



Patient Name : MRS. LAKSHMI
 Age / Sex : 43 years / Female
 Mobile No. : 9443756089
 Ref. By : SELF
 Organization : DIRECT

Patient ID : 34665
 Registered On : 19/01/2021, 05:34 PM
 Received On : 17/07/2021, 01:35 PM
 Reported On : 17/07/2021, 02:22 PM
 Sample ID :



211980095

HAEMATOLOGY

Test Name : **COMPLETE BLOOD COUNT**
 Sample Type : **EDTA**

Test Description	Value(s)	Unit(s)	Reference Range
Haemoglobin Method : Photometric	8.7	gm/dl	male: 14.0-18.0 female: 12.0-16.0
Total WBC Count Method : Method: Dual Focused Flow cytometry	12100	cells/cumm	4000 - 10000

Differential Count

Polymorph Neutrophils	64.6	%	40 - 80
Lymphocytes	25.0	%	20 - 40
Eosinophils	0.1	%	1 - 6
Monocytes	9.9	%	2 - 10
Basophils	0.4	%	0 - 2
RBC Count Method : Method: Electrical Impedance	2.54	millions/cumm	3.5 - 5.0
Hematocrit(PCV) Method : Method: Automated	24.6	%	38 - 45
MCV	96.8	fL	80.0 - 100.0
MCH	34.3	pg	29 - 32
MCHC	35.4	%	32 - 36
RDW	14.7	%	11.6 - 15.1
Platelet Count Method : Electrical Impedance	1.74	lakhs/cumm	1.5 - 4.0

SEROLOGY

Test Name : **DENGUE ANTIGEN SPECIFIC ANTIBODIES**
 Sample Type : **SERUM**

NS1 Antigen Method : Rapid Card	:- Negative
IgM Antibody	:- Negative
IgG Antibody	:- Negative

The reported results are for information & for interpretation of the referring doctor only. It is presumed that the tests performed on the specimen belong to the patient named or identified. Results of test may vary from lab to lab also in same parameters from time to time for the same patient. Should the results indicated an unexpected abnormality, the same be reconfirmed with higher method. This report is not valid for medico legal purposes.

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Dr. M. Arun Kumar - Radiologist.

Dr. S.K. Kausalya - Pathologist.

Patient Name : MRS. LAKSHMI
 Age / Sex : 43 years / Female
 Mobile No. : 9443756089
 Ref. By : NARAYANA HIRUDHALAYA
 Organization : HOSPITAL DIRECT

Patient ID : 34665
 Registered On : 19/01/2021, 05:34 PM
 Received On : 14/07/2021, 01:01 PM
 Reported On : 15/07/2021, 03:05 PM
 Sample ID

: 34665
 : 19/01/2021, 05:34 PM
 : 14/07/2021, 01:01 PM
 : 15/07/2021, 03:05 PM



HAEMATOLOGY

Test Name : **COMPLETE BLOOD COUNT**

Sample Type : **EDTA**

Test Description	Value(s)	Unit(s)	Reference Range
Haemoglobin Method : Photometric	8.8	gm/dl	male: 14.0-18.0 female: 12.0-16.0
Total WBC Count Method : Method: Dual Focused Flow cytometry	8100	cells/cumm	4000 - 10000

Differential Count

Polymorph Neutrophils	36.0	%	40 - 80
Lymphocytes	46.5	%	20 - 40
Eosinophils	0.3	%	1 - 6
Monocytes	15.9	%	2 - 10
Basophils	1.3	%	0 - 2
RBC Count Method : Method: Electrical Impedance	2.56	millions/cumm	3.5 - 5.0
Hematocrit(PCV) Method : Method: Automated	25	%	38 - 45
MCV	97.7	fL	80.0 - 100.0
MCH	34.5	pg	29 - 32
MCHC	35.3	%	32 - 36
RDW	14.2	%	11.6 - 15.1
Platelet Count Method : Electrical Impedance	2.07	lakhs/cumm	1.5 - 4.0

Test Name : **PERIPHERAL SMEAR STUDY**

Sample Type : **EDTA**

PERIPHERAL SMEAR EXAMINATION

RBC MORPHOLOGY	:- Show mild anisopoikilocytosis with majority being normocytic normochromic cells. Occasional microcytes and schistocytes are seen.
WBC MORPHOLOGY Method : microscopy	:- are normal in number with shift to left in neutrophil series showing a few immature band forms.
PLATELET ON SMEAR	:- are adequate in number & found in singles.

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Mrs. C. Lakshmi 40 y female.

9/7/2001

ACEF - Acute - Coxs - P. DICE

Chronic - Coxs - Cryptococcus
jaundice / ascites / HF. → Impairing
or LT recovery.

① Recently discharged.
② defected in the v/o
fever Dengue Sigm ③

Macular Rash ④

Adm.

fever - 1 episode yesterday 1. T. Paracet 5mg OD
Rashes present 2. Cetaphil lotion 2pr. *

3. S. Refugut (50) 1 BD
1 mg

CBC, RFT, LFT, INR.
- USG Abdomen. 4. T. UDILIV 300mg $\frac{1}{2}$ - 0 - $\frac{1}{2}$.
5. C. Ato 2 1 cup OD.

Dermatology opinion in the
v/o maculo papular rash.
pearls same in ectocervix.

Dr.

Dr. Umay Kere



(Hepatology & LT)

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497

NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

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Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Ph: 9670325999.

Advise K+ rich diet.

LTT - 2.6/0.1

82/42

137/284

T. CEFTUM 500mg D. BD
T. Levoflox 500mg 100 }
 100 } Tolys

CBC - 8.4/4.4/148

T. G-CSF 300ug 8/6 stat

DHL - N₁₃ L₄₀ M₄₃

Eq

/ repeat of CBC, & peripheral smear, ~~BG~~
& blood culture, & procalcitonin

19/7/21

Rho in ser.

Cbc

PLT - 12100

DC - 1005 L26.

Q

Dr. Vinay

Advise:

Repeat CBC, Dengue IgM
Blood Gs, } on Thursday
Dengue IgM, Gs

Q

Dr. Vinay Deo

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: M02107090318	Collected On	: 09/07/2021 12:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 09/07/2021 12:53 PM
		Reported On	: 09/07/2021 01:59 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diaz Method	<u>2.60</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	0.10	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>2.50</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	6.9	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>3.2</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	<u>3.7</u> H	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	<u>0.86</u> L		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>82</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>42</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	<u>137</u> H	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>284</u> H	U/L	12-43

Kindly correlate with clinical findings
Notes : Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin). Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin. Delta Bilirubin is not expected to be present in healthy adults or neonates.

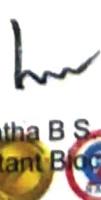
Report relates to sample tested

Dr. P.R Rekha

Dr.Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab
Director



Mrs. Latha B S, M.Sc., M.Phil,
Consultant Biochemist NH Helpline
080-7122 2222



Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: M02107090318	Collected On	: 09/07/2021 12:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 09/07/2021 12:53 PM
		Reported On	: 09/07/2021 01:59 PM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT RANDOM)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	22.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	0.58	mg/dl	0.52-1.04
eGFR - Calculated	115.14	mL/min/1.73 m ²	Indicative of renal impairment : < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.
BLOOD UREA NITROGEN (BUN) - Endpoint/Colorimetric - Urease	<u>21</u> H	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>133</u> L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>3.1</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	99	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>8.6</u> L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	<u>1.10</u> L	mg/dL	1.6-2.3

Report relates to sample tested Kindly correlate with clinical findings.

Dr. P.R. Rekha

Dr. Rekha PR MBBS MD Pathology 250
Consultant Histopathology and Lab
Director



Mrs. Latha B S, M.Sc., M.Phil,
Consultant Biochemist NH Helpline
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Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area

Page 2 / 7 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648

CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 40 Year(s) / Female
Sample No : M02107090318
Consulting DR : Raghavendra C V
Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : LIVER TRANSPLANT
Specimen : SERUM
Visit Type : OP
Collected On : 09/07/2021 12:04 PM
Referred DR : Dr.Raghavendra C V
Received On : 09/07/2021 12:53 PM
Reported On : 09/07/2021 01:59 PM
Report Type : Final

Test	Result	Unit	Biological Reference Interval
URIC ACID - Colorimetric - Uricase,Peroxidase	5.0	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>4.60</u> H	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	121	mg/dL	70-140 ADA Standards 2020

Report relates to sample tested. Kindly correlate with clinical findings.

Dr. Rekha PR MBBS MD Pathology
 Consultant Histopathology and Lab
 Director



Mrs. Latha B S. M.Sc., M.Phil,
 Consultant Biochemist



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 CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: M32107090225	Collected On	: 09/07/2021 12:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 09/07/2021 12:53 PM
		Reported On	: 09/07/2021 03:27 PM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.40</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.54</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>23.9</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	94.2	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	<u>33.00</u> H	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.10</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>20.10</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>148</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	4.4	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	<u>13</u> L	%	35-66
Lymphocytes	40	%	24-44
Monocytes	<u>43</u> H	%	3-6
Eosinophils	<u>04</u> H	%	0-3

Report relates to sample tested. Kindly correlate with clinical findings.

Dr. Shalini K S, DCP, DNBJunior
Consultant Laboratory Haematology
080-7122 2222

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: M12107090050	Collected On	: 09/07/2021 12:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraaharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 09/07/2021 12:53 PM
		Reported On	: 12/07/2021 05:37 PM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
DENGUE - IGM + NS1			
DENGUE - IGM (ELISA)	Positive		

Report relates to sample tested. Kindly correlate with clinical findings.



Dr. Prasadini Guru Associate
Consultant MD Microbiology
NABH Approved Laboratory
080-7122 2222

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: M12107090050	Collected On	: 09/07/2021 12:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 09/07/2021 12:53 PM
		Reported On	: 12/07/2021 05:37 PM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
DENGUE -NS1 Ag - Immunochromatography	Negative		Negative

Report relates to sample tested. Kindly correlate with clinical findings.



k. d. murti

Dr. Mallika Reddy KMBBS, MD
Consultant



Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: CS2107090037	Collected On	: 09/07/2021 12:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 09/07/2021 12:53 PM
		Reported On	: 09/07/2021 01:37 PM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>13.0</u> H	sec	9.3-12.6
Mean Normal PT (MNPT)	10.9	sec	9.3-12.6
INR	<u>1.23</u> H		< 1

Report relates to sample tested. Kindly correlate with clinical findings.



Hema S
Dr. Hema S, MD, DNB Associate
Consultant, Hematology
NH HelpLine
080-7122 2222



Patient Name : MRS. LAKSHMI
 Age / Sex : 43 years / Female
 Mobile No. : 9443756089
 Ref. By : NARAYANA HIRUDHALAYA HOSPITAL
 Organization : DIRECT

Patient ID : 34665
 Registered On : 19/01/2021, 05:34 PM
 Received On : 14/07/2021, 01:01 PM
 Reported On : 15/07/2021, 08:30 PM
 Sample ID :



BIOCHEMISTRY

Test Name : PROCALCITONIN
 Sample Type : SERUM

Test Description	Value(s)	Unit(s)	Reference Range
Procalcitonin Method : Serum, CLIA	0.22	ng/mL	Low Risk of severe sepsis and/or septic shock: < 0.5 High Risk of severe sepsis and/or septic shock: > 2

INTERPRETATION :

1. PCT is the prohormone of calcitonin secreted by different types of cells from numerous organs in response to? proinflammatory stimulation, particularly bacterial stimulation.
2. Depending upon clinical background, PCT > 0.1 can indicate clinically relevant bacterial infection, requiring antibiotic treatment.
3. PCT is an important marker enabling specific differentiation between bacterial infection and other causes of inflammatory reactions
4. Resolution of septic infection is accompanied by decreases in PCT concentration which returns to normal with half life of 24 hours
5. In certain situations (newborns, polytrauma, burns, major surgery, prolonged or severe cardiogenic shock etc) PCT elevation may be independent of any infectious aggression.
The return to normal values is usually rapid
6. Viral infections, allergies, autoimmune diseases and graft rejection do not lead to significant increase in PCT. Localized bacterial infections can lead to moderate increase in PCT levels.

Lab Technologist

Verified By

Dr. S. K. Kausalya
Pathologist & Lab Director

END OF REPORT

The reported results are for information & for interpretation of the referring doctor only. It is presumed that the tests performed on the specimen belong to the patient named or identified. Results of test may vary from lab to lab also in same parameters from time to time for the same patient. Should the results indicated an unexpected abnormality, the same be reconfirmed with higher method. This report is not valid for medico legal purposes.

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DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: Nasopharyngeal & Oropharyngeal
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: 5M2107220053	Collected On	: 22/07/2021 02:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 22/07/2021 03:20 PM
		Reported On	: 22/07/2021 09:06 PM
		Report Type	: Final

MOLECULAR LABORATORY

Test	Result	Unit	Biological Reference Interval
COVID 19 PCR			
*SARS-CoV-2 - Real Time PCR	Negative		
*RNASE P- Positive Control	Positive		
*RESULTS & INTERPRETATION	NEGATIVE FOR SARS - CoV-2		
SRF ID	2952514575720		

ICMR registration no : NHLBK

Note: Coronavirus Disease 2019 (COVID-19) test is a real-time RT-PCR test intended for the in vitro qualitative detection of nucleic acid from severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2).

Positive results are indicative of the presence of SARS-CoV-2 RNA; clinical correlation with patient history and other diagnostic information is necessary to determine patient infection status. Positive results do not rule out bacterial infection or co-infection with other viruses. Negative results do not preclude SARS-CoV-2 infection and should not be used as the sole basis for patient management decisions. Negative results must be combined with clinical observations, patient history, and epidemiological information.

This report relates only to the sample tested. It does not relate to other samples tested at the same time or on the same day.

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab
Director




Dr. Prasadini Guru Associate
Consultant MD Microbiology



080-7122 2222

Narayana Hrudayalaya Limited



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CIN : U85110KA2000PLC027497 Web: narayanahealth.org



080-7122 2222

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: Nasopharyngeal & Oropharyngeal
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: 5M2107220053	Collected On	: 22/07/2021 02:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 22/07/2021 03:20 PM
		Reported On	: 22/07/2021 09:06 PM
		Report Type	: Final

Advisory for people undergoing testing for COVID-19

If COVID Negative:

- Please call free helpline Apthamitra -14410 in case of any symptoms of fever, cough or breathlessness.
- Avoid going out, except in unavoidable circumstances.
- Wear a mask while going out Stay safe — stay healthy

If COVID Positive:

- If you have any symptoms of breathlessness, please contact 108 for free ambulance service for admission in Covid hospital.
- If asymptomatic:
 - Stay Isolated at home
 - Government officials will get in touch with you soon to assess your medical condition by triaging
- Do Not panic, be clam, be confident.
More than 95% have recovered
Seek Help when in need — Call 104 and press 4, if you are in Distress — Very anxious, low mood, disturbance in sleep and appetite.
Being positive helps in fast recovery, Best Wishes

Note:
Abnormal results are highlighted.
Results relate to the sample only.
Kindly correlate clinically.

-- End of Report --

Dr. P.R. Rekha
DrRekha PR MBBS MD Pathology
Consultant Histopathology and Lab
Director



Dr. Prasadini GuruAssociate
Consultant MD Microbiology





DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: URINE
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: M62107220046	Collected On	: 22/07/2021 02:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 22/07/2021 03:20 PM
		Reported On	: 22/07/2021 04:30 PM
		Report Type	: Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION(Manual Method)

Volume	20	ml	
Colour	Pale yellow		
Appearance	Clear		
Sp. Gravity - Automated	1.005		1.002-1.03

CHEMICAL EXAMINATION(Automated Dipstick Method)

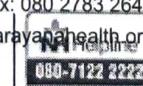
pH(REACTION) - pH indicator method	6.5		4.8-7.5
Protein ,Error of indicators	Negative		
Urine Glucose - GOD/POD	Negative	.	
Ketone Bodies ,Rother's principle	Negative		
Bile Salts ,Diazot reaction	Negative		
Bile Pigment (Bilirubin) ,Diazot reaction	Negative		
Urobilinogen ,Modified Ehrlich's reaction	Normal		
Blood Urine ,Peroxidase reaction	Negative		
Urine Leucocyte Esterase ,Esterase reaction with pyrrole compound	Negative		
Nitrite ,Reaction with diazonium compound	Negative		

Dr. Sudarshan Chougule, MD.

Consultant & Head Haematology
Flow Cytometry

NH Health City

080-7122 2222



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: URINE
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: M62107220046	Collected On	: 22/07/2021 02:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraaharam Krishnagiri Hosur Tamil Nadu,India	Received On	: 22/07/2021 03:20 PM
		Reported On	: 22/07/2021 04:30 PM
		Report Type	: Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
MICROSCOPIC EXAMINATION			
Pus Cells	2-3/hpf	/HPF	0-2
Epithelial Cells	3-4/hpf L	/HPF	2-3

This report relates to sample tested in kind and reflects with clinical findings.



Dr. Sudarshan Chougule, MD.
Consultant & Head, Haematology
Flow Cytometry



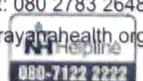
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Page 2 of 6

Narayana Hrudayalaya Limited

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Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648

CIN : U85110KA2000PLC027497 Web: narayanahealth.org



080-7122 2222



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	: M32107220255	Collected On	: 22/07/2021 02:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraham Krishnagiri Hosur Tamil Nadu, India	Received On	: 22/07/2021 03:20 PM
		Reported On	: 22/07/2021 03:56 PM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.50</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.51</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>24.9</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	99.3	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	<u>33.70</u> H	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	33.90	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>16.70</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	153	Thousand / µL	150-450
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	6.2	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	51.7	%	35-66
Lymphocytes	33.7	%	24-44
Monocytes	<u>13.4</u> H	%	3-6
Eosinophils	0.0	%	0-3
Basophils	<u>1.2</u> H	%	0-1

Report related to sample collected on



Dr. Shalini K S, D.P., DNB Junior
Consultant Laboratory Haematology



080-7122 2222



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DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: LIVER TRANSPLANT
Name	: Mrs C Lakshmi	Specimen	:
Age / Sex	: 40 Year(s) / Female	Visit Type	: OP
Sample No	:	Collected On	: 22/07/2021 02:04 PM
Consulting DR	: Raghavendra C V	Referred DR	: Dr.Raghavendra C V
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu,India	Received On	: 22/07/2021 03:20 PM
		Reported On	:
		Report Type	:

Note:

Abnormal results are highlighted.
Results relate to the sample only.
Kindly correlate clinically.

Report relates to sample tested. Kindly correlate with clinical findings.



Dr. Raghavendra CV

Consultant Hepatobiliary and Liver Transplant Surgeon
MS(Gen.Surgery), DNB (Surgical Gastroentrology),
Fellowship in Hepatobiliary Surgery & Liver Transplant



Smt. C. Lakshmi

09/09/2021

Aclif status

? DLI : Dengue IgM +ve, in between

Rash +
(? Dengue)

Plan

- CBC, LFT, RFT, PT/INR, Dengue IgM

- Dermatology Opinion

- Tab. VBact 1st 1-0-1. x 10 days

13/09/2021

Dengue IgM → Positive (Done on 09/09/2021)

Dengue NS1 → Negative

- Continues to have spikes of fever, Grd 3-4 days.

(≥ 100 - 101°F)

Tolerating orally



PATIENT HELPLINE
186-0208-0208

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T/C \rightarrow 4,400

N \rightarrow 13%

PLT \rightarrow 148,000

T.Bili \rightarrow 2.6

AST \rightarrow 82

ALT \rightarrow 42

Plan

- Close monitoring
- Lab, as advised by Dr. Vinay
- Needs admission, if fever continues to

Spiric

- T.Dolo, 60mg 1st SOS/fever

24

24

Dr. Raghavendra CV

Consultant Hepatobiliary and Liver Transplant Surgeon
MS(Gen.Surgery), DNB (Surgical Gastroenterology),
Fellowship in Hepatobiliary Surgery & Liver Transplant



Smt. Lakshmi, 43 yrs

24/08/2021

JCHD, with post Hypertension.

No fever

No loss of appetite

~~He Haigall P~~

~~Blood & urine ds
negative (in recent
part)~~

→ Nepheo-HP powder
A-A-A-A

→ High protein diet

→ Incentive Spirometry

Plan → Formal opinion for
haigall
— PAC review (Dr. Shabala)

- ✓ 24 hr urine protein studies
- ✓ COVID-19, RT-PCR test for
Both Recipient & Donor



PATIENT HELPLINE
186-0208-0208

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Email: info.msmc@narayanahealth.org, www.narayanahealth.org

Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: OSR	Date	: 09.07.2021

ULTRASOUND ABDOMEN AND PELVIS

CLINICAL DETAILS: ? DILI.

FINDINGS:

Liver is normal in size (14.0 cm) and shows mild coarse echotexture. No intra or extra hepatic biliary duct dilatation. No focal lesions.

Portal vein is normal in course (12.3 mm) and caliber. Hepatic veins and their confluence draining into the IVC appear normal. **CBD** is not dilated.

Gallbladder is distended and shows echogenic sludge within. No evidence wall thickening / pericholecystic fluid.

Pancreas to the extent visualized, appears normal in size, contour and echogenicity.

Spleen is normal in size (10.6 cm), shape, contour and echopattern. No evidence of mass or focal lesions.

Right Kidney is normal in size (measures 9.7 cm in length & 1.9 cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Left Kidney is normal in size (measures 10.2 cm in length & 2.7 cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Retroperitoneum – Obscured by bowel gas.

Urinary Bladder is well distended. Wall thickness is normal. No evidence of calculi, mass or mural lesion.

Uterus is anteverted and normal in size, measures 6.8 x 5.2 x 3.9 cm. Myometrial and endometrial echoes are normal. **Endometrium** measures 6.7 mm. Endometrial cavity is empty.

Both ovaries are normal in size and echopattern.

Right ovary: measures 3.1 x 1.9 cm. **Left ovary:** measures 2.7 x 1.4 cm.

Both adnexa: No mass is seen.

There is no ascites or pleural effusion.

IMPRESSION:

- Mild coarse echotexture, of concern for chronic liver parenchymal disease.
- Gallbladder sludge.

Dr. Arpita Sanikop
Sr. Registrar

Typed By: Shobha G @ 3:29:24 PM, 7/9/2021.

Dr. Santhosh Kumar D G
Consultant Radiologist



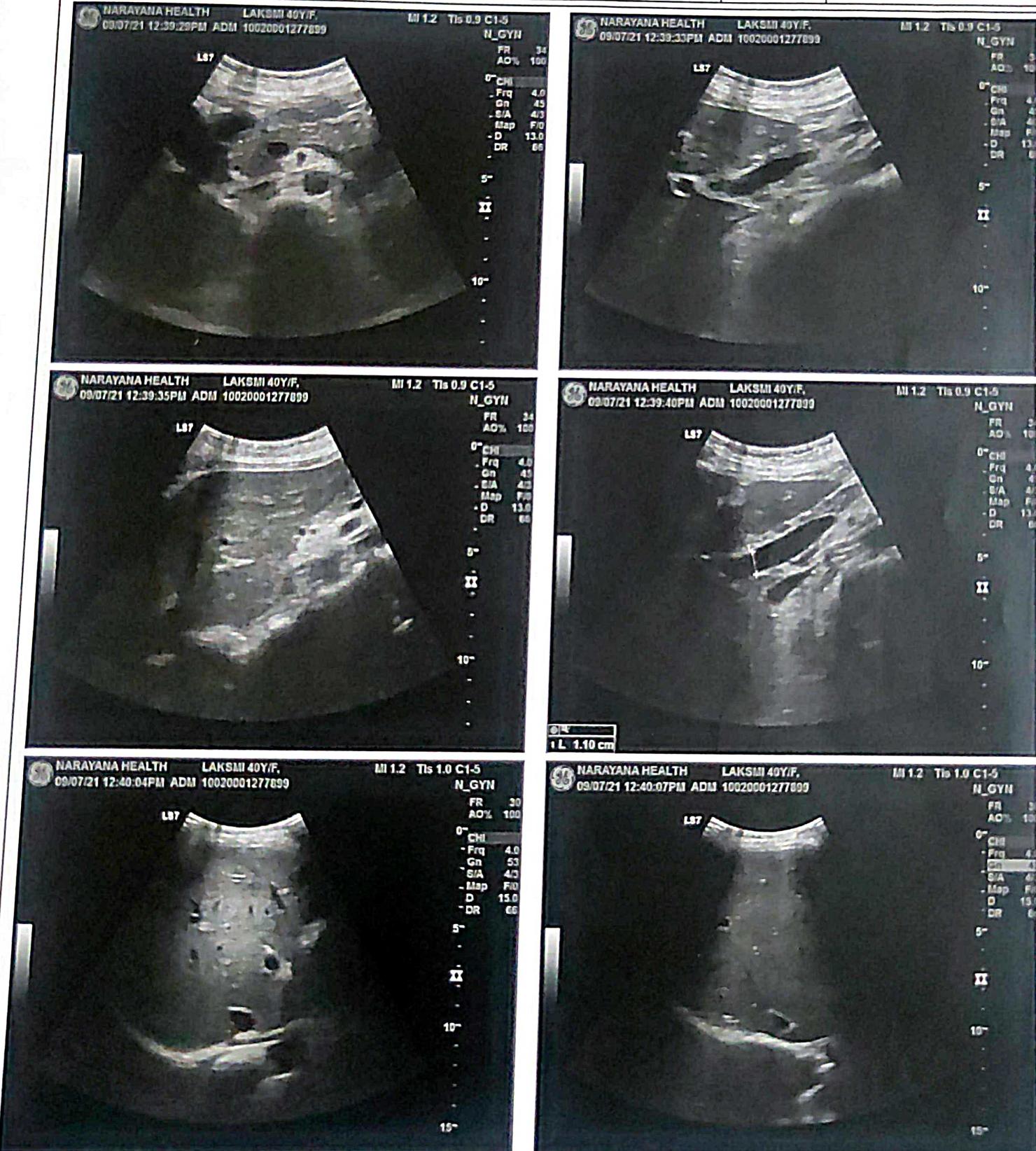
Appointments

1800-309-0309 (Toll Free)

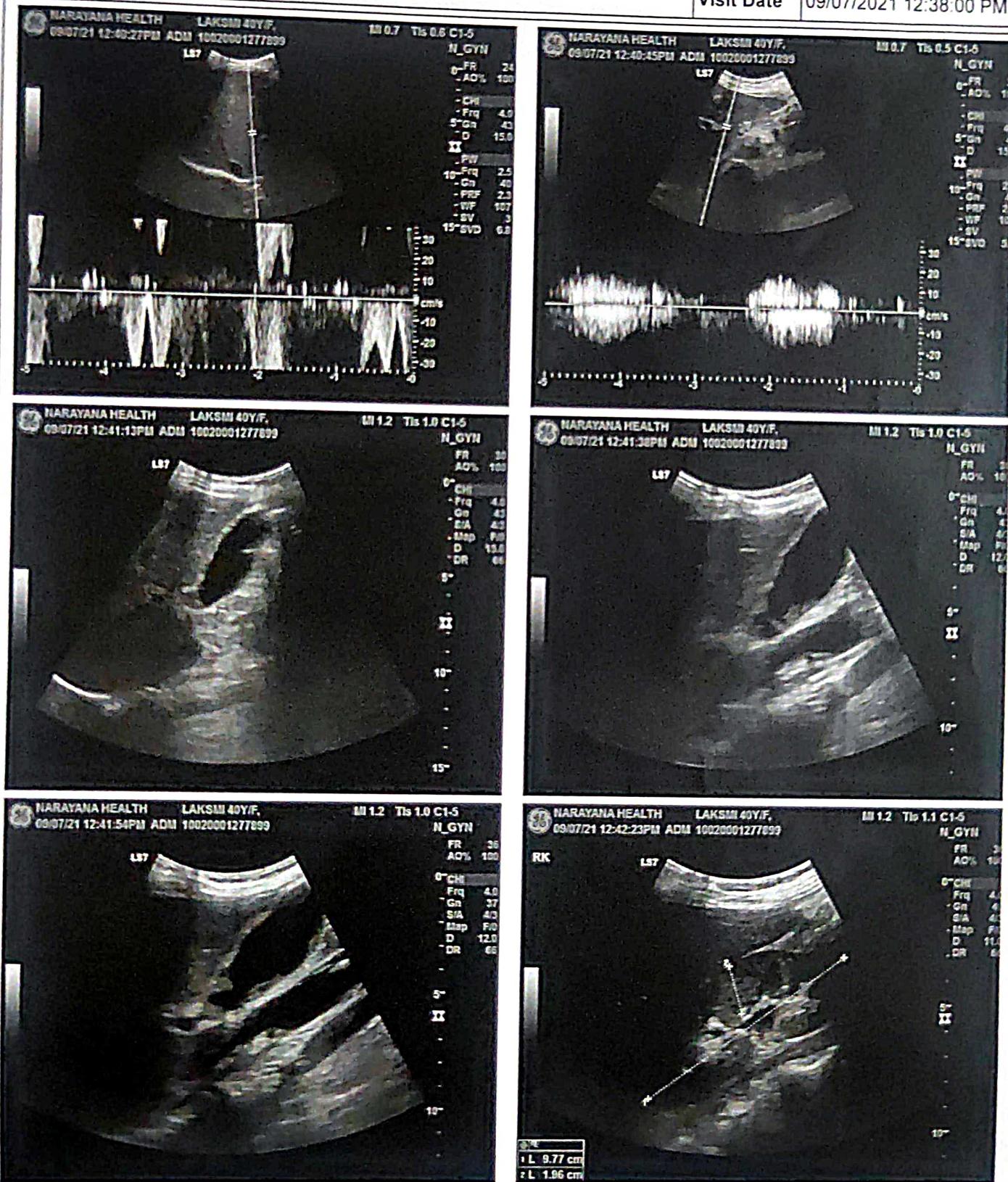
Emergencies

97384 97384

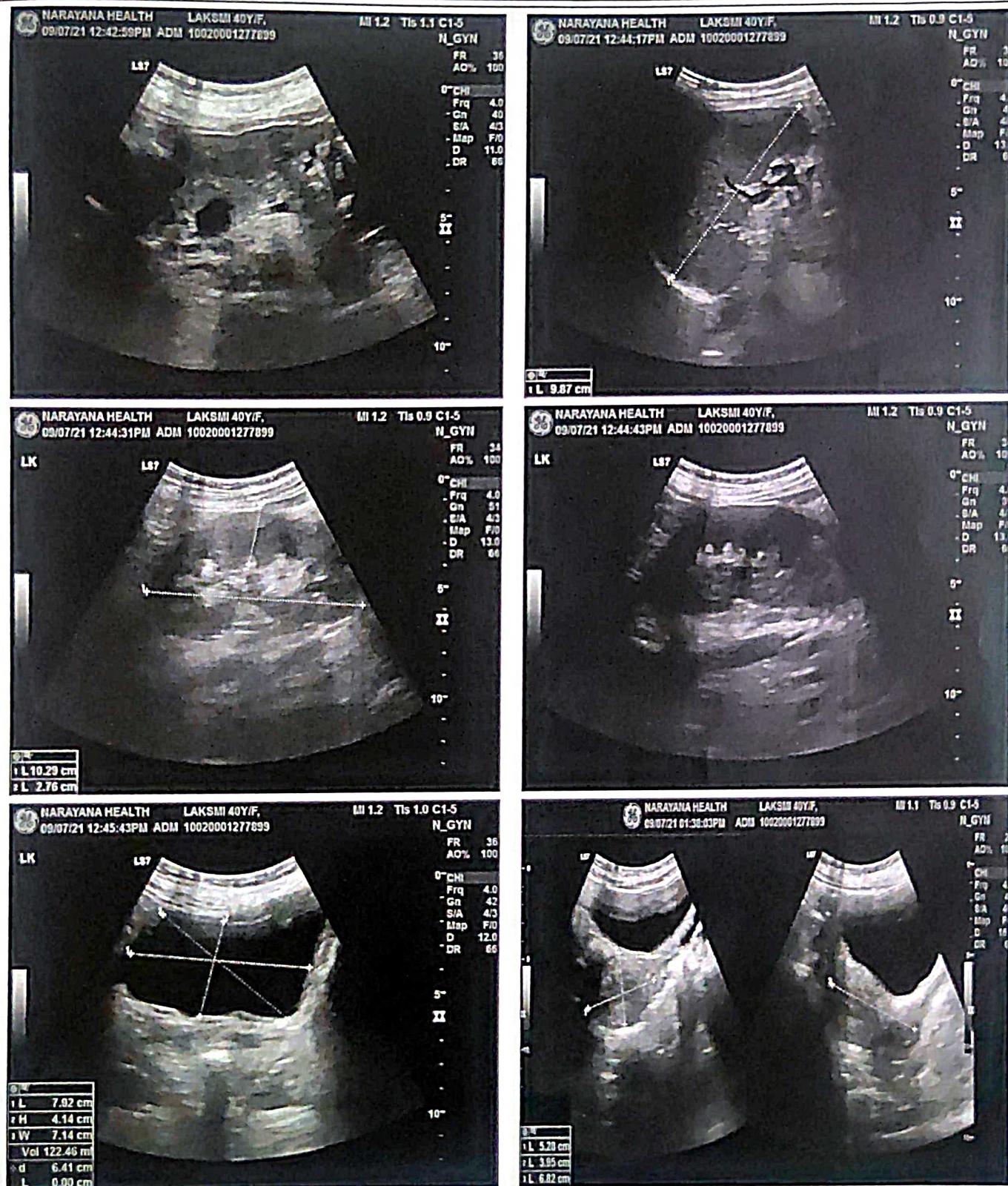
Patient name	LAKSHMI 40Y/F****	Age/Sex	
Patient ID	10020001277899	Visit No	2
Referred by	Dr.	Visit Date	09/07/2021 12:38:00 PM



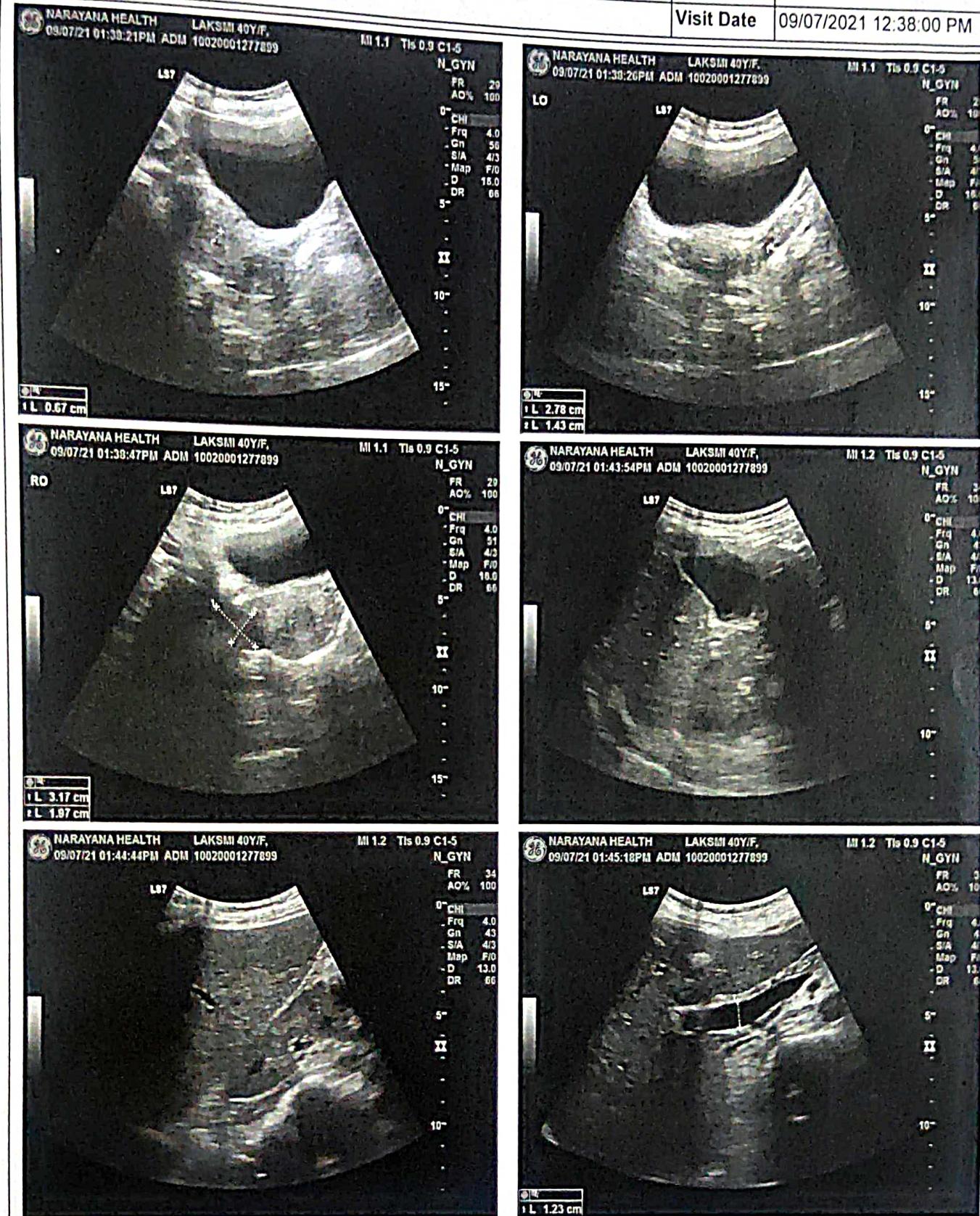
Patient name	LAKSHMI 40Y/F/AAA	Age/Sex	
Patient ID	10020001277899	Visit No	2
Referred by	Dr.	Visit Date	09/07/2021 12:38:00 PM



Patient name	LAKSHMI 40Y/F****	Age/Sex	
Patient ID	10020001277899	Visit No	2
Referred by	Dr.	Visit Date	09/07/2021 12:38:00 PM



Patient name	LAKSHMI 40Y/F****	Age/Sex	
Patient ID	10020001277899	Visit No	2
Referred by	Dr.	Visit Date	09/07/2021 12:38:00 PM



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Appointments

1800-309-0309 (Toll Free)

Emergencies

97384 97384

Patient name	LAKSHMI 40Y/F****	Age/Sex	
Patient ID	10020001277899	Visit No	2
Referred by	Dr.	Visit Date	09/07/2021 12:38:00 PM



dd/mm/yy
22/7/21

Mrs. C. Latha 40y Female

Ref - Acute - Cerv. ? AM.

Cervic - Cervic - Cytogen.

Haemodil / Anitos

on or near up.

p-80 hrs

Abr.:

- UGI Endoscopy on 23/7/21
(variceal Screening)
- Report UGI on ~~4.7.21~~ 11 AM.

QV

Dr. Virendra



NH Helpline
080-7122 2222

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Consultation Summary



Patient MRN : 10020001277899
Patient Name : Mrs C Lakshmi
Gender/Age : Female , 40 Years
Patient Phone No : 9443756089
Patient Address : 1/96A1, N.B Agraaharam, Hosur,
Krishnagiri,Tamil Nadu,India,
-635109

Consultation Date : 09/07/2021 12:28 PM
Consultant : Dr.Ravikiran Mahalank
(DERMATOLOGY)
Consultation Type : OP , NEW VISIT



CHIEF COMPLAINTS & HISTORY OF PRESENT ILLNESS

- multiple reddish raised lesion on both upper limb and lower limb
- Hpi: since 07 days , gives history of fever 07 days ,was treated as dengue
- a known case of decompensated liver disease

SYSTEMIC EXAMINATION

- Skin

Remarks: multiple purpura present over both upper limb and lower limb

CLINICAL IMPRESSION

- purpura ? secondary to liver disease/dengue

MEDICATION ORDER

	<u>DRUG NAME</u>	<u>DOSAGE</u>
1)	WHITE PETROLIUM+GLYCERIN+PARAFFIN-LOTION-100ML-OILATUM	Start Date : Jul 09, 2021, End Date : Aug 07, 2021, (1 - 0 - 0 - 1) for 1 Month

ADVICE

- take rest

CONSULTANT DETAILS

Dr.Ravikiran Mahalank , JUNIOR CONSULTANT , DERMATOLOGY

One free consultation with the same doctor within next 6 days.
Printed By: Dr.Ravikiran Mahalank | Printed On: 09.07.2021 12:35



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Kcal: 1730 kcal
Protein: 90-92g

504EG



Patient Name: Mrs. C. Lakshmi MRN: 1272844 Age: 43 yrs

MEAL PLAN

Early Morning: Milk 1 cup Pantaene 2.0 (3-4 scoops) - 100ml
(6am-6.30am)

Breakfast:

(8am-8.30am) Idli (3-4 nos) / Dosa (3) no/ Upma (2 1/2 cups) / Pongal (3) cups / Oats porridge (2 cups)
Vegetable Curry (1 Cup) / Dal Sambar (1 Cup)
Boiled egg white - 1 no

Mid Morning: Boiled pulses 1 cup/ Fruit (1 no)/Boiled potato. Boiled sweet potato (1 small)
(10.00 am) Rice + Moong dal Porridge (1 cup)
11.30 am - Pantaene 2.0 (3-4 scoops) - 100ml.
Lunch: Rice (3) Cups / Kichidi (2) cups / Chapathi (3) nos... / Ragi ball.
(12.30-1.30pm) Dhal 1 cup + Cooked Paneer 2 gms / Egg 2 / non veg (10 gm white)
Cooked Vegetables 1 Cup +
(cooked) green leafy veg (1/2 cup) Curd 1 cup (low fat)

Evening (3.30pm) Milk 1 cup or Pantaene 2.0 (3-4 cups) 100ml
(5.00pm) → Porridge (Ganji) / kheer (Dal/Rice/Sooji) - 1 cup OR
soup - 1 bowl (Chicken / Dal / Vegetable)

Dinner: Same as Lunch / Breakfast

(8.30-9.00pm)

Bed Time:

Milk 1 Cup Pantaene 2.0 (3-4 scoops) - 100ml

*1 cup: 100ml

Clinical Dietitian

Aneesh
16/6/2021



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LOW FAT, LOW CHOLESTEROL DIET



FOODS TO AVOID

1. Fats like butter, ghee, dalda, coconut oil
2. All fried foods
3. Pickles, oily gravies
4. Coconut, coconut milk & all coconut preparations
5. Dried fruits & nuts
6. Mutton, beef, pork, ham, bacon, sausages & egg yolk
7. Concentrated milk products like khoa, cream
8. Bakery products like cakes & pastries
9. Bottled drinks like Fanta, Pepsi, Coke etc.,



FOODS ALLOWED

1. Vegetable salads
2. Green leafy vegetables
3. Boiled vegetables except potato, tapioca, yam, colocasia
4. Vegetable soups
5. Lime & tomato juice



INSTRUCTION TO FOLLOW

1. Only refined oil should be used for cooking. Allowance per day : 3 to 4 teaspoons. (15-20ml)
2. Intake of whole milk (including milk preparations) should not exceed 300 ml. per day.
If skimmed milk is used, allowance per day can be increased to 500 ml.
3. Non-vegetarian foods permitted in the diet is only chicken & fish. Allowance per day 50 to 75 grams or Two egg white is permitted in the diet every day
4. To enhance fiber intake in the diet, whole grains, whole pulses, whole wheat flour preparations should be included generously in the diet.) as per to location
5. Sugars, honey, jams, jellies & sweets which contribute to calories in the diet should be taken in moderation.
6. A low salt diet is recommended. Foods should be cooked with less salt & Foods rich in salt like chips, pickles, papads, salted snacks, salted biscuits, sauces, ketchup and all tinned & canned foods should be avoided.)
7. Dal can be included in the diet twice daily.

Dept. of Clinical Nutrition



Mazumdar Shaw
Medical Center

Unit of Narayana Health

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Tel: +91 80 7122 2222 Fax: +91 80 27832648 E-mail: info@hrudayalaya.com www.narayanahealth.org

MEAL PLAN FOR THE DAY

Energy: 1730 kcal; Protein: 90 g

D.D. / 12 / 2021

Name: Mrs. C. Lakshmi

Age: 43 Year

Height: 154 cm.

Weight: 47 Kg.

restricted & protein

Diet Prescribed: Low Fat, Low Cholesterol, Low Carbohydrate, Low Salt, Low Potassium

6.00 am (Early Morning)	Milk/Tea/Coffee	Pentasure 2.0 (3-4 spoons) in warm water (100ml)
8.00 to 8.30 am (Breakfast) Reheat	Roti/Chapati Bread/Iddli/Uppma with Mint/Onion/ Tomato Chutney/ Vegetable Curry	3 no / or 3 slices / or 3-4 no (in number) (or) Oats porridge (2 cups) (Avoid groundnut & Coconut) + egg white (1w.)
10.30 to 11.00 am (Mid Morning)	Veg Salad or Boiled Veg Fruit (those Permitted)	1 cup glass (or) 100-200 gm + Pentasure 2.0 (3-4 spoons) in water (100ml)
12.30 to 1.30 pm (Lunch)	Rice & Chapati (Oil less) Dal Vegetable Curry Green leafy Vegetables Vegetables Salad Buttermilk/Curd Non-Vegetarian preparation	1 cup and 2 No Rice Varieties (2-3 cups) (100ml) 1 cup weekly juice (1/2 cup) 1 cup glass or 50 gm Egg substitute (Skinout Chicken or Fish not fried in Oil)
3.30 pm (Evening)	Milk/Tea/Coffee	Pentasure 2.0 (3-4 spoons)
5.30 pm	Biscuits (only Marie Biscuits or thin Arrow Root Biscuits) or Bread or Green Vegetable Salad	(or) Dhal (or) Dhal + (cup) (or) Chicken soup (cup)
8.30 to 9.00 pm (Dinner)	Same as lunch	
10.30 pm (Before Bed)	Milk	Pentasure 2.0 (3-4 spoons) in warm water (100ml)

* 1 Cup = 100 gm or ml (cooked weight) * Brown Bread either plain or toasted can be taken without butter.

NOTE :

Pentasure 2.0 (3-4 spoons) 100ml (3-4 times (day))



Mazumdar Shaw
Medical Center

Unit of Narayana Health

Dept. of Clinical Nutrition

Ameen
16/6/2021

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