



**THE WORLD LEADER IN AUTOMATED  
SEMEN ANALYZERS**

**SQA-iO<sup>♂</sup>**



*Remember, it All Started with A Sperm*



# SQA-iO

## Clinical Sperm Quality Analyzer

**MEDICAL ELECTRONIC SYSTEMS**, and its subsidiaries are leading edge technology companies specializing in automated semen analysis solutions.

The Company's comprehensive line of FDA and CE approved Sperm Quality Analyzers (SQA) , related andrology kits, Home testing kits and Vet products solve fertility & infertility testing challenges around the world.

Headquartered in Los Angeles, CA., **MEDICAL ELECTRONIC SYSTEMS** is ISO 13485 certified as a medical device manufacturer and conducts R&D operations in Caesarea, Israel, full regulatory compliance in all markets with 25 years experience.

SQA Technology Automated Semen Analysis Solutions for Hospitals, Reproductive Centers Laboratories, and Cryobanks. Same technology platform, MES brought very compact **SQA-iO** Automated Sperm Quality Analyzer- the most standardized and precise solution for semen analysis with basic parameters to **Gynaecologist, Urologist, Physician, Fertility centers and Laboratories...**

**SQA-iO** designed very simple, cloud based testing module and minimal protocol to get instant semen analysis reports.

**SQA-iO** completely remove the subjectivity and provide standardized objective report.

**Sperm quality testing in 75 seconds and delivers WHO 5th criteria parameters**

### Automated Test Results

- Sperm concentration
- Motility
- Motile Sperm Concentration
- Progressive Motile Sperm Concentration
- Normal Morphology
- Total Sperm Numbers
- Total Motile Sperm Concentration

And also provide Graphical view

- Progressive Motility
- Non Progressive Motility
- Immotility

DYNAMIC RANGE OF THE <b>SQA-iO</b>			
SAMPLE	SPERM CONC.	MOTILITY	NORMAL MORPH.
FRESH	2-400 or ≤2M/ml	0-100 %	2-30 %



### FOR INFORMATION & ORDER

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### DISTRIBUTOR

*Remember, it All Started with A Sperm!*



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## SEMEN ANALYSIS RESULTS

### PATIENT INFORMATION

PATIENT ID: 4435353

PATIENT NAME: Dev Agarwal

REFERRING DOCTOR: Dr. Mehta

SAMPLE ID: 454546

BIRTH DATE | AGE: 17/03/1988 | 32

PHONE NUMBER: 815 5641 425

### SAMPLE INFORMATION

SAMPLE TYPE: FRESH

COLLECTED DATE: 20/05/2020 | 10:00

RECEIVED DATE: 20/05/2020 | 10:20

TEST DATE: 20/05/2020 | 11:00

CRITERIA: WHO 5TH

VOLUME (ml): 2.5

WBC CONC. (M/ml): <=1

pH: 7.5

APPEARANCE: NORMAL

VISCOSITY: ABNORMAL

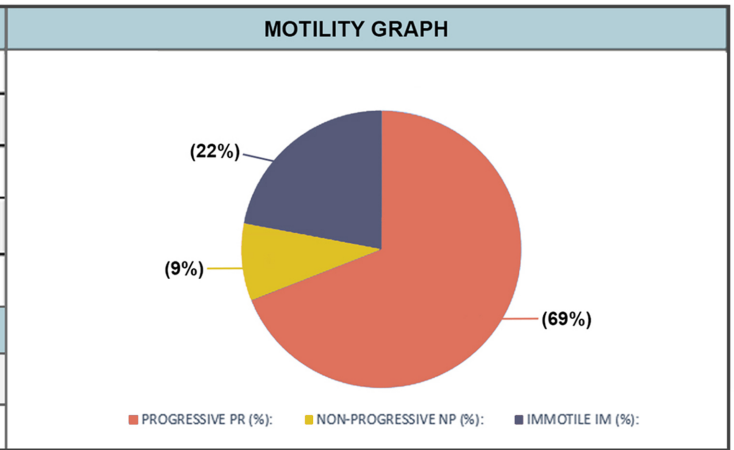
LIQUEFACTION (min): NORMAL

ABSTINENCE (days): 3

OPTIONAL 1: Very clear seminal plasma

OPTIONAL 2: QwikCheck used for liquefaction

PARAMETER	Result	REF.VALUE
CONCENTRATION (M/ml)	24.1	>= 15
TOTAL MOTILE PR + NP (%)	78	>= 40
MOTILE SPERM CONC. (M/ml)	18.8	
PROG. MOTILE SPERM CONC. (M/ml)	16.5	
NORMAL FORMS (%)	20	>=4
<b>TOTALS</b>		
SPERM # (M/ejac)	60.2	>= 39
MOTILE SPERM (M/ejac)	47.1	



Comments: Send results to Dr. Mehta

Signature: \_\_\_\_\_

Tester Name: Neil Patel

Title (Designation): Lab Manager

SQA-iO Device | 20/05/2020 11:30:01 | AVG 55.81 | AW 15427 | CNT 330 | OD 1.126

# MEDICAL ELECTRONIC SYSTEMS( INDIA) PRIVATE LIMITED

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