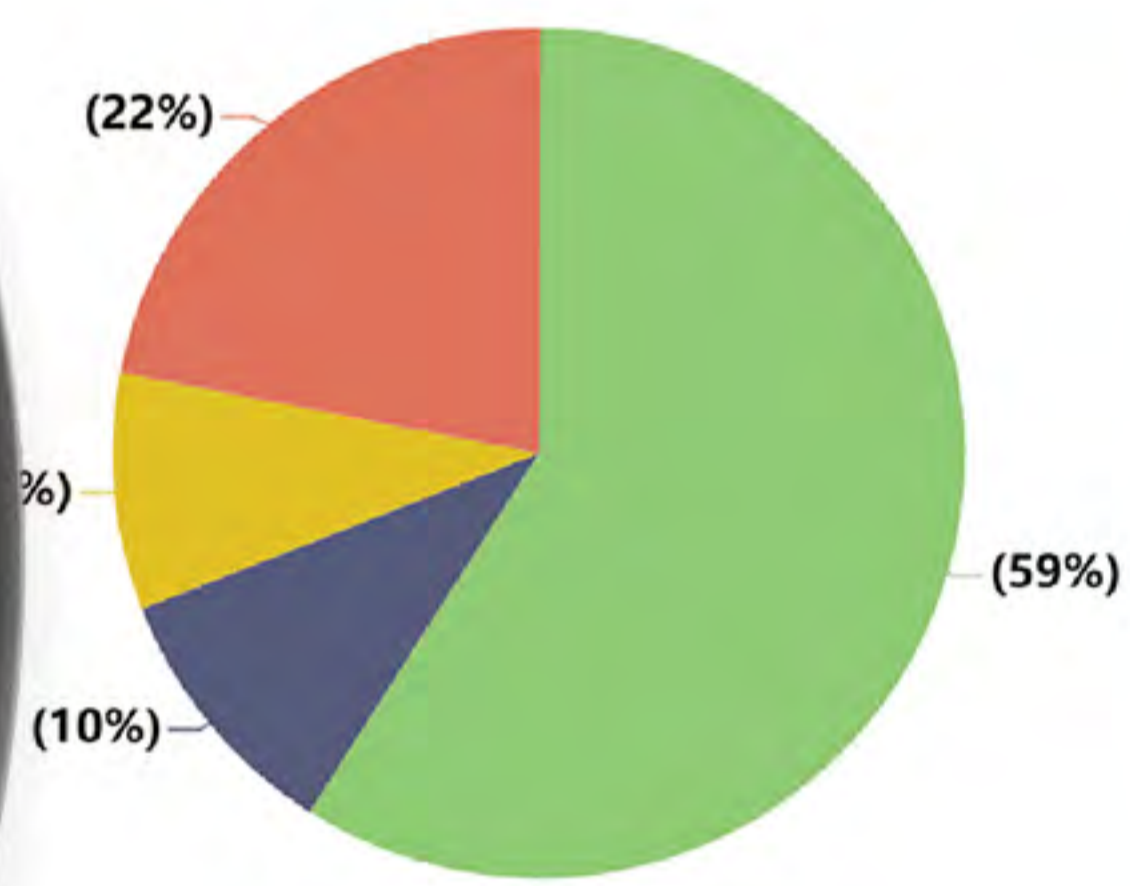


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SQA-iO AUTOMATED SEMEN ANALYSIS RESULTS
SQA-iO MES - Signal Processing Technology

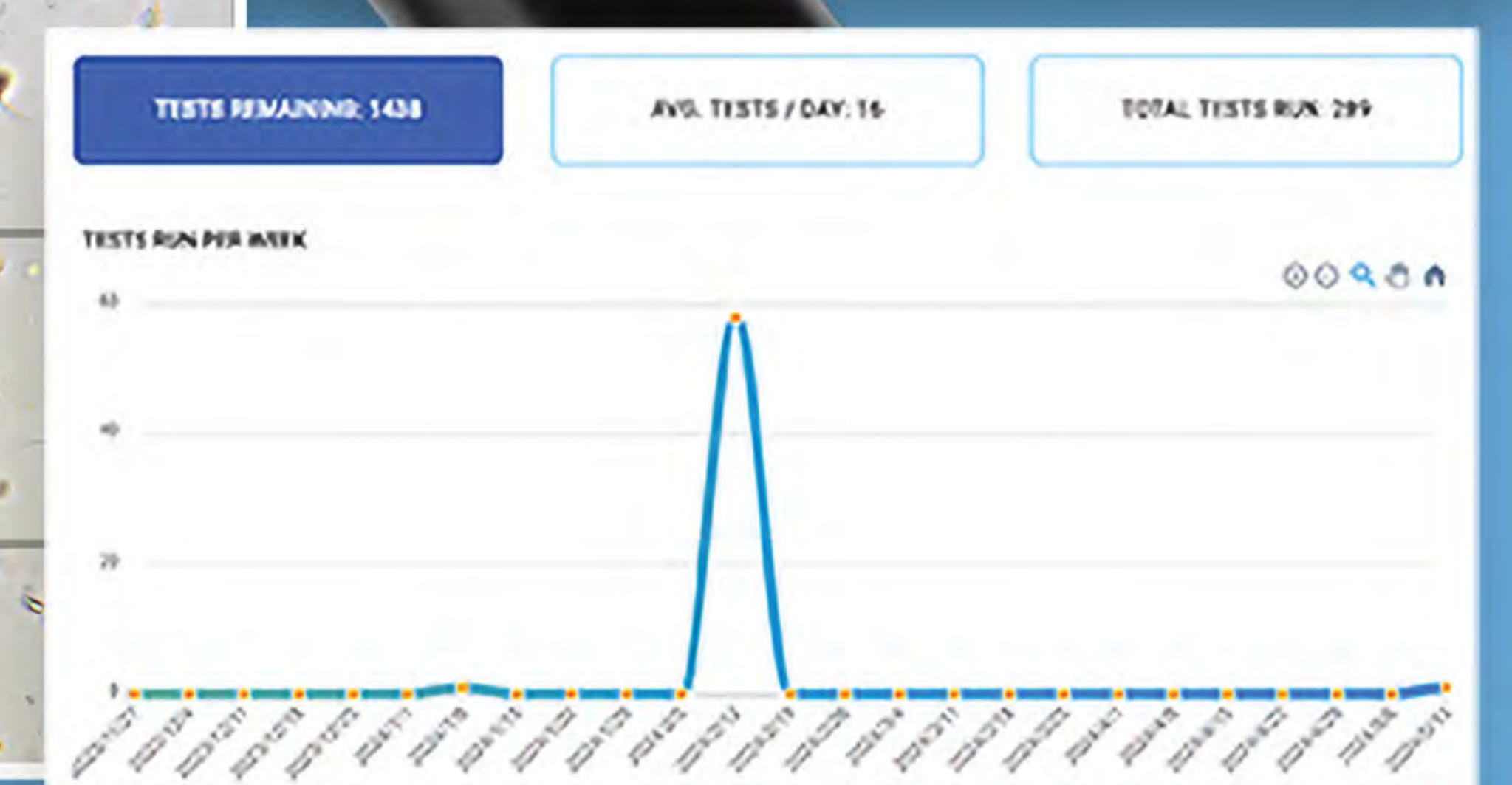
PATIENT INFORMATION:			
FIRST NAME:	Henry	LAST NAME:	Fresh
PATIENT ID:	852963710	AGE:	35
REFERRING DOCTOR:	Dr. Smith	PHONE NUMBER:	
SAMPLE INFORMATION:			
SAMPLE ID:	N/A	pH:	8.5
SAMPLE TYPE:	FRESH	DEBRIS:	Many 31% - 99%
COLLECTED DATE TIME:	6/15/2023 7:29 AM	APPEARANCE:	Normal
RECEIVED DATE TIME:	6/15/2023 7:29 AM	VISCOSITY:	Normal
TEST DATE TIME:	6/15/2023 7:29 AM	LIQUEFACTION:	0-30 Minutes
CRITERIA:		ABSTINENCE (Days):	N/A
VOLE...	(M/ml): <1	SIGNAL 1:	N/A
		SIGNAL 2:	N/A

PARAMETER	VALUE	MOTILITY GRAPH
CONCENTRATION		 <ul style="list-style-type: none"> ■ Rapidly Progressive (%) ■ Slowly Progressive (%) ■ Non-Progressive (%) ■ Immotile (%)
MOTILITY		
PROGRESSIVE		
RAPIDLY PROGRESSIVE	5%	
SLOWLY PROGRESSIVE	10%	
NON-PROGRESSIVE		
IMMOTILE		
NORMAL FORMS		

Signature: *Dr. Smith* Tester Name: DEMO Title (Designation): _____

CNT 429.9 | OD 0.8868

SERVICE DATA - KEY PARAMETERS		
REFERENCE 1 (mV):	220.00	✓
LED CURRENT 1 (mA):	8.00	✓
REFERENCE 2 (mV):	3059.50	✓
LED CURRENT 2 (mA):	14.00	✓
ZERO LEVEL:	513.69	✓
AMPLITUDE (mV):	77.44	✓



The **SQA-iO** is an accurate and affordable cloud-based medical device that delivers comprehensive semen analysis in just **75 seconds**. This innovative solution provides reliable and timely results, seamlessly integrating with LIS/EMR systems for enhanced reproductive health management.

Highly Accurate & Dependable Analysis

SQA-iO⁺+VU⁺

Comparison with Manual Testing



SQA-iO⁺
Testing



Manual
Testing

Low COST Per Test

Only 75 Seconds!

Integrated LIS/EMR

Reliably Accurate

Moderately Complex



High Labor COST

Over 1+ Hour

Prone to Human Error

Reliably Variable

High Complexity

Replacing the Lab Microscope and More!

SQA-iO⁺+VU⁺

LIS/EMR Interface



- ✓ Hospital
- ✓ Fertility Centers
- ✓ Reference Labs
- ✓ Providers
- ✓ Research Institutions
- ✓ Andrology Clinics



- ✓ Automated Data Transfer
- ✓ Real-Time Updates
- ✓ Enhanced Results
- ✓ Error Reduction
- ✓ Compliance Support
- ✓ Customizable Integration

clinisys

Epic

DEPARTMENT OF DEFENSE
MHS
GENESIS
MILITARY HEALTH SYSTEM

DI Data Innovations[®]

✓ **CreliaHealth**

Cerner **MEDITECH**

Scan QR to



Learn More

and many more...

Compatible with Dozens of LIS/EMR Systems