

Before Treatment

Shri
Venkateshwara
Pathology Laboratory

Name : ~~XXXXXXXXXXXX~~
Spouse Name : Sundhatai
Ref by Dr. : Dr. Sunil Kahalekar Sr.
Date : 16.4.11.

Abstinence period : 3 days
Semen sample collected at : lab.
Method of collection : manipulation
Collection time : 9.00 pm
Sample handover time : 9.15 pm

Macroscopic analysis

	Result	Normal	Equivocal	Abnormal
Complete liquifaction time (Min)	<u>31 min</u>	upto 30	30-60	More than 60
Color (PW-Pearl white)	<u>PW</u>	PW to Y	N / A	R/ Other
Viscosity (N-Normal, S-Slight, M-Marked)	<u>N</u>	N	S	m
Volume (ml)	<u>2.1</u>	1.0 - 6.0	0.5 - 0.9	<0.5 or <6.0
pH	<u>7.0</u>	7.6 - 8.2	8.2 - 8.6	<7.6 > 8.6

Dr. Archana L. Bajaj
M.D.(path)

REFERENCE VALUES

PARAMETER	RESULT	WHO Reference Values
Volume	2.1 ml	2.0 ml or more
pH	7.0	7.2 or more
Sperm concentration	6	20 x 10 ⁶ Spermatozoa / ml or more
Total Sperm number	12	40 x 10 ⁶ Spermatozoa per ejaculate or more
Total Motility %	-	50% or more motile
Progressive Motility %	-	25% or more with progressive motility within 60 minutes of ejaculation
Morphology	90%	15% normal
Vitality	-	50% or more live, i.e. excluding dye
White Blood Cells	48	Fewer than 1 X 10 ⁶ / ml
Immunobead Test	-	Fewer than 50% motile spermatozoa with beads bound
MAR Test	-	Fewer than 50% motile spermatozoa with adherent particles.

Very Severe oligospermia with
Neospermia with pyospermia

After Treatment

Shri
Venkateshwara
Pathology Laboratory

Name : XXXXXXXXXX
Spouse Name : bindhulai
Ref by Dr. : Dr. Sunil kahalekar ser.
Date : 19.8.11

Abstinence period : 4 days
Semen sample collected at : lab
Method of collection : manipulation
Collection time : 7.15 pm
Sample handover time : 7.20 pm

Macroscopic analysis

	Result	Normal	Equivocal	Abnormal
Complete liquifaction time (Min)	19 min	upto 30	30-60	More than 60
Color (PW-Pearl white)	pw	PW to Y	N / A	R/ Other
Viscosity (N-Normal, S-Slight, M-Marked)	N	N	S	m
Volume (ml)	2-1 ml	1.0 - 6.0	0.5 - 0.9	<0.5 or <6.0
pH	7.3	7.6 - 8.2	8.2 - 8.6	<7.6 > 8.6

Dr. Archana L. Bajaj
M.D.(path)

REFERENCE VALUES

PARAMETER	RESULT	WHO Reference Values
Volume	2.0 ml	2.0 ml or more
pH	7.3	7.2 or more
Sperm concentration	14	20 x 10 ⁶ Spermatozoa / ml or more
Total Sperm number	28	40 x 10 ⁶ Spermatozoa per ejaculate or more
Total Motility %	70%	50% or more motile
Progressive Motility %	60%	25% or more with progressive motility within 60 minutes of ejaculation
Morphology	88%	15% normal
Vitality	70%	50% or more live, i.e. excluding dye
White Blood Cells	17	Fewer than 1 X 10 ⁶ / ml
Immunobead Test	-	Fewer than 50% motile spermatozoa with beads bound
MAR Test	-	Fewer than 50% motile spermatozoa with adherent particles.

Moderate oligozoospermia