



**THE WORLD LEADER IN AUTOMATED
SEMEN ANALYZERS**

SQA-iO⁷



Remember, it All Started with A Sperm



SQA-iO⁷

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-iO⁷** 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-iO⁷ designed very simple, cloud based testing module and minimal protocol to get instant semen analysis reports.

SQA-iO⁷ 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 SQA-iO⁷			
SAMPLE	SPERM CONC.	MOTILITY	NORMAL MORPH.
FRESH	2-400 or ≤ 2M/ml	0-100 %	2-30 %



DISTRIBUTOR

EMDIAG SCIENTIFIC,
JAGYAN BUILDING,
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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

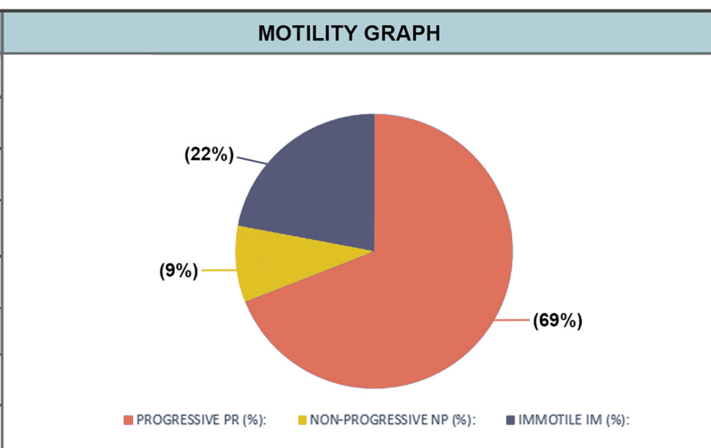
SAMPLE ID:	454546
BIRTH DATE AGE:	17/03/1988 32
PHONE NUMBER:	815 5641 425

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
TOTALS		
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

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