



2033390492
**SANJAY GANDHI POSTGRADUATE
 INSTITUTE OF MEDICAL SCIENCES**

Rae Bareli Road, Lucknow 226 014

Name Arjun K. Chauhan CR. No.

□□□□□□□□□□□□

Diagnosis H.T.N., D.C.M.P., N.S.R., W.E.P. = 25%

BP = 150/90
Investigations Ordered
 HR → 119

- Hematology
- Coagulation
- Cl. Chemistry
- Urinalysis & Fluids
- Cytology
- Bacteriology
- Serology
- Plain X-ray
- Ultrasound
- CT
- MRI
- Nuclear Medicine
- Immunology
- Medical Genetics
- Endocrinology
- GI Endoscopy

Rx

Salt/Fluid Rest^w < 4 day

- 1) Tab Arney 50mg 1-1
- 2) Tab Dabica 10mg 1-0.5
(Dabigatran)
- 2) Tab Cardivas 3.125mg 1-1
- 4) Tab Diltav 10mg 1-0.5
- 5) Tab Pantacid 40mg q/s 1-0.5
1-503

Others

Aelu

- CARDIAC MRI
- R/w → Na⁺
- KT
- S. Cr. & Co.

Sutjeep
 16/11/22

Next Appointment on...at.....in

Review after.....month
 With Hb, S. Creat, Na/K, Hb A1c
 Lipid pro..FBS, PPBS Reports

Dr. Sutjeep Kumar
 Professor
 (Monday)

(Signature)

2023 398 444



SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES

Rae Bareli Road, Lucknow 226 014

Name..... ARUN KR. RAI CR. No.

□□□□□□□□□□□□

Diagnosis..... HTN, DCMP, NSR, LVEF 25%

4/7/23

Investigations Ordered

Rx

- Hematology BP-130/80 mm
- Coagulation PR-80/min
- Cl. Chemistry
- Urinalysis & Fluids
- Cytology
- Bacteriology
- Serology creat - 0.92
- Plain X-ray
- Ultrasound (3 July)
- CT
- MRI
- Nuclear Medicine
- Immunology
- Medical Genetics
- Endocrinology
- GI Endoscopy

Salt / fluid restriction (<1L/d).

1. Tab Arney 50mg Bd
2. Tab Dapica 10mg od
3. Tab Cardias 6-25mg Bd
4. Tab Dylor (E) (10/25)mg od
5. Tab Pantoid 40mg od x3d
↓
50d

Others

-
-
-
-

Plan: Rx
S. creat
4B
N/K.

x3 months

SR Cardias
4/7/23.

Next Appointment on...at.....in

(Signature)

SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

Arum K. Raw
2023 390494

Department	Unit/Consultant
Cardiology	↓ Dr. A. Kapoor

Referring Doctor/Hospital:

Name:

Address:

Date	History
------	---------

1) DOE → II x 7-0 M-tu

DM ⊖

HTN ⊕

2) Acute onset of retinal
detachment x 7-0 days

AH/CAD ⊖

↓

CVA ⊖

H/O ortho L PHD x 7-0 dy

CAD ⊖

↓

Add ⊖

Consulted elsewhere

Refer to SGPGIMS for further mo

Past History

Treatment History

Personal/Social/Family History

Physical Examination

Nutrition Status: Good/Adequate/Reduced

Anaemia	No	<input type="checkbox"/>	Yes	<input type="checkbox"/>
Dyspnea	No	<input type="checkbox"/>	Yes	<input type="checkbox"/>
Cyanosis	No	<input type="checkbox"/>	Yes	<input type="checkbox"/>
Jaundice	No	<input type="checkbox"/>	Yes	<input type="checkbox"/>
Edema	No	<input type="checkbox"/>	Yes	<input type="checkbox"/>
Exanthem	No	<input type="checkbox"/>	Yes	<input type="checkbox"/>

W		Kg
H		Cm
BP		mmHg
Pulse	119 w	/min

Extremities *all P-D-P, No R-R*
No R-P

Skin

Thyroid

Lymph Nodes

Head & Neck

Chest

B/L NVBS

CVS

Alex

S₁ → (M)

Abdomen

CONC

S₂ - { A₂ } (M)
R

CNS

CONC

Provisional Diagnosis *HTN, DCMP, NSE, sev w dysklexia*

Plan

Rec'd by Amal

- Jan 2023

Follow up Notes

ECG → Sinus bradycardia, \pm LBBB (QRS - 130ms)

ECHO → Dilated W (57/50/9/0), GHK, WER = 25%
(16/5/2023) Adv → 1.3, Mod M L, Mod TR RVSP = 44
MC = 18 mm 75% Reikway Vardhy

01/12/22

22/11/2023

S. Vit D - (14)

< 10 → deficiency (20-100)

S. Vit - (90)

(32-107) → deficiency (207-0.23)

Hb = 12.5

TSH - 2.5

TLC - 6200

LDL - 130

MYUA QI

DLR - 1.6

TC - 233

CR - 0.7

CR → 0.97

MRI -

Total chole - 194

Hb - 132

← glymphic

LDL - 126

TLC - 5300

? ~~DCM~~

CRF band :

Department of Cardiology, SGPGIMS, Lucknow

ECHOCARDIOGRAPHY REPORT

Name: Arun K. Rai Age/Sex: _____
 CR No.: 000331/0434 Ht/Wt: _____ Date: 19/05/2003
 LV- ED: 57 ES: 50 IVS: 09 PW: 09 EDV: _____ ESV: _____ EF: 25%

RWMA: GHK

Right Ventricle: _____ TAPSE: _____

Right Atrium: 30

Left Atrium: 30

Inter Atrial Septum: _____

Pericardium: No PE

Inter Ventricular Septum: _____

Aorta: 29 Annulus: _____

Mitral Valve: _____

Tricuspid Valve: M

Aortic Valve: _____

Pulmonary Valve: _____

Colour Doppler		Doppler Study					TDI						
MR:	AR:	DS/PHT/EDG:	PR:	TR:	VP	PG	MG	EDG	PHT/AREA	e'	A'	S'	E/e'
<u>mild</u>	<u>⊖</u>		<u>⊖</u>	<u>mod</u>									
					MV					MV			
					AOV	<u>1.3</u>				Sep			
					TV					Lat			
					PV								

Seq. Cham. Analysis: _____

Final Diagnosis: DCMP, r mod TR, mild MR, Sev W. dilatation

Done by Dr. [Signature]

ID: 51

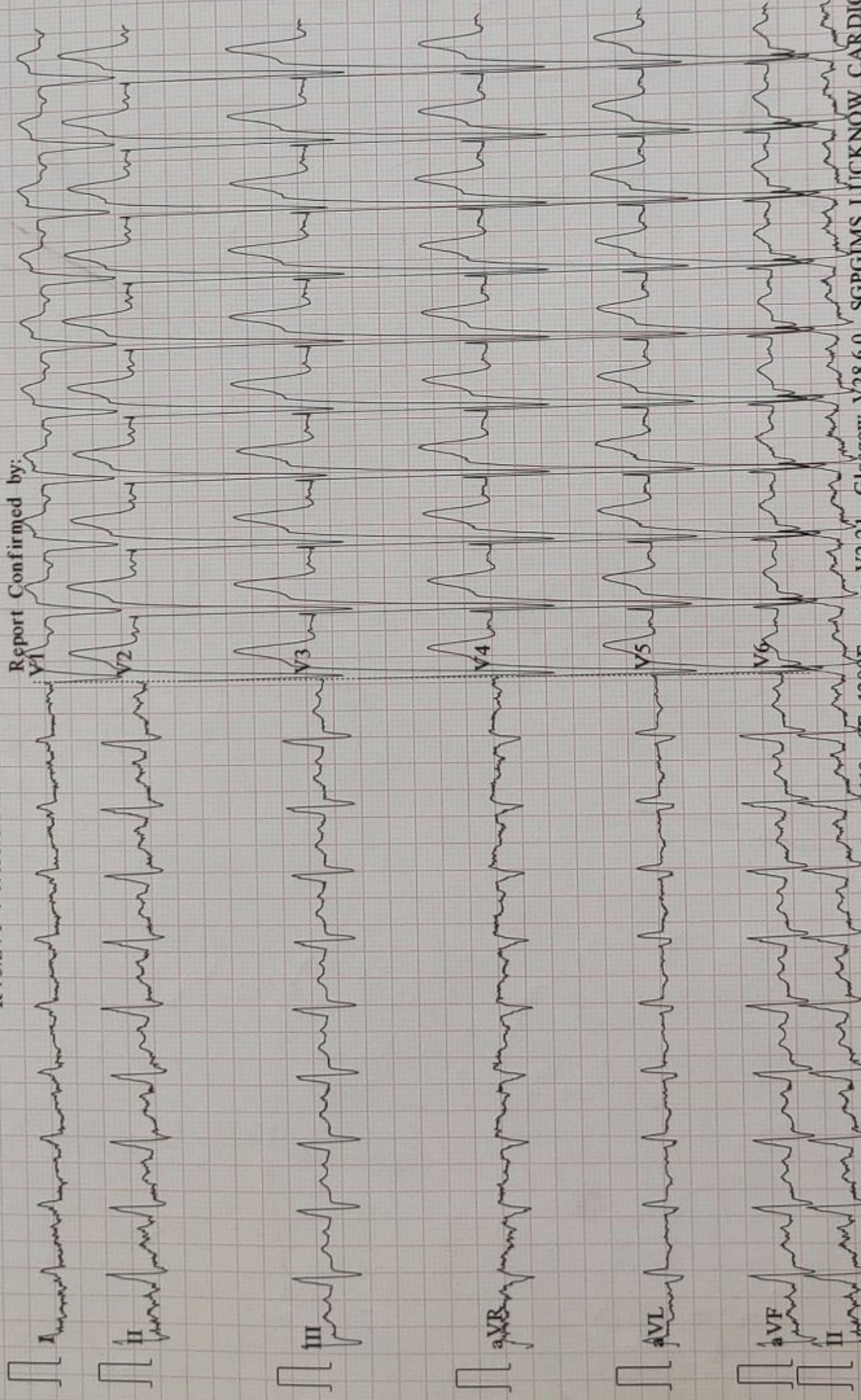
arun
Male Years

15-05-2023 02:59:10 PM
 HR : 119 bpm
 P : 84 ms
 PR : 134 ms
 QRS : 134 ms
 QT/QTc : 340/479 ms
 P/QRS/T : 65/42/108 °
 RV5/SV1 : 0.455/1.442 mV

Diagnosis Information:

- Sinus tachycardia
- Possible left atrial abnormality
- Left bundle branch block
- Abnormal ECG

Report Confirmed by:



0.67-100Hz AC50 25mm/s 10mm/mV 2*5.0s+1r 119 SE-1200Express V2.21 Glasgow V28.6.0 SGPGIMS LUCKNOW CARDI

15-05-2023 02:59:10 PM COPY

ID: 51
arun
Male

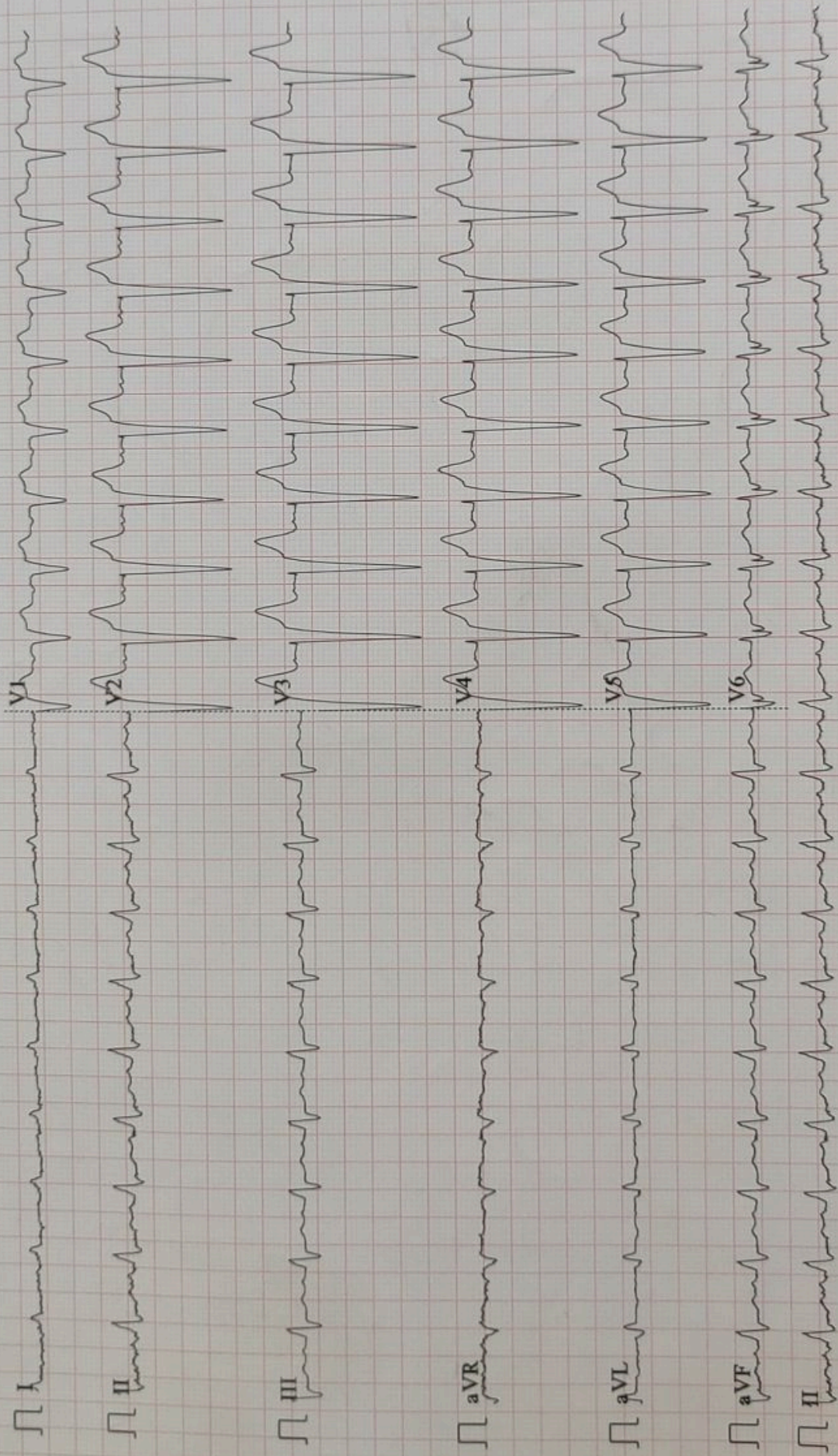
Years

Diagnosis Information:

- Sinus tachycardia
- Possible left atrial abnormality
- Left bundle branch block
- Abnormal ECG

HR : 119 bpm
 P : 84 ms
 PR : 134 ms
 QRS : 134 ms
 QT/QTc : 340/479 ms
 P/QRS/T : 65/42/108 °
 RV5/SVI : 0.455/1.442 mV

Report Confirmed by:



SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW
DEPARTMENT OF RADIODIAGNOSIS

MRI REPORT

Patient's Name: ARUN KUMAR RAI Age/Sex 54Y/M CR. No: 2023398494

Referring Physician/Unit/OPD/Ward: CARDIOLOGY

Investigation: MRI CARDIAC

MRI NO: 93024

Date: 19/6/23

SEQUENCES:

- FIESTA short & horizontal and vertical long axis sequences in axial & oblique plane.
- Double inversion recovery sequence in axial plane.
- MDE in short axial, horizontal and vertical long axis.

STUDY SHOWS:

- **Global left ventricular hypokinesia is seen. There is diffuse wall thinning of LV ventricular wall with dilatation. No abnormal area of delayed enhancement of myocardium is noted.**
- **Left atrium is enlarged.**
- Right ventricle is normal in outline and show normal contractility in cine MRI mode. No evidence of any aneurysm or any diverticula noted. No evidence of any intraluminal mass noted.
- Aortic root and thoracic aorta appear normal.
- No evidence of dissection or intimal flap noted.
- Main Pulmonary artery and right and left branches are normal.
- No major aortic anomalies seen.

IMPRESSION:

- **Global hypokinesia with diffuse wall thinning and LV dilatation. No abnormal area of delayed enhancement of myocardium is noted.**
-- ?dilated cardiomyopathy.

DR VIJAY/MAYANK/SANDEEP

DR ZAFAR NEYAZ

Patient:

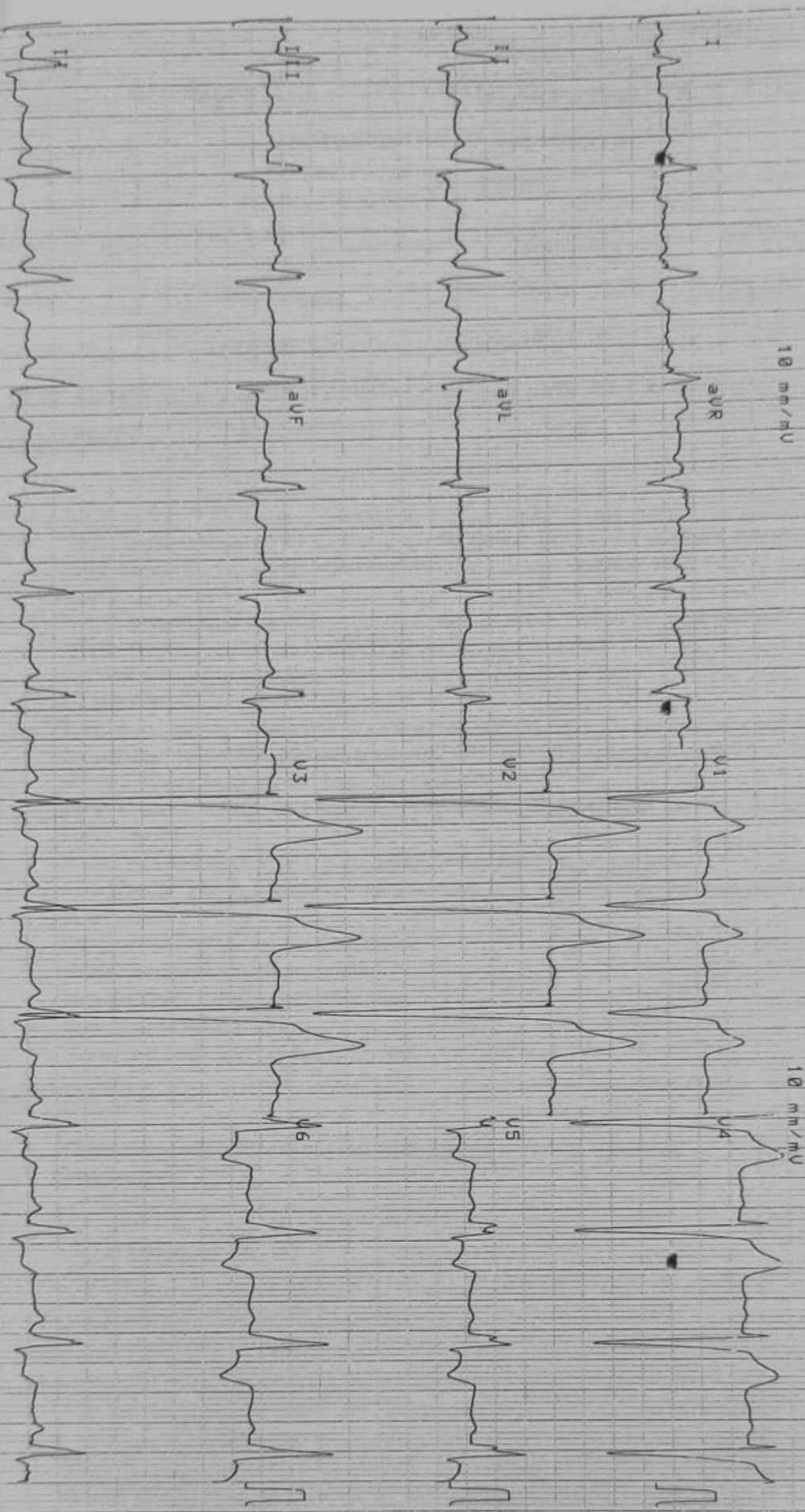
Arvon, Kenneth Roy
4-7-23

Sex: M / F
Age: kg

HR 62/min
Intervals:
RR 734 ms
P 96 ms
PR 130 ms
QRS 140 ms
QT 380 ms
QTc 447 ms

Axial:
P 43 °
QRS 33 °
T 149 °
P (II) 0.14 mV
S (V1) - mV
R (V5) 0.69 mV
Sokol 5.46 mV

SINUS RHYTHM
CONSIDER PRE-EXCITATION (WPW TYPE B)
ST & T ABNORMALITY, CONSIDER
ANTEROLATERAL ISCHEMIA OR LEFT VENTRICULAR STRAIN
INFEROLATERAL ISCHEMIA OR LEFT VENTRICULAR STRAIN



SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

REQUISITION FORM FOR CONSULTATION

Anam Kumar Rai
2023398494.
54y / Male

Ward No.

Bed No.

Department

cardiology

Consultation required from :

Urology	Urgent <input checked="" type="checkbox"/>
	Routine <input type="checkbox"/>

Diagnosis/Specific problem :

HTN, DM, WBC 25-30%.

① Hydronephrosis & VUR (4v III - IV).

Kindly evaluate & opine

Consultation/Opinion required in respect of :

Request Opinion only Opinion + Follow up Transfer

Date: 6-7-2023 Time: 12:30 pm Signature: [Signature] Designation: SR

Name: Dr. A. Kapoor Sr

Report/Opinion of the consultant *

Date..... Time..... Signature..... Designation.....
Name

* Use reverse side if required.

Sanjay Gandhi Postgraduate
Institute of Medical Sciences, Lucknow, (U.P.)

Department of Urology



Dr. Uday Pratap Singh

OPD- Friday / Monday

**CASE SUMMARY
&
FOLLOW-UP BOOKLET**

Patient's' Name Arjun Kumar Rai

CR No.: 2023398494

Diagnosis: ⓇⓅ HDUN Ⓡ Evaluation

Please bring this booklet with you on every visit. For enquires please
contact on 0522-4110.

Name Anun Kumar Rai

Age/Sex 53yrs/Male

CR No. 2023398494

Photo

AADHAR No.

Consultants I/C. Dr UP Singh

Contact No.

Diagnosis (R) HDUN (L) Evaluation OPD Day

Surgery

HPE

3/17/23
S4yp / Male / Married / 2 children

- | | |
|--|--|
| Incidentally detected | MRF:- |
| Ⓡ HDUN while evaluation for sudden significant when loss.
(8-10kg/3 months) | HTN / DM /
EF = 25-30%
(diagnosed 2 months back) |
| NO H/O urinary complaints | NO H/O TB / DM |
| H/O dry cough; fever;
anorexia ⊕; dyspepsia ⊕ | H/O pancreatitis
Nil |
| NO H/O Hemoptysis | Addition
Nil |

Use WFA (6/2/23)

Xray KUB +
Mild bronchitis ⊕

RK - 10.8 x 4.6 x 5.9 cm, CT - 12 mm

LK - 12.1 x 5.3 x 4.8 cm, CT - 13 mm

Ⓡ mild HDUN 2° to ? VUT narrowing
VUR.

UB:- Oedematous.
WT = 6 mm; irregular margins.

Free fat = 26 gm;
Labs:- 14.5 / 7400 / N63 L30 E6.6 / 1.3
S.W - D.92 (3/8/23)
APT - (N)

0/3 :-

Affekti

PIA - soft, nontender, bladder - not palpable

PIR - grade II Prostate megalia mild tender, nontender

Imp :- R^{th} HSD UN E grade II Prostate megalia

Apa

Urine R/m/c/s/c/ESR

Urine AFB \rightarrow mikroskopis kultur 3 days

Urine X 3 days

Bladder diary X 3 days

Uremi PR

S.P.S.A.

CECT + CT urography

MCU

RVE reports

epistomidiomi emutstata

tridisyphasa

Pulmonary embolism

- Tab RapiLit - (8) 1 tab hs & cont

~~Signature~~

01/09/23

S. anal - 1.2 mg/l

Total PSA - 0.936 ng/ml

Urin hr AFB (ES) - No acid fast bacilli

02/8/23
09/8/23
05/8/23

Urin U_3 - (01/8/23) - pmc 6.0, spgr - 1.025

Urin U_1 - (31/8/23) $\text{\textcircled{A}}$

Urin U_2 - (4/8/23) $\text{\textcircled{A}}$

PR = $\frac{9.2 \times 4.8 \text{ cm}}{100}$

MR analysis to discharge

up to VUS

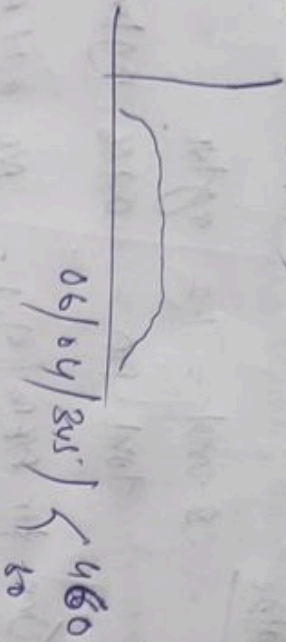
U $\text{\textcircled{A}}$ = 1013 x 5.1 mm, Normal

UP skron
up 1.7 cm
up = 1.5 cm
APP = 10 mm

②8 - Normal

Prostate - 25 cc, nodular lobes, hypertrophy

Uterine (04/12/23)



MU + end (20/12/23):

RT = 410 mm
RW - summing NR adequate
Prostate nodular (2)
PVC = 200 ml

↓ Original subsonic normal prostate

PTU (09/12/23):

RT = 9.8 x 5.3 cm, mod atrophy

PT = 22-23 mm

vesical distending (PVC = 18 mm)

②8 = 9 x 5.6 cm, normal

Prostate - 87 cc, nodular lobes, enlarged

Adv:

✓ Benign voiding / timed voiding

✓ Top urinary on my 2nd/3rd

✓ Good catheterization (3) from catheter

✓ EC Round scan ✓

Post: buy: (21) round ↓ evaluation voiding with

Plan: QPE - RGR

(to be discussed in next opp)

buy (urinary)

2/9/23

16 fr. Foley's cath easily negotiable up to the bladder.

Attack groove.

SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

DEPARTMENT OF RADIODIAGNOSIS

CT REPORT

Patient's Name :	ARUN KUMAR RAI	Age /Sex :	54 Y/M
CR No :	2023398494	Date:	4/8/2023

Investigation : CECT ABDOMEN WITH CT UROGRAPHY

CLINICAL DETAILS: RIGHT HYDRONEPHROSIS UNDER EVALUATION.

STUDY SHOWS:

- Right kidney:9.8X5.3 cm. Normal in outline with normal cortical enhancement. **Moderate hydronephrosis noted with dilated ureter (lower ureter ~18 mm).No calculus or enhancing solid lesion along ureter. (Parenchymal thickness normal with ~22-23 mm at all three poles)**
- Left Kidney:9X5.6 cm. Shows cortical scar in upper and lower pole showing normal cortical enhancement. No obvious hydronephrosis or calculus noted.
- On post contrast urography, normal excretion noted in bilateral kidneys. Ureter are not dilated on left side.
- **Prostate is enlarged (measures ~37x47x36 mm-31 cc) with median lobe projection showing an enhancing nodule (precontrast ~30 HU and post contrast ~80HU) seen.** Pelvis shows normal urinary bladder, and seminal vesicles.
- Liver is normal in size and outline. *Multiple subcentimetric cysts are seen in both lobes of liver.* IHBR are not dilated.
- Portal vein and splenoportal axis, hepatic veins and IVC are normal.
- Gall bladder, *shows a large calculus in body (~16 mm).*No obvious wall pathology seen. CBD is not dilated.
- Pancreas and spleen are unremarkable.
- Bilateral adrenal glands are normal.
- No significant lymphadenopathy seen.
- Bowel loops appear normal.
- Visualised lungs and bones are normal.

IMPRESSION :

- **Right moderate hydronephrosis with dilated ureter as described---? Stricture at lower ureter ?? Megaureter.**

- Prostate megaly
- Cholelithiasis

[Handwritten Signature]

SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

Department of Radiodiagnosis and Imaging

ULTRASONOGRAPHY

Name Manoj Kumar Rai Age/Sex 54/M CR. No. 2023 398494

Referring Physician /Unit /OPD/Ward / Bed.....

ULTRASOUND Hepatobiliary/Whole Abdomen/KUB/Pelvis/FNAC/Retroperitoneum/.....

Ultrasound No. Date 6/8/23 Clinical Diagnosis.....

REPORT :

VSG Abdomen

Kidney (R)

9.2 x 4.8 cm

mild hydronephrosis

(R) ureter is also dilated upto
VVS. No calc. calculus

- VP - 1.5cm
- MP - 1.7cm
- LP - 1.5cm
- APD - 10mm

(L)

10.3 x 5.1 cm

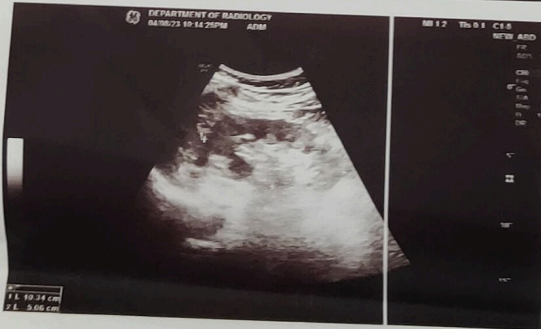
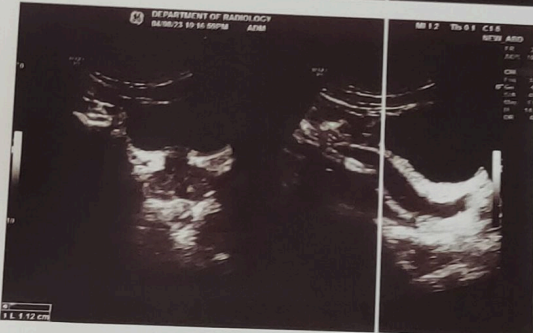
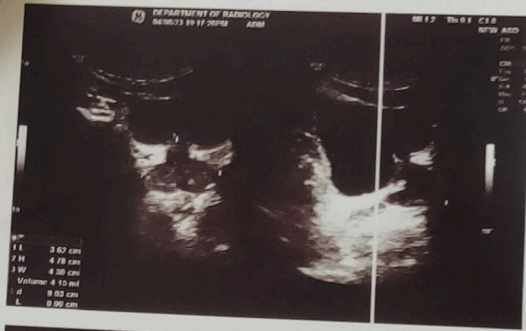
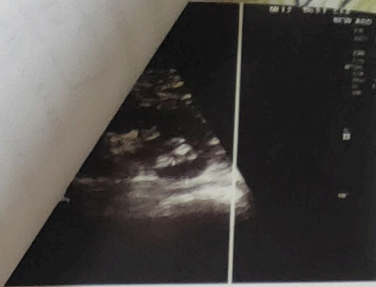
(L) size (L) echo. No calc. HDN / calculus.

VB - (R) distended

Prostate - 35cc with prostatic cyst
with median lobe hypertrophy
median lobe measures ~ 2cm.

- Imp -
- mild (R) HDN as described.
 - Prostate megaly w/ prostatic cyst

[Signature]
(Radiologist)





STONE CENTRE
DEPARTMENT OF UROLOGY, SGPGIMS, LUCKNOW
INVESTIGATION REPORT

Name of Patient : ARUN KUMAR RAI	Age / Sex : 54 Y/M	CR No. : 2023398494
Referring Dep't. : UROLOGY	Consultant I/C : DR U P SINGH	
Clinical Diagnosis: RT HDUN UNDER EVALUATION .		
Investigation No. : 749 / 91	Date : 29.08.2023	
Investigation / Procedure : MCU		

MCU-

PLAIN : *NORMAL* .

VUR : *NO* .

BLADDER CAPACITY : *450 ML* .

BLADDER WALL : *NORMAL* .

BLADDER NECK : *BLADDER NECK FUNNELING NOT ADEQUATE* .

POSTERIOR URETHRA : *NORMAL* .

ANY OTHER ABNORMALITY: *PVR ~ 30 ML* .

ADVICE : TAB TAXIM-O 200 MG BD X 3 DAYS

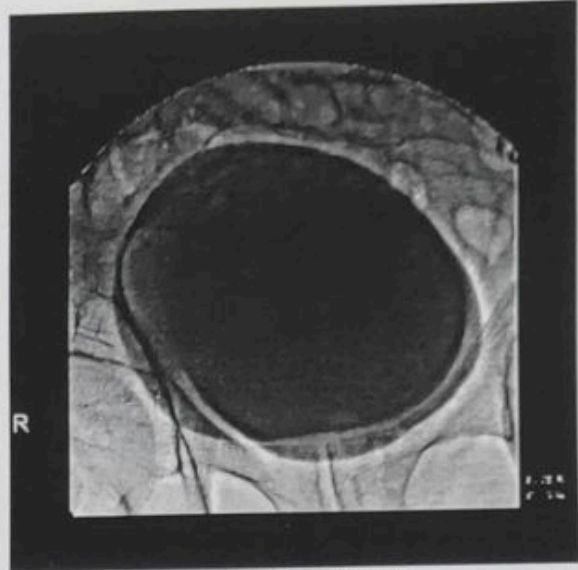
ANTIBIOTIC → STONE CENTER , WARD

(G K SINGH)
T.O.

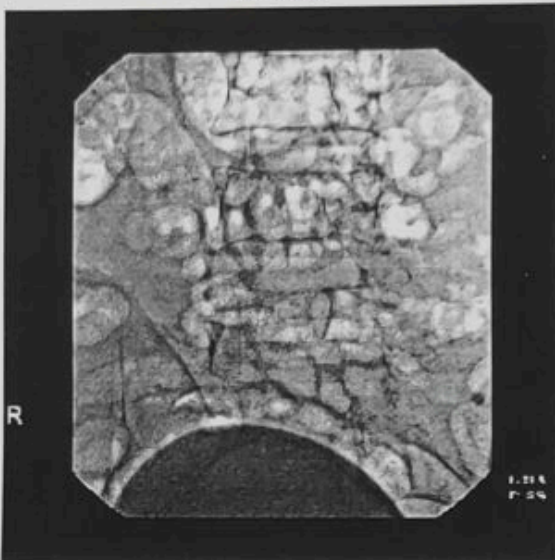
(DR ALOK)



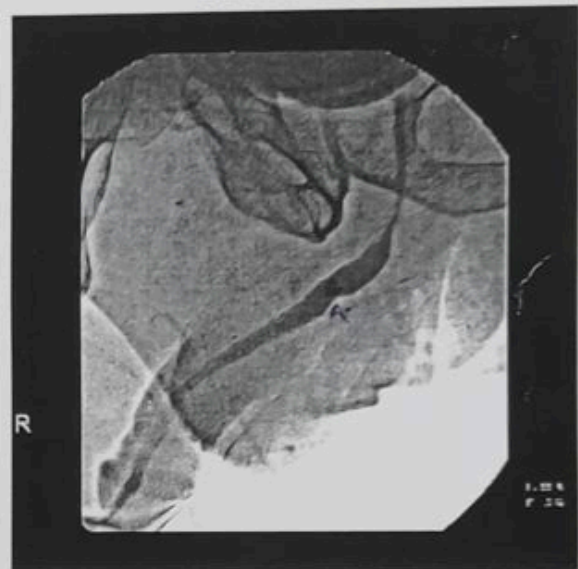
PLAIN



CYSTOGRAM



MCU



POST VOID

2023388484

04608623

From Mr 84h

UROFLOWMETRY REPORT

Patient ID : _____

Date : _____

Name : _____

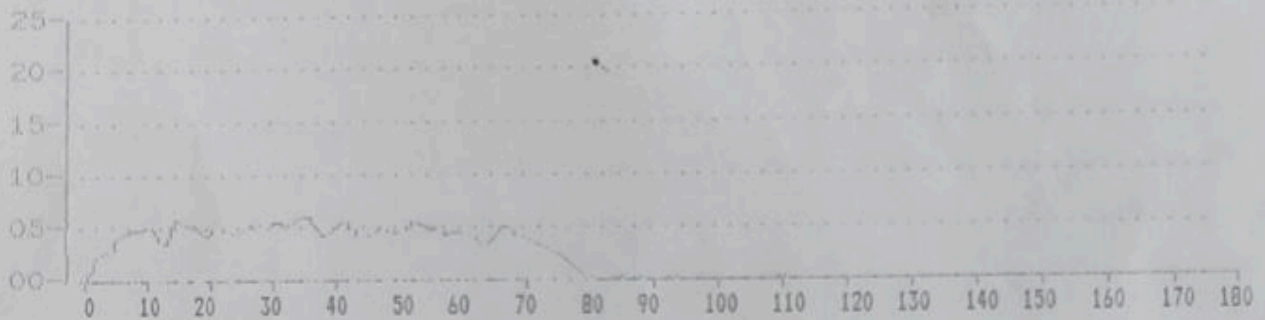
Age : _____ years

Sex : Male / Female

Address : _____

Referred by : _____

Flow Rate ml/sec. (5ml/sec./Div.)



Time axis → (10 secs./Div.)

CHARACTERISTICS

Voided Volume	: 345 ml.	Voiding time	: 82 sec.
Maximum Flow Rate	: 06 ml/sec.	Flow Time	: 01 sec.
Comp. Maxflow Rate	: 05 ml/sec.	Time to Max.	: 36 sec.
Average Flow Rate	: 04.2 ml/sec.	Delay Time	: 00 sec.
Comp Av. Flow Rate	: 04.3 ml/sec.	Interval Time	: 02 sec.

Post Voiding Residual (PVR): _____ ml.

COMMENTS

General Caliberation c- 16 fl @ stone center [E block]

1st ml = 460 ml

2nd ml = 30 ml



Sanjay Gandhi Post Graduate Institute of Medical Sciences

Raebareli Road, Lucknow - 226 014 ,India

Billing Receipt

<u>C.R No.</u>	<u>Name</u>	<u>Receipt No.</u>	<u>Date & Time</u>
2023398494	Arun Kumar Rai/54 Y/M	23-242220962	Jul 31, 2023 12:03 PM
<u>Req. No.</u>			<u>Req. Date</u>
ORDER20231638721			Jul 31, 2023 11:07 AM
<u>Tariff Name</u>			<u>Amount (Rs.)</u>
02. Urine Examination, Complete			85.00
05. S. Creatinine			85.00
<u>Req. No.</u>			<u>Req. Date</u>
ORDER20231638735			Jul 31, 2023 11:07 AM
<u>Tariff Name</u>			<u>Amount (Rs.)</u>
Routine Culture for Tuberculosis			345.00
Microscopy Tuberculosis			85.00
<u>Req. No.</u>			<u>Req. Date</u>
ORDER20231638776			Jul 31, 2023 11:07 AM
<u>Tariff Name</u>			<u>Amount (Rs.)</u>
03. Fluid Cytology			220.00
<u>Req. No.</u>			<u>Req. Date</u>
ORDER20231638789			Jul 31, 2023 11:07 AM
<u>Tariff Name</u>			<u>Amount (Rs.)</u>
TOTAL PSA			350.00
PVR			165.00
Uroflowmetry			225.00
<u>Req. No.</u>			<u>Req. Date</u>
ORDER20231638797			Jul 31, 2023 11:07 AM
<u>Tariff Name</u>			<u>Amount (Rs.)</u>
Micturating Cystogram (MCU)			927.00
<u>Req. No.</u>			<u>Req. Date</u>
ORDER20231638828			Jul 31, 2023 11:07 AM
<u>Tariff Name</u>			<u>Amount (Rs.)</u>
Ultrasound KUB/Pelvis			450.00
Pay Mode: Cash			Total(Rs.): 2937.00

Rupees Two Thousand Nine Hundred Thirty Seven Only

Collected By : Rajnish Singh



Sanjay Gandhi Post Graduate Institute of Medical Sciences
Raebareli Road, Lucknow - 226 014 ,India

Department of Pathology

Lab Name: Urinalysis & Body Fluid Lab

CRNo: 2023398494

Status: OP

Unit: UNIT-2

Department: Urology

Name: Arun Kumar Rai 54 Y / M

Lab Id: L150601082340254

Specimen: Urine

Consultant: Uday Pratap Singh

Collected On: Aug 1, 2023 10:13 AM

Test Name	Result	Unit	Reference Range
02. Urine Examination, Complete			
Glucose	++		-
Bilirubin	-		-
Ketones	-		-
Specific Gravity	1.025		-
Blood/Hemoglobin	-		-
pH	6.0		-
Proteins	nil		-
Urobilinogen	N		-
Bile Pigments	-		-
RBC	-		-
WBC	1-2/hpf		-
Epithelial Cells	1-2/hpf		-
Cast	-		-
Crystals	-		-
Others	-		-

Reported Date: Aug 1, 2023 10:49 AM

Reported By: Rahul Kumar Gupta

COMPUTER GENERATED REPORT - NO SIGNATURE REQUIRED

SGPGIMS August 04, 2023

Logged in: Mr. Raghuvir Singh | Logout
(Hospital Revolving Fund | Stores-HRF | 003_Radiology
Unit Store)

Home Dashboard Preferences Application Reports

Help | PTS

Order Processing

CR 2023398494 54 Yrs MALE Name: Arun Kumar Rai
Cell: 9451186718 Email:
Validity upto: May 13, 2024 Visit ID: OP-002



Order No : ORDER20231678256 Order Date : Aug 4, 2023 Department : Ward : Bed No :

Item Type	Item Code	Item Name	Form	Generic	Specification	R.Qty	I.Qty	U.Price	Amount	Prev stk	New stk
DRUG	D06038	Iomeron 400 mg 100 ml Inj	Inj IV	NON IONIC CONTRAST		1.0	1.0	2,167.07	2,167.07	304.0	303.0
CLINICALCONSUMABLES	C00866	SYRINGES WITH NEEDLE 10 ML (OMNIVAN)				6.0	6.0	4.37	26.22	1250.0	1244.0
CLINICALCONSUMABLES	SM00263	IV CANNULA WITH PROT+WING+SAFETY FROM NEEDLE PRICK 18G (BD VENFLON PRO SAFETY)				1.0	1.0	69.27	69.27	1934.0	1933.0
CLINICALCONSUMABLES	SU00526	DRESSING IV TRANSPARENT 7x9 CM (IV 3000)				1.0	1.0	27.97	27.97	530.0	529.0
CLINICALCONSUMABLES	SU03519	GLOVES GAMMEX LATEX POWDERD 7.0 NO(ANSELL)_UNIT				1.0	1.0	44.35	44.35	1019.0	1018.0

Payment Mode Cash

Current Order Amount 2,334.88

Batch Details

Item Code	Item Name	Specific/Generic	Qty to be Issued
			0.0

Batch No	Batch Date	Exp Date	Serial No.	Barcode	Stock In Hand	Issue Qty

Close

Remarks

Issue And Print Re-Print Back



Sanjay Gandhi Post Graduate Institute of Medical Sciences

Raebareli Road, Lucknow - 226 014 ,India

Department of Microbiology

Lab Name: Bacteriology

CR No: 2023398494

Status: OP

Unit: UNIT-2

Department: Urology

Name : Arun Kumar Rai /54 Y / M

Lab Id: L090231072355102

Specimen : Urine

Consultant: Anupam Shukla

Collected On: Jul 31, 2023 3:50 PM

Test Name : 02. Culture & Sensitivity - Urine

Test On: Urine

Culture: Culture shows bacterial growth of no significance.

Comments:

Growth Code H-Heavy

M-Moderate

NS-Not Significant

S-Significant

Sc-Scanty

DS-Doubtful Significant

PS-Predominant Significant

Sensitivity Code MS- Moderately Sensitive

R-Resistant

S-Sensitivity

Report Date : Aug 1, 2023 1:38 PM

Report By: CHINMOY SAHU

COMPUTER GENERATED REPORT - NO SIGNATURE REQUIRED



Sanjay Gandhi Post Graduate Institute of Medical Sciences

Raebareli Road, Lucknow - 226 014 ,India

Department of Pathology

Lab Name: Clinical Chemistry

CRNo: 2023398494

Status: OP

Unit: UNIT-2

Department: Urology

Name: Arun Kumar Rai 54. Y / M

Lab Id: L150431072300776

Specimen: Blood - Plain

Consultant: Uday Pratap Singh

Collected On: Jul 31, 2023 2:06 PM

Test Name	Result	Unit	Reference Range
05. S. Creatinine	1.2	mg/dl	.5-1.6
TOTAL PSA	0.936	ng/ml	<4.0

Reported Date: Aug 1, 2023 9:48 AM

Reported By: Archana Verma

COMPUTER GENERATED REPORT - NO SIGNATURE REQUIRED



Sanjay Gandhi Post Graduate Institute of Medical Sciences

Raebareli Road, Lucknow - 226 014 ,India

Department of Pathology

Lab Name: Urinalysis & Body Fluid Lab

CRNo: 2023398494

Status: OP

Unit: UNIT-2

Department: Urology

Name: Arun Kumar Rai 54 Y / M

Lab Id: L150601082340254

Specimen: Urine

Consultant: Uday Pratap Singh

Collected On: Aug 1, 2023 10:13 AM

Test Name	Result	Unit	Reference Range
02. Urine Examination, Complete			
Glucose	++	-	-
Bilirubin	-	-	-
Ketones	-	-	-
Specific Gravity	1.025	-	-
Blood/Hemoglobin	-	-	-
pH	6.0	-	-
Proteins	nil	-	-
Urobilinogen	N	-	-
Bile Pigments	-	-	-
RBC	-	-	-
WBC	1-2/hpf	-	-
Epithelial Cells	1-2/hpf	-	-
Cast	-	-	-
Crystals	-	-	-
Others	-	-	-

Reported Date: Aug 1, 2023 10:49 AM

Reported By: Rahul Kumar Gupta

COMPUTER GENERATED REPORT - NO SIGNATURE REQUIRED

Order Processing

CR 2023398494 54 Yrs MALE Name: Arun Kumar Rai
 Cell: 9451186718 Email:
 Validity upto: May 13, 2024 Visit ID: OP-002



Item Type	Item Code	Item Name	Form	Generic	Specification	R.Qty	I.Qty	U.Price	Amount	Prev stk	New stk
DRUG	D06038	Iomeron 400 mg 100 ml Inj	Inj IV	NON IONIC CONTRAST		1.0	1.0	2,167.07	2,167.07	304.0	303.0
CLINICALCONSUMABLES	C00866	SYRINGES WITH NEEDLE 10 ML (OMNIVAN)				6.0	6.0	4.37	26.22	1290.0	1244.0
CLINICALCONSUMABLES	SM00263	IV CANNULA WITH PROT+WING+SAFETY FROM NEEDLE PRICK 18G (BD VENFLON PRO SAFETY)				1.0	1.0	69.27	69.27	1934.0	1933.0
CLINICALCONSUMABLES	SU00526	DRESSING IV TRANSPARENT 7x9 CM (IV 3000)				1.0	1.0	27.97	27.97	530.0	529.0
CLINICALCONSUMABLES	SU00519	GLOVES GAMMEX LATEX POWDERD 7.0 NO(ANSELL)_UNIT				1.0	1.0	44.35	44.35	1019.0	1018.0

Payment Mode: Cash

Current Order Amount: 2,334.89

Batch Details

Item Code	Item Name	Specific/Generic	Qty to be Issued
			0.0

Batch No	Batch Date	Exp Date	Serial No.	Barcode	Stock In Hand	Issue Qty

Close

Remarks

Issue And Print Re-Print Back



Sanjay Gandhi Post Graduate Institute of Medical Sciences

Raebareli Road, Lucknow - 226 014 ,India

Billing Receipt

<u>C.R No.</u>	<u>Name</u>	<u>Receipt No.</u>	<u>Date & Time</u>
2023398494	Arun Kumar Rai/54 Y/M	23-242290795	Aug 3, 2023 3:26 PM
<u>Req. No.</u>			<u>Req. Date</u>
ORDER20231638813			Jul 31, 2023 11:07 AM
<u>Tariff Name</u>			<u>Amount (Rs.)</u>
Spiral CT Whole Abdomen (Abdomen+Pelvis)			2875.00
Pay Mode: Cash			Total(Rs.): 2875.00

Rupees Two Thousand Eight Hundred Seventy Five Only

Collected By : Shailesh Kumar Singh

MAHARAJA SUHEL DEV AUTONOMOUS STATE MEDICAL

COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 30-May-2023 Reg/Ref: jaj / 431297 Collected At : DHB
 Name : MR. ARUN KUMAR RAI Age/Sex : 54 Yrs./Male
 Ref.By : Dr. New Ward : OPD
 Receipt : NA
 Requested Test : cbc, HBA1C, LFT, KFT, LIPID P., sugar-f, TC, uric, electo.
 Coll Time : 30-May-2023 07:37 AM Validate : 30-May-2023 08:20 PM Pm. Time : 30-May-2023 08:21 PM

Investigation	Observed Values	Units	Biological Ref. Interval
LIPID PROFILE			
Serum Cholesterol	206.6 ✓	mg/dL.	130 - 200
Serum Triglycerides	175.6	mg/dL.	30 - 200
HDL Cholesterol	50.72	mg/dL	40- 65
LDL Cholesterol	121	mg/dL.	UP TO 150
VLDL Cholesterol	35 ✓	mg/dL.	12 - 30
CHOL/HDL	4.07		
LDL/HDL	2.39		
BLOOD GLUCOSE			
Plasma Glucose Fasting	93	mg/dL	70 - 110
Serum Calcium, Total	8.53	mg/dl.	8.2 - 10.2
Serum Uric Acid	7.04 ✓	mg/dL.	3.4 - 7.0
ELECTROLYTE			
Serum Sodium (Na+)	146.5 ✓	mmol/l	135.0-148.0
Serum Potassium (K+)	5.81 ✓	mmol/l	3.50 - 5.30
Serum Ionic Calcium (Ca++)	1.00	mmol/l	1.10-1.30

----- End of report -----

Checked By :-

Techni

Signed By Pathologist

* Marked in NABL scope



COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH

"AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 30-May-2023 Reg/Ref: jaj / 431297 Collected At : DHB
 Name : MR. ARUN KUMAR RAI Age/Sex : 54 Yrs./Male
 Ref.By : Dr. New Ward : OPD
 Receipt : NA
 Requested Test : cbc, HBA1C, LFT, KFT, LIPID P., sugar-f, TC, uric, electro.
 Coll Time : 30-May-2023 07:37 AM Validate : 30-May-2023 08:20 PM Prn. Time : 30-May-2023 08:20 PM

Investigation	Observed Values	Units	Biological Ref. Interval
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HAEMATOLOGY

Complete Blood Count

Haemoglobin	13	gm/dl	13 - 17
Total Leucocyte Count (TLC)	6900	cells/mm ³	4000- 11000
Differential % Leucocyte Counts:			
Neutrophils	69.5	%	40 - 80
Lymphocytes	24.2	%	20 - 40
Eosinophils	6.3	%	1 - 6
Platelet Count	1.7	Lac cells/mm ³	1.5 - 4.5
LPCR	33.5	%	13.0 - 43.0
MPV	10.8	fL	7.4 - 10.4
PDW	14.8	%	10.0 - 17.0
PCT	0.18	%	0.10 - 0.28
Total RBCs	4.55	Million cells/mm ³	3.8 - 4.8
MCV (Mean Cell Volume)	93.9	fL	80 - 100
MCH (Mean Corpus. Haemoglobin)	28.7	pg	27 - 32
MCHC (Mean Corpus. Hb Conc.)	30.6	g/dl	32 - 35
HCT (hematocrit)	42.7	%	36 - 46
RDWA	76.6	fL	37.0 - 54.0
RDW	15	%	11.5 - 14.5
Absolute Leucocyte Counts:			
Abs. Neutrophils	4.8	thou/mm ³	1.2 - 2.0
Abs. Lymphocytes	1.6	thou/mm ³	1 - 4
Abs. Eosinophils	0.5	thou/mm ³	0.02 - 0.5

Checked By :-

Signed By Pathologist

Techni



MAHARAJA SUHEL DEV AUTONOMOUS STATE MEDICAL

COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 30-May-2023 Reg/Ref: jaj / 431297 Collected At : DHB
 Name : MR. ARUN KUMAR RAI Age/Sex : 54 Yrs./Male
 Ref.By : Dr. New Ward : OPD
 Receipt : NA
 Requested Test : cbc, HBA1C, LFT, KFT, LIPID P., sugar-f, TC, uric, electo.
 Coll Time : 30-May-2023 07:37 AM Validate : 30-May-2023 08:20 PM Prn. Time : 30-May-2023 08:21 PM

Investigation	Observed Values	Units	Biological Ref. Interval
HBA1C	5.5	%	4.0 - 7.0
Glycosylated Haemoglobin			

Interpretation:

HbA1c %	Degree of glucose control
> 8	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
< 7	Goal
< 6	Non Diebetic Level

BIOCHEMISTRY

LIVER FUNCTION TEST

Serum Bilirubin, Total	0.52	mg/dl.	0.3-1.2
Serum Bilirubin, Direct	0.21	mg/dl.	0- 0.4
Serum Bilirubin, Indirect	0.31	mg/dl.	0.2-0.7
SGOT	39.0	IU/L	0-40
SGPT	21.5	IU/L	0-40
Serum Alkaline Phosphatas	185.9	IU/L	50-270
Serum Protein	7.53	gm/dL	6.0 - 8.0
Serum Albumin	4.06	gm/dL.	3.5 - 5.2
Serum Globulins	3.47	gm/dL.	2.0 - 3.5
Serum A/G Ratio	1.17 : 1	Ratio	

KIDNEY PANEL

Serum Urea	35	mg/dL.	10- 45
Serum Creatinine	0.8	mg/dL.	0.5-1.5



460614 Regn By: AKASH (REPORTING-PC)
 Printed: 30-May-2023 8:21:03 PM AKASH (REPORTING-PC)

Checked By :-

Signed By Pathologist

MAHARAJA SUHEL DEV AUTONOMOUS STATE MEDICAL

COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 17-Jun-2023 Reg/Ref: vip / 437822 Collected At : DHB
Name : MR. ARUN KUMAR RAI Age/Sex : 54 Yrs./Male
Ref.By : Dr. PRABHAKAR MISHRA Ward : OPD
Receipt : NA
Requested Test : cbc, LFT, KFT, LIPID P., uric, sugar-f, TC, electro.
Coll Time : 17-Jun-2023 08:59 AM Validate : 18-Jun-2023 02:19 PM Prn. Time : 18-Jun-2023 02:19 PM

Investigation	Observed Values	Units	Biological Ref. Interval
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HAEMATOLOGY

Complete Blood Count

Haemoglobin	14.5	gm/dl	13 - 17
Total Leucocyte Count (TLC)	7400	cells/mm ³	4000- 11000
Differential % Leucocyte Counts:			
Neutrophils	63.4	%	40 - 80
Lymphocytes	30	%	20 - 40
Eosinophils	6.6	%	1 - 6
Platelet Count	1.3	Lac cells/mm ³	1.5 - 4.5
LPCR	49.6	%	13.0 - 43.0
MPV	12.9	fL.	7.4 - 10.4
PDW	17.7	%	10.0 - 17.0
PCT	0.16	%	0.10 - 0.28
Total RBCs	4.61	Million cells/mm ³	3.8 - 4.8
MCV (Mean Cell Volume)	80.1	fL	80 - 100
MCH (Mean Corpus. Haemoglobin)	31.4	pg	27 - 32
MCHC (Mean Corpus. Hb Conc.)	39.2	g/dl	32 - 35
HCT (hematocrit)	36.9	%	36 - 46
RDWA	68.7	fL	37.0 - 54.0
RDW	16.2	%	11.5 - 14.5
Absolute Leucocyte Counts:			
Abs.Neutrophils	4.7	thou/mm ³	1.2 - 2.0
Abs.Lymphocytes	2.2	thou/mm ³	1 - 4
Abs.Eosinophils	0.5	thou/mm ³	0.02 - 0.5

Checked By :-

Signed By Pathologist

Techni



MAHARAJA SUHEL DEV AUTONOMOUS STATE MEDICAL

COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 17-Jun-2023 Reg/Ref: vip / 437822 Collected At : DHB
Name : MR. ARUN KUMAR RAI Age/Sex : 54 Yrs./Male
Ref.By : Dr. PRABHAKAR MISHRA Ward : OPD
Receipt : NA
Requested Test : cbc, LFT, KFT, LIPID P., uric, sugar-f, TC, electro.
Coll Time : 17-Jun-2023 08:59 AM Validate : 18-Jun-2023 02:19 PM Prn. Time : 18-Jun-2023 02:19 PM

Investigation	Observed Values	Units	Biological Ref. Interval
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BIOCHEMISTRY

LIVER FUNCTION TEST

Serum Bilirubin, Total	0.67	mg/dl.	0.3-1.2
Serum Bilirubin, Direct	0.42	mg/dl.	0- 0.4
Serum Bilirubin, Indirect	0.25	mg/dl.	0.2-0.7
SGOT	29.1	IU/L	0-40
SGPT	25.4	IU/L	0-40
Serum Alkaline Phosphatase	247.8	IU/L	50-270
Serum Protein	7.29	gm/dL	6.0 - 8.0
Serum Albumin	4.22	gm/dL.	3.5 - 5.2
Serum Globulins	3.07	gm/dL.	2.0 - 3.5
Serum A/G Ratio	1.37 : 1	Ratio	

KIDNEY PANEL

Serum Urea	42	mg/dL.	10- 45
Serum Creatinine	1.17	mg/dL.	0.5-1.5

LIPID PROFILE

Serum Cholesterol	193.1	mg/dL.	130 - 200
Serum Triglycerides	202.0	mg/dL.	30 - 200
HDL Cholesterol	41.88	mg/dL	40- 65
LDL Cholesterol	111	mg/dL.	UP TO 150
VLDL Cholesterol	40	mg/dL.	12 - 30
CHOL/HDL	4.61		
LDL/HDL	2.65		

Serum Uric Acid	5.84	mg/dL.	3.4 - 7.0
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BLOOD GLUCOSE

Plasma Glucose Fasting	91	mg/dL	70 - 110
Serum Calcium, Total	7.34	mg/dl.	8.2 - 10.2



COLLEGE & MAHRISHI BALARAK HOSPITALS
BAHRAICH UTTAR PRADESH
"AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 17-Jun-2023 Reg/Ref: vip / 437822 Collected At : DHB
Name : MR. ARUN KUMAR RAI Age/Sex : 54 Yrs./Male
Ref.By : Dr. PRABHAKAR MISHRA Ward : OPD
Receipt : NA
Requested Test : cbc, LFT, KFT, LIPID P., uric, sugar-f, TC, electro.
Coll Time : 17-Jun-2023 08:59 AM Validate : 18-Jun-2023 02:19 PM Prn. Time : 18-Jun-2023 02:20 PM

Investigation	Observed Values	Units	Biological Ref. Interval
ELECTROLYTE			
Serum Sodium (Na+)	148	mmol/l	135.0-148.0
Serum Potassium (K+)	4.76	mmol/l	3.50 - 5.30

----- End of report -----
Checked By :-

Techni

Signed By Pathologist
* Marked in NABL scope



MAHARAJA SUHEL DEV AUTONOMOUS STATE MEDICAL

COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 03-Jul-2023 Reg/Ref: jaj / 443383 Collected At : DHB
 Name : MR. ARUN KUMAR RAI Age/Sex : 53 Yrs./Male
 Rcf.By : Dr. ANSHUMAN SINGH Ward : OPD
 Receipt : NA
 Requested Test : LFT, KFT
 Coll Time : 03-Jul-2023 02:45 PM Validate : 03-Jul-2023 08:00 PM Prn. Time : 03-Jul-2023 08:00 PM

Investigation	Observed Values	Units	Biological Ref. Interval
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BIOCHEMISTRY

LIVER FUNCTION TEST

Serum Bilirubin, Total	0.74	mg/dl.	0.3-1.2
Serum Bilirubin, Direct	0.35	mg/dl.	0- 0.4
Serum Bilirubin, Indirect	0.39	mg/dl.	0.2-0.7
SGOT	24.4	IU/L	0-40
SGPT	21.9	IU/L	0-40
Serum Alkaline Phosphatase	180.5	IU/L	50-270
Serum Protein	7.82	gm/dL	6.0 - 8.0
Serum Albumin	4.34	gm/dL.	3.5 - 5.2
Serum Globulins	3.48	gm/dL.	2.0 - 3.5
Serum A/G Ratio	1.25 : 1	Ratio	

KIDNEY PANEL

Serum Urea	35	mg/dL.	10- 45
Serum Creatinine	0.92	mg/dL.	0.5-1.5

----- End of report -----

Checked By :-

Signed By Pathologist

* Marked in NAHL scope

Tech



BAHARAJA SUHEL DEV AUTONOMOUS STATE MEDICAL

COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 03-Aug-2023 Reg/Ref: Judge / 454096 Collected At : DHB
Name : MR. ARUN KUMAR RAI Age/Gender : 53 Yrs./Male
Ref.By : Dr. PRABHAKAR MISHRA Phone : Ward : OPD
Receipt : NA
Requested Test : KFT, uric, TC, electro.
Coll Time : 03-Aug-2023 09:31 AM Validate : 03-Aug-2023 03:02 PM Prn. Time : 03-Aug-2023 03:02 PM

Investigation	Observed Values	Units	Biological Ref. Interval
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BIOCHEMISTRY

KIDNEY PANEL

Serum Urea	34	mg/dL.	10- 45
Serum Creatinine	1.14	mg/dL.	0.5-1.5
Serum Uric Acid	5.29	mg/dL.	3.4 - 7.0

ELECTROLYTE

Serum Sodium (Na ⁺)	136.5	mmol/l	135.0-148.0
Serum Potassium (K ⁺)	4.78	mmol/l	3.50 - 5.30
Serum Ionic Calcium (Ca ⁺⁺)	1.27	mmol/l	1.10-1.30

Report Status : Final

हम आपके बीच स्वस्थ होने की कामना करते हैं।

End of report

Checked By :

Signed By Pathologist

Techni



484062 User: AKASH (POCT-PC)
Printed: 03-Aug-2023 03:52:43 PM

AHARAJA SUHEL DEV AUTONOMOUS STATE MEDICAL

COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 27-Apr-2023 Reg/Ref: jaj / 420140 Collected At : DHB
Name : MR. ARUN KUMAR Age/Gender : 53 Yrs./Male
Ref.By : Dr. New Phone : Ward : ALL WARDS...
Receipt : NA
Requested Test : cbc, LFT, KFT, LIPID P., sugar-f, t3 t4 tsh, THYPHOID, uric
Coll Time : 27-Apr-2023 08:50 AM Validate : 27-Apr-2023 06:18 PM Prn. Time : 27-Apr-2023 06:18 PM

Investigation	Observed Values	Units	Biological Ref. Interval
THYROID PROFILE			
Serum T3	0.99	ng/dl	0.6 - 1.81
Serum T4	9.85	ug/dl	4.5 - 10.9
Serum TSH	2.46	uIU/ml	0.35 - 5.5

Report Status : Final

हम आपके शीघ्र स्वास्थ्य होने की कामना करते हैं।

End of report

Checked By :-

Signed By Pathologist

Techni



MAHARAJA SUHEL DEV AUTONOMOUS STATE MEDICAL

COLLEGE & MAHRISHI BALARAK HOSPITALS BAHRAICH UTTAR PRADESH "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 03-Aug-2023 Reg/Ref: Judge / 454096 Collected At : DHB
Name : MR. ARUN KUMAR RAI Age/Gender : 53 Yrs./Male
Ref.By : Dr. PRABHAKAR MISHRA Phone : Ward : OPD
Receipt : NA
Requested Test : KFT, uric, TC, electo.
Coll Time : 03-Aug-2023 09:31 AM Validate : 03-Aug-2023 03:02 PM Prn. Time : 03-Aug-2023 03:02 PM

Investigation	Observed Values	Units	Biological Ref. Interval
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BIOCHEMISTRY

KIDNEY PANEL

Serum Urea	34	mg/dL.	10- 45
Serum Creatinine	1.14	mg/dL.	0.5-1.5
Serum Uric Acid	5.29	mg/dL.	3.4 - 7.0

ELECTROLYTE

Serum Sodium (Na+)	136.5	mmol/l	135.0--148.0
Serum Potassium (K+)	4.78	mmol/l	3.50 - 5.30
Serum Ionic Calcium (Ca++)	1.27	mmol/l	1.10-1.30

Report Status : Final

“हम आपके शीघ्र स्वस्थ होने की कामना करते हैं”

Checked By :

End of report

Signed By Pathologist

Techni



Name : Mr. ARUN KUMARRAY
 Lab No. : 440500727
 Ref By : DR U P SINGH
 Collected : 2/8/2023 7:04:00PM
 A/c Status : P
 Collected at : FPSC Behraich
 GULAMALIPURA STATION MODE AGRASEN
 CHOWK CITY OR DI,NANPARA
 ROAD,VODAFONE OFFICE,BAHRAICH 271801

Age : 54 Years
 Gender : Male
 Reported : 2/8/2023 9:05:53PM
 Report Status : Interim
 Processed at : Dr. Lal Path labs
 Vikas Nagar, Lucknow-226022

Test Report

Test Name	Results	Units	Bio. Ref. Interval
AFB STAIN, MISCELLANEOUS (Conventional Microscopy) Type of Specimen : URINE			

STAIN	RESULT	GRADE
Ziehl Neelsen	No acid fast bacilli seen	

Bio- Reference range is negative

Note: Result is dependent on the quality of specimen submitted.

Interpretation

Auramine smear reporting for AFB is qualitative (Positive/ Negative) only.

Grading of AFB smear by Z-N- Stain on basis of NTEP/WHO recommendation

EXAMINATION	RESULT	GRADING
More than 10 AFB / oil immersion field	Positive	3+
1-10 AFB/ oil immersion field	Positive	2+
10 -99 AFB / 100 oil immersion field	Positive	1+
1-9 AFB /100 oil immersion field	Positive	scanty
No AFB seen/ 100 oil immersion field	Negative	-NA

Note

Positive AFB smear results provide a first indication of mycobacterial infection and potential TB disease.

Smear-positivity and grade indicates relative bacterial burden and correlates with disease presentation.

Patient therapy may be initiated for TB based on smear result and clinical presentation-Changes in smear status important for monitoring response to therapy.

Does not distinguish between viable and dead organisms nor differentiates species of Mycobacteria.

A **negative AFB smear** may mean that no infection is present, that symptoms are caused by something other than mycobacteria, or that the mycobacteria were not present in sufficient numbers to be seen under the microscope.

Comments

Mycobacterium tuberculosis is a major health problem in India accounting for 25% of global TB burden. Due to the airborne spread of the disease have wide implications on public health making rapid diagnosis and



Name : Mr. ARUN KUMARRAY

Lab No. : 440500738

Ref By : DR U P SINGH

Collected : 4/8/2023 6:56:00PM

A/c Status : P

Collected at : FPSC Behraich
 GULAMALIPURA STATION MODE AGRASEN
 CHOWK CITY OR DI,NANPARA
 ROAD,VODAFONE OFFICE,BAHRAICH 271801

Age : 54 Years

Gender : Male

Reported : 5/8/2023 1:45:17PM

Report Status : Interim

Processed at : Dr. Lal Path labs
 Vikas Nagar, Lucknow-226022

Test Report

Test Name	Results	Units	Bio. Ref. Interval
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AFB STAIN, MISCELLANEOUS
 (Conventional Microscopy)

Type of Specimen : URINE

STAIN	RESULT	GRADE
Ziehl Neelsen	No acid fast bacilli seen	

Bio- Reference range is negative

Note: Result is dependent on the quality of specimen submitted.

Interpretation

Auramine smear reporting for AFB is qualitative (Positive/ Negative) only.

Grading of AFB smear by Z-N- Stain on basis of NTEP/WHO recommendation

EXAMINATION	RESULT	GRADING
More than 10 AFB / oil immersion field	Positive	3+
1-10 AFB/ oil immersion field	Positive	2+
10 -99 AFB / 100 oil immersion field	Positive	1+
1-9 AFB /100 oil immersion field	Positive	scanty
No AFB seen/ 100 oil immersion field	Negative	-NA

Note

Positive AFB smear results provide a first indication of mycobacterial infection and potential TB disease.

Smear-positivity and grade indicates relative bacterial burden and correlates with disease presentation.

Patient therapy may be initiated for TB based on smear result and clinical presentation-Changes in smear status important for monitoring response to therapy.

Does not distinguish between viable and dead organisms nor differentiates species of Mycobacteria.

A **negative AFB smear** may mean that no infection is present, that symptoms are caused by something other than mycobacteria, or that the mycobacteria were not present in sufficient numbers to be seen under the microscope.

Comments

Mycobacterium tuberculosis is a major health problem in India accounting for 25% of global TB burden. Due to the airborne spread of the disease have wide implications on public health making rapid diagnosis and

