





# HOLY FAMILY HOSPITAL

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## CASE SUMMARY

Dated : 15/12/2020

**SYED MOHAMMAD BURAIR, 12 years old male** bearing IPD no 20/020323 is a known case of CKD on MHD, Hyperkalemia, B/L Hydrouretronephrosis was admitted on 14/12/2020 with complaints of Fever after Hemodialysis(HD initiated in October)

Dynamic Renal Scintigraphy was done on 20/10/2020 which revealed Global GFR is compromised because of Obstructive Uropathy, Nephropathy.

Micturating Cysto Urethrography was done on 28/10/2020 which revealed Bladder well distended. There is e/o irregular wall with multiple trabeculations. No obvious vesicoureteric reflux is seen on either side. Posterior and anterior urethra appear regular with no stricture or narrowing. No evidence of any peri-urethral abscess or diverticulum. He was previously admitted in Rainbow Childrens Hospital on 29<sup>th</sup> October with complaints of headache, fatigue, laboured breathing & altered sensorium where he had cardiac arrest, child was intubated & CPR was started as per protocol, child was revived and shifted to PICU and Discharged on 5<sup>th</sup> November 2020.

Patient was admitted under Nephrology.

On investigation dated 14/12/2020, labs revealed Hb-12.4, TLC-6.5, Platelets-160,000, Urea-108, Creat-5.66, Sodium- 131, Potassium- 6.11.

USG KUB done on 15/12/2020 revealed RENAL PARENCHYMAL DISEASE WITH B/L HYDROURETRONEPHROSIS & THICKENED IRREGULAR VESICAL WALL.

Urology & Paediatric consultation were sought and orders were carried out.

He is being managed with Hemodialysis, K-BIND sachet TWICE A DAY, TAB LINID ½ TAB TWICE A DAY, TAB ARKAMINE 0.1MG THRICE A DAY, TAB AMLODEPINE 5MG ONCE A DAY.

This case summary is being issued as requested by family for NGO purposes.

All reports are also provided along with this case summary.

### Diagnosis:

**CKD-5 ON MHD**

**HYPERKALEMIA**

**B/L HYDROURETRONEPHROSIS**



**Hosp.No 20/020323****SYED MOHAMMAD BURAIR 12 Yrs. Male**

Accept.Dt	Smpl No.	Test Name	Result	Unit	Ref. Ranges
<b>CHEMISTRY2</b>					
14/12/2020	3313368	UREA, Serum (Urease	108 *	mg/dl	13 - 43
		CREATININE, Serum	5.66 *	mg/dl	0.67 - 1.17
		URIC ACID, Serum (	7.98 *	mg/dl	4.4 - 7.6
<b>Profile : ELECTROLYTES_SERUM</b>					
		SODIUM, Serum	131 *	meq/l	136 - 145
		POTASSIUM, Serum	6.11 *	meq/l	3.5 - 5.1
		CHLORIDE, Serum	102.6	meq/l	98 - 107
		BICARBONATE (Enzyme	18.7 *	meq/l	23 - 29
<b>HEMATOLOGY</b>					
<b>Profile : CBC,</b>					
14/12/2020	3313368	Hemoglobin, Blood (	12.4 *	g/dl	13.0 - 17.0
		TLC, Blood (Elect. I	6.5	10 <sup>9</sup> /uL	4.0 - 10.0
		Lymphocytes	26.1	%	20 - 40
		Monocytes	6.0	%	2 - 10
		Eosinophil	5.0	%	1 - 6
		Basophil	0.7	%	0 - 2
		Neutrophil-Segs	62.2	%	40 - 80
		Anisocytosis	MILD		
		Polychromasia	OCCASIONAL		
		RBC Count, Blood (E	4.48 *	mill/c	4.5 - 5.5
		HCT, Blood (Calcula	38.6 *	%	40 - 50
		MCV, Blood (Elect	86.2	f	83 - 101
		MCH, Blood (Calcula	27.6	pg	27 - 32
		MCHC, Blood (Calcul	32.0	g/dl	31.5 - 34.5
		RDW, Blood (Derive	21.0 *	%	11.6 - 14.0
		Platelet Count, Bloo	160	10 <sup>9</sup> /uL	150 - 410

End of Report

This is a Computer generated report and is validated electronically

**Authorized By : DR. SUDHA SUCHDEVA****Authorized By : DR. SHALU CHAUDHARY**

Printed By : 4512

Printed On : 16 December 2020 09:23:07

Pages : 1 of 1

LPL - PSC YAMUNA VIHAR-2  
 B-4/122 Yamuna vihar nr Bhajanpura Thana  
 Cont: 011 22915801, 9811119729



Name	: Mr. SYED MOHAMMAD BURAIR	Collected	: 12/12/2020 1:06:00PM
Lab No.	: 155972458	Age: 12 Years	Gender: Male
A/c Status	: P	Ref By: HOLY FAMILY HOSPITAL	Reported
			: 12/12/2020 1:43:04PM
			: 12/12/2020 7:45:42PM
		Report Status	: Interim

Test Name	Results	Units	Bio. Ref. Interval
<b>KIDNEY PANEL; KFT,SERUM</b>			
Urea (Urea) (U)	55.00	mg/dL	10.00 - 38.00
Creatinine (Modifed Jaffe-Kjeldahl)	3.64	mg/dL	0.30 - 0.70
Uric Acid (Uricase)	4.10	mg/dL	2.00 - 5.50
Calcium, Total (Aromase III)	8.90	mg/dL	8.80 - 10.80
Phosphorus (Molybdate UV)	2.38	mg/dL	3.30 - 5.40
Alkaline Phosphatase (ALP) (PCC-AMP)	173	U/L	200.00 - 495.00
Total Protein (Buret)	6.90	g/dL	6.00 - 8.00
Albumin (BCG)	3.44	g/dL	3.80 - 5.40
A : G Ratio (Calculated)	0.99		0.90 - 2.00
Sodium (Indirect ISE)	132.00	mEq/L	138.00 - 145.00
Potassium (Indirect ISE)	6.12	mEq/L	3.40 - 4.70
Chloride (Indirect ISE)	107.00	mEq/L	98.00 - 107.00

ADVICE: CKD RISK MAP



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*Himangshu*

Dr Himangshu Mazumdar  
 MD, Biochemistry  
 Senior Consultant - Clinical Chemistry  
 & Biochemical Genetics  
 NRL - Dr Lal PathLabs Ltd

*Kamal Modi*

Dr. Kamal Modi  
 MD, Biochemistry  
 Consultant Biochemist  
 NRL - Dr Lal PathLabs Ltd

*Ritu*

Dr Ritu Nayyar  
 MD, Microbiology  
 Deputy HOD - Microbiology & Serology  
 NRL - Dr Lal PathLabs Ltd

*Nimmi Kansal*

Dr Nimmi Kansal  
 MD, Biochemistry  
 National Head - Clinical Chemistry &  
 Biochemical Genetics  
 NRL - Dr Lal PathLabs Ltd

*Shalabi Malik*

Dr Shalabi Malik  
 MD, Microbiology  
 National Head - Microbiology &  
 Serology  
 NRL - Dr Lal PathLabs Ltd

*Anil Anra*

Dr Anil Anra  
 MD, Pathology  
 HOD Hematology &  
 Immunohematology  
 NRL - Dr Lal PathLabs Ltd

*Sunanda*

Dr Sunanda  
 MD, Pathology  
 Consultant  
 NRL - Dr Lal PathLabs Ltd

Result/s to follow:  
 CULTURE AEROBIC BLOOD, RAPID, CULTURE, URINE

### IMPORTANT INSTRUCTIONS

\*Test results released pertain to the specimen submitted.\*All test results are dependent on the quality of the sample received by the Laboratory.  
 \*Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician.\*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.\*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.\*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.\*Test results may show interlaboratory variations.\*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).\*Test results are not valid for medico legal purposes. \*Contact customer care Tel No. +91-11-39885050 for all queries related to test results.  
 (#) Sample drawn from outside source.



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### Test Name

### Results

### Units

### Bio. Ref. Interval

KDIGO guideline, 2012 recommends Chronic Kidney disease (CKD) should be classified based on cause, GFR category and albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps clinician to identify individuals who are progressing at more rapid rate than anticipated

# INDIAN INSTITUTE OF NUCLEAR MEDICINE & SCANNING

I/S National Heart Institute, 49/50 Community Center, East of Kailash  
New Delhi - 110065

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Sr. Consultant & Head  
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**BLADDER:** -NORMAL RESIDUAL VOLUME  
-THERE IS NO DIFFERENCE IN TRACER CONCENTRATION BETWEEN  
-PRE AND POST VOID FILMS SIGNIFYING NO INDIRECT EVIDENCE OF  
i) VESICO-URETERIC REFLUX ON EITHER SIDE OR  
ii) GRAVITY DEPENDENT DRAINAGE

DELAYED IMAGE : Right kidney not visualised properly even in delayed images.

**IMPRESSION** PROVOCATIVE IMAGING WITH DIURETIC ADMINISTERED 15  
MINS BEFORE THE STUDY STARTED TO PRECIPITATE EQUIVOCAL OBSTRUCTION, IF  
ANY REVEALS:-

**LEFT KIDNEY** i) NORMAL IN SIZE  
ii) SEVERELY COMPROMISED CORTICAL FUNCTION  
iii) THERE IS OBSTRUCTION TO OUTFLOW AT PUJ

**RIGHT KIDNEY:** i) NORMAL IN SIZE  
ii) SEVERELY COMPROMISED CORTICAL FUNCTION  
iii) A COMMENT ABOUT OUTFLOW AND OBSTRUCTION CANNOT BE  
MADE WITH CERTAINTY AS THE TRACER HAS NOT TRAVERSED THE  
PARENCHYMA TO REACH THE PELVICALYCEAL SYSTEM.  
iv) VERY LITTLE/NIL VIABLE CORTEX SEEN, HENCE ? NON-SALVAGEABLE

GLOBAL GFR = 9.2ml/min/0.98sq m BSA ( normal range for BSA = 78 ml/min + - 17ml/min)

SPLIT FUNCTION: LEFT KIDNEY = 82%  
RIGHT KIDNEY = 18%

N.B: THE GLOBAL GFR IS COMPROMISED BECAUSE OF:  
I) OBSTRUCTIVE UROPATHY  
II) NEPHROPATHY ? CAUSE.

*Awadhesh Pandey*

Dr. AWADHESH PANDEY  
Sr. CONSULTANT & HEAD

END OF REPORT

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Test Name	Results	Units	Bio. Ref. Interval
<b>URINE EXAMINATION, ROUTINE; URINE, R/E</b> (Automated Strip Test, Microscopy)			
<b>Physical</b>			
Colour	Light Yellow		Pale yellow
Specific Gravity	<=1.005		1.001 - 1.030
pH	9.0		5.0 - 8.0
<b>Chemical</b>			
Proteins	Present 3+(300 mg/dL)		Negative
Glucose	Negative		Negative
Ketones	Negative		Negative
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative
Leucocyte Esterase	Negative		Negative
Nitrite	Negative		Negative
<b>Microscopy</b>			
R.B.C.	10-13 RBC/HPF		0.0 - 2.0 RBC/hpf
Pus Cells	2-3 WBC/HPF		0-5 WBC / hpf
Epithelial Cells	0-1 Epi Cells/hpf		0.0 - 5.0 Epi cells/hpf
Casts	Granular 1/8-10 LPF		None seen/Lpf
Crystals	None seen		None seen
Others	None seen		None seen

Result Rechecked,  
 Please Correlate Clinically.





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Test Name	Results	Units	Bio. Ref. Interval
HEMOGLOBIN; Hb, BLOOD (Photometry)	12.80	g/dL	11.50 - 15.50



सेवा में

16.12.20

श्रीमान फादर जी  
होली फैमिली हॉस्पिटल  
नई दिल्ली

आदरणीय फादर जी,

आपसे निवेदन करते हैं

मेरा नाम

कि मेरा बेटा सीयद मोहम्मद बुशरी आपके हॉस्पिटल  
में दाखिल है, उसके गुंथे अंगठ है और dialysis  
हो रही है। मैं उसका पूरा खर्चा करे उठा पा रहा  
हूँ तो आबकी अती कृपा होगी अगर जाफ मेरी

सदक करे

धन्यवाद

शरह मोहम्मद

सीयद का पिता

Forwarded to Children  
Care Foundation  
Anand Kanyaka  
10/10/2020  
NEW DELHI, INDIA