

 PID No.
 : MED111017119
 Register On
 : 12/03/2022 8:48 AM

 SID No.
 : 922015867
 Collection On
 : 12/03/2022 9:55 AM

 Age / Sex
 : 36 Year(s) / Female
 Report On
 : 13/03/2022 2:44 PM



Ref. Dr : MediWheel

Investigation HAEMATOLOGY	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	12.7	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/Derived from Impedance)	39.5	%	37 - 47
RBC Count (EDTA Blood/Impedance Variation)	4.99	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood/Derived from Impedance)	79.0	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/Derived from Impedance)	25.5	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/Derived from Impedance)	32.2	g/dL	32 - 36
RDW-CV (EDTA Blood/Derived from Impedance)	14.8	%	11.5 - 16.0
RDW-SD (EDTA Blood/Derived from Impedance)	40.92	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood/Impedance Variation)	7000	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood/Impedance Variation & Flow Cytometry)	55.9	%	40 - 75
Lymphocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	37.7	%	20 - 45
Eosinophils (EDTA Blood/Impedance Variation & Flow Cytometry)	1.1	%	01 - 06







: Ms. MAYOORI BUJABALI Name

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Printed On

: 16/03/2022 7:15 PM



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: OP

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Monocytes (EDTA Blood/Impedance Variation & Flow Cytometry)	4.8	%	01 - 10
Basophils (EDTA Blood/Impedance Variation & Flow Cytometry)	0.5	%	00 - 02
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	3.91	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	2.64	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.08	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.34	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.04	10^3 / μl	< 0.2
Platelet Count (EDTA Blood/Impedance Variation)	260	10^3 / μl	150 - 450
MPV (EDTA Blood/Derived from Impedance)	8.0	fL	8.0 - 13.3
PCT (EDTA Blood/Automated Blood cell Counter)	0.21	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate)	14	mm/hr	< 20



(EDTA Blood Modified Westergren)





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Investigation BIOCHEMISTRY	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Liver Function Test			
Bilirubin(Total) (Serum/Diazotized Sulfanilic Acid)	0.5	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.2	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.3	mg/dL	0.1 - 1.0
Total Protein (Serum/Biuret)	7.7	gm/dL	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.6	gm/dL	3.5 - 5.2
Globulin (Serum/ <i>Derived</i>)	3.1	gm/dL	2.3 - 3.6
A : G Ratio (Serum/Derived)	1.5		1.1 - 2.2
SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC Kinetic)	17	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC/Kinetic)	15	U/L	5 - 41
Alkaline Phosphatase (SAP) (Serum/IFCC Kinetic)	53	U/L	42 - 98
GGT(Gamma Glutamyl Transpeptidase) (Serum/SZASZ standarised IFCC)	14	U/L	< 38

: 16/03/2022 7:15 PM



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Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/Cholesterol oxidase/Peroxidase)	181	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol phosphate oxidase / peroxidase)	198	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	35	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	106.4	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	39.6	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	146.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1. Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2. It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.



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The results pertain to sample tested.

Page 4 of 11

 PID No.
 : MED111017119
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Ref. Dr : MediWheel

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Type

<u>Investigation</u>	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	5.2		Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	5.7		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	3		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

: 16/03/2022 7:15 PM



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Type : OP Printed On : 16/03/2022 7:15 PM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/ <i>HPLC</i>)	5.4	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %

Estimated Average Glucose 108.28 mg/dL

(Whole Blood)

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia,hyperbilirubinemia,Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbAlC values. Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly,Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbAlc.



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 : 13/03/2022 2:44 PM



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Investigation	<u>Observed</u>	<u>Unit</u>	<u>Biological</u>
•	<u>Value</u>		Reference Interval

IMMUNOASSAY

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.17 ng/mL 0.7 - 2.04

(Serum/CMIA)

INTERPRETATION:

Comment:

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Thyroxine) - Total $10.05 \mu g/dL$ 4.2 - 12.0

(Serum/CMIA)

INTERPRETATION:

Comment:

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) 1.78 µIU/mL 0.35 - 5.50

(Serum/Chemiluminescent Microparticle

Immunoassay(CMIA))

INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester : 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment:

- 1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.
- 2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM. The variation can be of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.
- 3. Values&lt,0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.



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	Value		Reference Interval

CLINICAL PATHOLOGY

PHYSICAL EXAMINATION

Colour (Urine)	Pale Yellow		
Appearance (Urine)	Clear		Clear
Volume (Urine) CHEMICAL EXAMINATION(Automated-	01	mL	
<u>Urineanalyser)</u>			
pH (Urine/AUTOMATED URINANALYSER)	6.0		4.5 - 8.0

(UTINGAUTOMATED UKINANALISEK)		
Specific Gravity (Urine)	1.020	1.002 - 1.035
Ketones (Urine)	Negative	Negative
Urobilinogen (Urine/AUTOMATED URINANALYSER)	0.2	0.2 - 1.0
Blood	Negative	Negative

(Urine/AUTOMATED URINANALYSER)

Nitrite Negative Negative

(Urine/AUTOMATED URINANALYSER)

Bilirubin Negative Negative

 $(Urine/A\,UTOMATED\,\,URINANALYSER)$

Protein Negative Negative

(Urine)

Glucose Negative Negative

Chartha

(Urine)

Consultant Pathologist Reg No : 99049 VERIFIED BY



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<u>Investigation</u>	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Leukocytes (Urine) <u>MICROSCOPY(URINE DEPOSITS)</u>	Negative	leuco/uL	Negative
Pus Cells (Urine/Flow cytometry)	3-4	/hpf	3-5
Epithelial Cells (Urine)	2-3	/hpf	1-2
RBCs (Urine/Flow cytometry)	Nil	/hpf	2-3
Others (Urine)	Nil		Nil
Casts (Urine/Flow cytometry)	Nil	/hpf	0 - 1
Crystals (Urine)	Nil		NIL

: 16/03/2022 7:15 PM





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Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BIOCHEMISTRY			
BUN / Creatinine Ratio	6.3		6 - 22
Glucose Fasting (FBS) (Plasma - F/GOD - POD)	84	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose Fasting - Urine	Negative		Negative
(Urine - F)			
Glucose Postprandial (PPBS)	102	mg/dL	70 - 140
(Plasma - PP/GOD - POD)			

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Glucose Postprandial - Urine (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease-GLDH)	5	mg/dL	7.0 - 21
Creatinine (Serum/Jaffe Kinetic)	0.8	mg/dL	0.6 - 1.1

INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin, cefazolin, ACE inhibitors, angiotensin II receptor antagonists, N-acetylcyteine, chemotherapeutic agent such as flucytosine etc.

Uric Acid 5.2 mg/dL 2.6 - 6.0 (Serum/*Uricase/Peroxidase*)



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: OP **Type**

Printed On : 16/03/2022 7:15 PM

Ref. Dr : MediWheel

Investigation **Observed** <u>Unit</u> **Biological** Value Reference Interval

IMMUNOHAEMATOLOGY

BLOOD GROUPING AND Rh TYPING 'O' 'Positive'

 $({\rm EDTA~Blood} Agglutination)$



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-- End of Report --



Name	MS.MAYOORI BUJABALI	ID	MED111017119
Age & Gender	36Y/FEMALE	Visit Date	12/03/2022
Ref Doctor	MediWheel		

:2:

2D ECHOCARDIOGRAPHY FINDINGS:

Left Ventricle

Normal size, Normal systolic function.

No regional wall motion abnormalities

Left Atrium

Normal

Right Ventricle

Normal

Right Atrium

Normal.

Mitral valve

Normal, No mitral valve prolapse.

Aortic valve

Normal, Trileaflet

Tricuspid valve

Normal.

Pulmonary valve

Normal.

IAS

Intact.

IVS

Intact.

Pericardium

No Pericardial effusion.

IMPRESSION:

- NORMAL SIZED CARDIAC CHAMBERS.
- > NORMAL LV SYSTOLIC FUNCTION. EF: 65 %
- NO REGIONAL WALL MOTION ABNORMALITIES.
- > NORMAL VALVES.
- > NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

(KINDLY CORRELATE CLINICALLY AND WITH ECG)

K.M.C. No.: 32248

DR.SRIDHAR.L MD,DM,FICC. **CONSULTANT CARDIOLOGIST** Ls/ml



Name	MS.MAYOORI BUJABALI	ID	MED111017119
Age & Gender	36Y/FEMALE	Visit Date	12/03/2022
Ref Doctor	MediWheel		

2D ECHOCARDIOGRAPHIC STUDY

M mode measurement:	2D ECHOCARDIOGRAP	HIC STUD	<u>1</u>	
AORTA		:	3.06	cms
LEFT ATRIUM		•	2.57	cms
AVS			1.31	cms
LEFT VENTRICLE	(DIASTOLE)	:	3.71	cms
	(SYSTOLE)	- 14	2.33	cms
VENTRICULAR SEPTUM	(DIASTOLE)	:	1.06	cms
	(SYSTOLE)	an ciam	1.63	cms
POSTERIOR WALL	(DIASTOLE)	angun distance in the little of distance and	1.02	cms
	(SYSTOLE)	•	1.88	ĉms
EDV			58	ml
ESV		:	18	ml
FRACTIONAL SHORTENI	NG		35	%
EJECTION FRACTION		**************************************	65	%
EPSS				cms
RVID		:	1.84	cms

DOPPLER MEASUREMENTS

MITRAL VALVE : 'E' -1.22m/s 'A' -0.66 m/s NO MR

AORTIC VALVE :1.23 m/s NO AR

TRICUSPID VALVE : 'E' -0.68m/s 'A' - m/s NO TR

PULMONARY VALVE :0.84 m/s NO PR



дe	MS.MAYOORI BUJABALI	ID	MED111017119
Age & Gender	36Y/FEMALE	Visit Date	12/03/2022
Ref Doctor	MediWheel		

:2:

OVARIES are normal size, shape and echotexture Right ovary shows a follicle measuring 18 x 16mm. Ovaries measures as follows:

Right ovary: 2.8 x 2.0cms. Left ovary: 2.3 x 1.2cms.

POD & adnexa are free.

No evidence of ascites.

Impression:

- Bulky uterus
- Increased hepatic echopattern suggestive of fatty infiltration

CONSULTANT RADIOLOGISTS:

DR. H. K. ANAND DR. PRAJNA SHENOY

DR. MAHESH. M. S

DR. RADHA KRISHNA. A.

DR. HIMA BINDU.P Ms/pu





Name	MS.MAYOORI BUJABALI	ID	MED111017119
Age & Gender	36Y/FEMALE	Visit Date	12/03/2022
Ref Doctor	MediWheel	-	

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size and has increased echopattern. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER show normal shape and has clear contents. Gall bladder wall is of normal thickness. CBD is of normal calibre.

PANCREAS has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN show normal shape, size and echopattern.

No demonstrable Para -aortic lymphadenopathy.

KIDNEYS move well with respiration and have normal shape, size and echopattern. Cortico- medullary differentiations are well madeout. No evidence of calculus or hydronephrosis.

The kidney measures as follows

Bipolar length (cms)		Parenchymal thickness (cms)	
Right Kidney	9.0	1.5	
Left Kidney	9.1	1.6	

URINARY BLADDER show normal shape and wall thickness. It has clear contents. No evidence of diverticula.

UTERUS is anteverted and bulky in size.

It has uniform myometrial echopattern.

Endometrial echo is of normal thickness – 9.0mms.

Uterus measures as follows:

LS: 9.7cms AP: 3.8cms

TS: 5.3cms.





Name	MAYOORI BUJABALI	Customer ID	MED111017119
Age & Gender	36Y/F	Visit Date	Mar 12 2022 8:47AM
Ref Doctor	MediWheel		

X-RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

Impression: Essentially normal study.

DR. H.K. ANAND

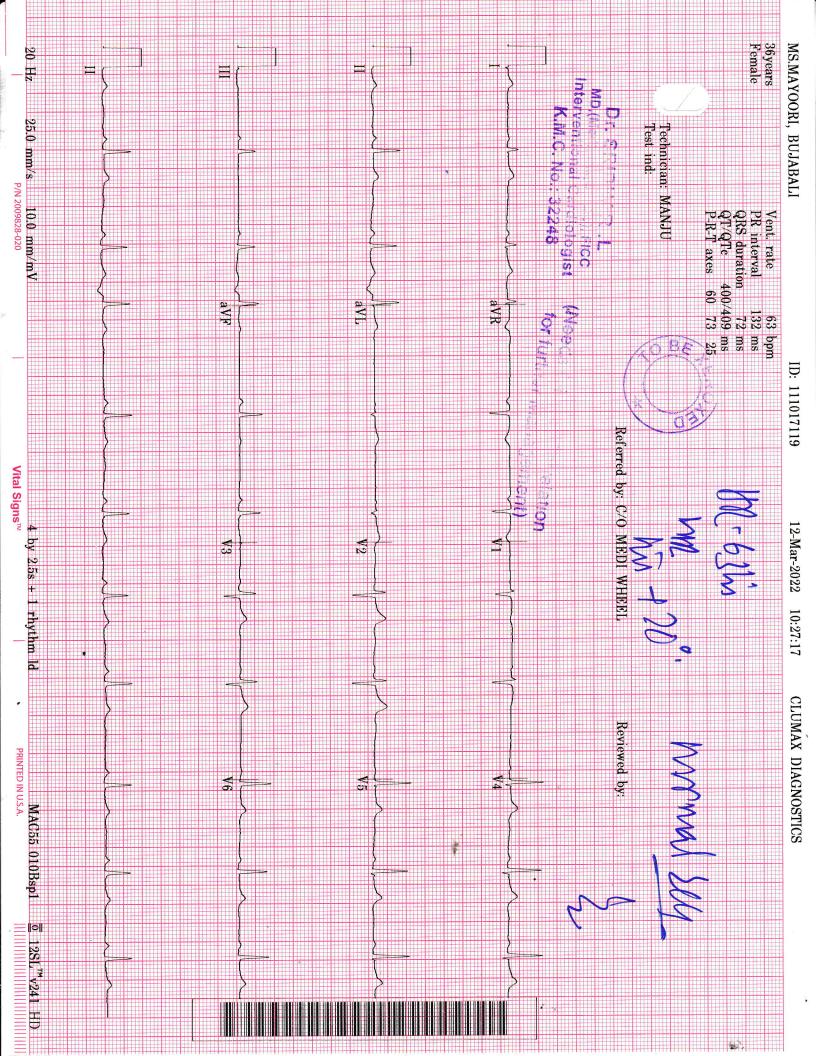
DR. SHWETHAS

DR. PRAJNA SHENOY

DR. MAHESH M S

CONSULTANT RADIOLOGISTS





	Maynesi		
Customer Name	May Bhyaboli	Customer ID	111017119
Age & Gender	36 female	Visit Date	12/3/22

Eye Screening

With spectacles / without spectacles (strike out whichever is not applicable)

Right Eye

Near Vision

No Colour Vision

Right Eye

No Colour Vision

Right Eye

No Colour Vision

No Colour Vision

No Colour Vision

Observation / Comments: N Oom &

L) cur-

Dr. RAVI V. HALAKATTI M.S. (OPFITH) EYE SUNGEON Ragd. No. 11891