

Patient Name: Nandani Kumari

Age: 19 Y.O

Gender: F

Disease: Proximal Renal Tubular Acidosis (pRTA)



What is Proximal Renal Tubular Acidosis (pRTA)?

Proximal Renal Tubular Acidosis (pRTA) is a rare kidney disorder where the **proximal tubules** in the kidneys **fail to reabsorb bicarbonate properly**. Bicarbonate is important for maintaining the body's acid-base balance. When it's lost in the urine, the **blood becomes too acidic** — a condition called **metabolic acidosis**.

If untreated, chronic acidosis can lead to:

- Poor growth in children
- Weak bones (osteomalacia/rickets)
 - Kidney stones
 - Muscle weakness

24/4/25
 208/24

mean for 6 full
 today 14.5 kg

Dr. Aditi Sinha
 Senior Resident
 Department of Pediatrics
 All India Institute of Medical Sciences, New Delhi

wt = 14.5 kg
 BP: 90/60 mmHg.

Ht =
 Non compliance

X-ray Knees
 VBS
 2 - 2 - 2
 2 - 1 - 1
 Addphor 6 packets daily
 (safety 4 daily)

4C word
 Dr. Eliza
 Diva / Ayar

Kidney
 40 - 40 - 40 - 40
 500 - 500 - 500 - 500

23/4/25
 wt = 14.4 kg

BP: 90/64 mmHg

Dr. Aditi Sinha
 Dr. Aditi Sinha
 Professor
 Department of Pediatrics
 All India Institute of Medical Sciences, New Delhi

Dr. Vishnu Dev P M
 Senior Resident
 Department of Pediatrics

14/4/25
 BP: 90/64 mmHg

1) T. shunt 2-2-2
 2) Ro cult 1-1-1
 3) Add phor 6 packets daily
 6-12-6-12
 4) Kidney 50-40-50-40
 5) Nodules 500-500-500-500
 6) Rlin 30

Rlin today in
 MCP-4C
 conclusion/mtg
 GGT/ALT/ALB

Calcium/ALP/mtg
 14/4/25

Dr. Vishnu Dev P M
 Senior Resident
 Department of Pediatrics
 All India Institute of Medical Sciences, New Delhi

20/1/25

$$y_t =$$
$$wt = 15 \text{ kg}$$

BP = 80/50 mm.

187.1/25

Came to actually belong!

Ways	15	14.3
cred	0.7	0.51
C ₀	9.5	6.5
P	1.4	1.4
VA	1.8	1.1
W ₀	141	142
z	3.3	4.4

for

Better $\frac{2}{3}$ $\left[\frac{1}{3} \right]$
 $\left(\frac{1}{3} \right)$

- Contains same φ

- 4C word 9 aa

Ans: GATT days shown is

be 'de novo'

(parents' sayers done)

Fanconi RTS/GATM

VIB GA.

$m = 1.162$

P60v-32.7

$$Na^+ - 132.8$$
$$K^+ - 2.56$$
 $\alpha^- - 127.8$

Had vomiting yesterday

Refer to Red's Casualty -
GCCR

Gene 1v KCl @ 1mg/kg
if ≤ 2.5 or

$\rightarrow 2.5 + 4 \text{ to } 6 \text{ change}$

PT - 15th

40ml — 40ml — 40ml — 40ml.

23/1/25

Please make an card

OR sound rest continue same th
over next char.

DRS as 150 ml after
each loose stools.

Tab onset (4yr) $\frac{1}{2}$ tabs 20 sec

Tan Pantar long oo e/s & 3 day

R/A on Thursday in OPD

Dr. KANIKA KAPOOR
DM Senior Resident
Pediatric Nephrology
AIIMS, New Delhi-29

Dr. KANIKA KAPOOR
DM Senior Resident
Pediatric Nephrology
AIIMS, New Delhi-29



शरीरमाद्यं खलु धर्मसाधनम्

अ० भा० आ० सं० अस्पताल/A.I.I.M.S. HOSPITAL
बहिरंग रोगी विभाग /Out Patient Department

अस्पताल के अन्दर धूम्रपान मना है।/SMOKING IS PROHIBITED IN HOSPITAL PREMISES



OPR-6

एकक/Unit _____

विभाग/Dept. _____

ब० र० वि० पंजीकृत सं०/O.P.D. Regn. No.

नाम/Name	पिता/पुत्र/पत्नी/पुत्री F/S/W/D of	लिंग Sex	आयु Age	पता/Address
Nandini Nandani Kumari	Dalsingh Chaudhary (Pasi)	F	18y	20130217557 Paeeds.

निदान/Diagnosis

FERS/GARM variant / severe osteoarthritis

दिनांक/Date

23/1/2025

उपचार/Treatment

Lukanya

Rose disease program

Down 3 months & ref

to

7 exercises every 4 mp ses
Pain-20 tabs daily sos.

Tabs Calcium Carbonate 500 bid 2 tablets each
200 200 200 200

Sachet Adaphos 1 1/2 - 1 1/2 - 1 1/2 - 1 1/2

Cop ~~exercises~~ (0.5g) 2 tabs thrice
NOCAITROL
00 00 00
2 2 2

Lys & Citrate 40 - 40 - 40 - 40

Tabs Naloxon (500) 1 - 1 - 1 - 1

3 months

आर्य समाज (सं० ग० वि० अ०) Lukanya

दिनांक 23/1/25

डीलिंग सहकार के द्वारा Rose disease program

डॉ. अदिति सिन्हा
DR. ADITI SINHA
Additional Professor



CLEAN AND GREEN AIIMS / एम्स का यही संकल्प, स्वच्छता से काया कल्प
अंगदान-जीवन का बहुमूल्य उपहार/ORGAN DONATION - A GIFT OF LIFE
O.R.B.O., AIIMS, 26588360, 26593444, www.orbo.org Helpline - 1060 (24 hrs service)
25/01/25 अस्पताल
meraaspatil.nhp.gov.in



अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली
All India Institute Of Medical Sciences, New Delhi

UHID: 20130217557 Sex: Female
Patient Name: Miss. NANDANI KUMARI Sample Received Date: 26-Nov-2024 11:17 AM
Age: 18Y Department: Paediatrics
Lab Name: Dept of Laboratory Medicine Lab Sub Centre: Smart Lab New OPD Block
Reg Date: 26-Nov-2024 09:35 AM Sample Collection Date: 26-Nov-2024 08:44 AM
Recommended By: Dr. Rakesh Yadav Lab Reference No: 2414925018

Sample Details : LC2611240357

Sample Type : Serum

Report

BIOCHEMISTRY

Test Name (Methodology)	Result	UOM	Reference
Urea (Urease/GLDH)	14	mg/dL	17 - 49
Creatinine (Jaffe compensated)	0.8	mg/dL	0.5-0.9
Uric Acid (Uricase Colorimetric)	1.9	mg/dL	2.4-5.7
Calcium (S-Nitro-S'-methyl-BAPT)	11.2	mg/dL	8.6 - 10.2
Phosphate (Phosphomolybdate Reduction)	1.4	mg/dL	2.5-4.5
Sodium (ISE (indirect))	141	mmol/L	135 - 145
Potassium (ISE (indirect))	3.9	mmol/L	3.5-5.1
Chloride (ISE (indirect))	112	mmol/L	98-107

-----End of Report-----

Dr. Sudip Kumar Datta
(MD Biochemistry)

Dr. Tushar Sehgal
(DM Hematopathology)

Dr. Suneeta Meena
(MD Microbiology)

Dr. Sudip Kumar Datta MD
(Biochemistry)
26-Nov-2024 11:26

On Ca 1500 mg/day
P₄ 3g/day ~ 200 mg/kg/day
Rocaltrol 270.75 µg/day ~ 50 mg/kg/day = 500 ng/kg/day
KClT 280 mEq/day ~ 18.67 mEq/kg/day
NODOS 17.85 mEq/day ~ 1.2 mEq/kg/day

Generated On 26-Nov-2024 11:27:30 762.8824

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Page 3 of 1

Attention: Please collect blood samples by puncturing the rubber cap of the vacutainers. Manual opening of caps and filling it must be avoided strictly. Lab reports are subjected to pre-analytical errors due to inappropriate patient preparation, phlebotomy practices, storage and transport. Please inform SMART Lab in case of any discrepancies with the expected results on the same day on Ext.no. 2526



अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NEW DELHI
Department Of Lab Medicine (Emergency and Ward)

UHID: 20130217557 Sex: Female
Patient Name: Miss. NANDANI KUMARI Sample Received Date: 28/11/2024 12:18 AM
Age: 18 years 7 months 10 days Department: DEPT. OF EMERGENCY MEDICINE
Unit Name: Unit-I Unit Incharge: Dr. Rakesh Yadav
Lab Name: Lab Medicine Lab Sub Centre:
Reg Date: 17/04/2013 09:41 AM Sample Collection Date: 27/11/2024 09:56 PM
Report Generated Date: 28/11/2024 01:57 am Dept / IRCH No: 20240300133077
Recommended By: Dr. Rakesh Yadav Emergency HOD Lab Reference No: 37

Sample Details : WC-2711241001

Report

Test Name	Result	Comment	Normal Range
Urea (Urease method)	14.5 mg/dL		15 - 42 mg/dL
Creatinine (Creatine amidino hydrolase, Enzymatic method)	0.66 mg/dL		0.52 - 1.04 mg/dL
Uric Acid (Uricase Method)	1.5 mg/dL		2.5 - 6.2 mg/dL
Calcium (Arsenazo III method)	8.6 mg/dL		8.4 - 10.2 mg/dL
Phosphorus (p-methylaminophenol sulfate)	5.8 mg/dL		2.5 - 4.5 mg/dL
Sodium (Potentiometric)	142 mmol/L		137 - 145 mmol/L
Potassium (Potentiometric)	3.6 mmol/L		3.5 - 5.1 mmol/L
Chloride (Potentiometric)	112 mmol/L		98 - 107 mmol/L
Total Bilirubin (Modified diazo method)	0.34 mg/dL		0 - 1.2 mg/dL
Direct Bilirubin (Calculated)	0.29 mg/dL		0 - 0.3 mg/dL 0 - 0.3
Indirect Bilirubin (Caffeine sodium benzoate method)	0.05 mg/dL		0.02 - 1.1 mg/dL 0 - 1.1
ALT(UV with pyridoxal 5 phosphate method)	22 U/L		0.00-0.00
AST(UV with pyridoxal 5 phosphate method)	31 U/L		14 - 36 U/L
ALP(PNPP,AMP Buffer-IFCC)	497 U/L		38 - 126 U/L 44 - 107 U/L
Albumin (BCG Method)	4.4 gm/dl		3.5 - 5 gm/dl
Globulin (Calculated)	3.2 gm/dl		3 - 3.7 gm/dl
A/G ratio (Calculated)	1.38		0.8 - 2
Total protein (Biuret reaction)	7.6 gm/dl		6.3 - 8.2 gm/dl

Over All Comment :

Kindly correlate results clinically.

Authorised Signatory

Verified By
akhilaga



अहि न भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NEW DELHI
Department Of Lab Medicine (Emergency and Ward)

UHID: 20130217557 Sex: Female
Patient Name: Miss. NANDANI KUMARI Sample Received Date: 28/11/2024 12:18 AM
Age: 18 years 7 months 10 days Department: DEPT. OF EMERGENCY MEDICINE
Unit Name: Unit-I Unit In charge: Dr. Rakesh Yadav
Lab Name: Lab Medicine Lab Sub Centre:
Reg Date: 17/04/2013 09:41 AM Samp Collection Date: 27/11/2024 09:56 PM
Report Generated Date: 28/11/2024 01:57 am Dept / IRCH No: 20240300133077
Recommended By: Dr. Rakesh Yadav Emergenc HOD Lab Reference No: 37

Sample Details : WC-2711241001

Report

Test Name	Result	Comment	Normal Range
Urea (Urease method)	14.5 mg/dL		15 - 42 mg/dL
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Direct Bilirubin (Calculated)	0.29 mg/dL		0 - 0.3 mg/dL 0 - 0.3
Indirect Bilirubin (Caffeine sodium benzoate method)	0.05 mg/dL		0.02 - 1.1 mg/dL 0 - 1.1
ALT(UV with pyridoxal 5 phosphate method)	22 U/L		0.00-0.60
AST(UV with pyridoxal 5 phosphate method)	31 U/L		14 - 36 U/L
ALP(PNPP,AMP Buffer-IFCC)	497 U/L		38 - 126 U/L 44 - 107 U/L
Albumin (BCG Method)	4.4 gm/dl		3.5 - 5 gm/dl
Globulin (Calculated)	3.2 gm/dl		3 - 3.7 gm/dl
A/G ratio (Calculated)	1.38		0.8 - 2
Total protein (Biuret reaction)	7.6 gm/dl		6.3 - 8.2 gm/dl

Over All Comment :

Kindly correlate results clinically.

Authorised Signatory

Verified



अ. भा. आ. सं. अस्पताल / A.I.I.M.S. HOSPITAL

बहिरंग रोगी विभाग / Out Patient Department

अस्पताल के अन्दर धूम्रपान मना है। / SMOKING IS PROHIBITED IN HOSPITAL PREMISES



अनुस्तिथिका विज्ञान



UHID: 20130217557
ABHA: nandan1_18.1998@abdm
Dept No: 20180250006208

कमरा / Room
C-318

Queue / संख्या
F209

Unit-I, Endocrinology.

OPR-6

वि. पंजीकृत सं. / O.P.D. Regn. No.

NANDANI KUMARI

D/O DAL SINGHAR PASI CHOUDHARY
18Y 7M 8D / F (महिला)
DIST-SMVAN, BIHAR, INDIA

Ph: 9084889821
Follow Up Patient

General Rs. 0

FR: सेम. शुक्र.



Reporting: 08:56:38
25/11/2024

आयु
Age

पता / Address

1302/7557

Endo.

निदान / Diagnosis

Proximal RTA / Pathological # Tibia.

दिनांक / Date

उपचार / Treatment

23.11.24

W/A - 14/0.8

Ca²⁺ - 12.3

PO₄ - 1.6

Na⁺ / K⁺ - 138/2.9

ANP - 661

Vit D - 30.80

Hb - 13.0

vBG

pH - 7.266

Na⁺ / K⁺ - 130/2.6

iCa²⁺ - 2.0

o/p w Ref VP Tyolima

currently not fit for any corrective sx

01) Addiphae patchet 1 patchet (500)

1 1/2 - 1 1/2 - 1 1/2 - 1 1/2

02) T. CaCO₃ 1 TDS

03) Calciol 60 K 10/month

04) T. Rocaltrol 0.25mg

2 tabs TDS

05) hyp KCl 35ml QID

06) T. Nodarin 500mg TDS

7) R/A 2 months = CBC/LFT/RFT/Vit D & vBG

जारी जमा पूर्वी स्वा.पं. (नि.अनु.)
दिनांक 27/11/24
डिप्टिंग सहायक के हस्ताक्षर



आयुर्वेदिक चिकित्सा विभाग
(ayurveda.gov.in)

CLEAN AND GREEN AIIMS / एम्स का यही संकल्प, स्वच्छता से क्रिया कल्प
अंगदान - जीवन का बहुमूल्य उपहार / ORGAN DONATION - A GIFT OF LIFE
O.R.B.O., AIIMS, 26588360, 26593444, www.orbo.org Helpline - 1060 (24 hrs service)

kindly give
Vikram Sadan

अन्तःस्त्राविका
Dept. of Endocrinology
अ.भा.आ.रं., नं. 148, 149, 150
A.I.I.M.S., New Delhi-110029

मेरा अस्पताल
My Hospital
meraaspatal.nhp.gov.in



अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली
All India Institute Of Medical Sciences, New Delhi

UHID: 20130217557 Sex: Female
Patient Name: Miss. NANDANI KUMARI Sample Received Date: 23-Nov-2024 19:47 PM
Age: 18Y Department: Paediatrics
Lab Name: Dept of Laboratory Medicine Lab Sub Centre: Smart Lab New OPD Block
Reg Date: 23-Nov-2024 11:36 AM Sample Collection Date: 23-Nov-2024 09:23 AM
Recommended By: Lab Reference No: 2414914954
Sample Details: IC2311240652 Sample Type: Serum

Report

BIOCHEMISTRY

Test Name (Methodology)	Result	UOM	Reference
Urea (Urease/GLDH)	14	mg/dL	17 - 49
Creatinine (Jaffe compensated)	0.8	mg/dL	0.5-0.9
Uric Acid (Uricase Colorimetric)	1.9	mg/dL	2.4-5.7
Calcium (5-Nitro-5'-methyl-BAPTA)	12.3	mg/dL	8.6 - 10.2
Phosphate (Phosphomolybdate Reduction)	1.6	mg/dL	2.5-4.5
Sodium (ISE (indirect))	138	mmol/L	135 - 145
Potassium (ISE (indirect))	2.9	mmol/L	3.5-5.1
Chloride (ISE (indirect))	111	mmol/L	98-107
Bilirubin (T) (Colorimetric diazo)	0.40	mg/dL	0 - 1
Bilirubin (D) (Diazo Gen.2 Jendrassik-Grof)	0.13	mg/dL	0 - 0.2
Bilirubin (I) (Calculated)	0.27	mg/dL	0 - 0.9
ALT (IFCC without pyridoxal phosphate)	27	U/L	<=33
AST (IFCC without pyridoxal phosphate)	38	U/L	<=32
ALP (PNPP/AMP Buffer - IFCC)	661	U/L	45 - 87
Total protein (Biauret Method)	7.8	g/dL	6.4 - 8.3
Albumin (Bromocresol Green (BCG))	4.8	g/dL	4.0 - 4.9
Globulin (Calculated)	2.9	g/dL	3.0 - 3.7
A/G ratio (Calculated)	1.7		0.8-2.0
Vitamin D3 Total (ECLIA)	30.80	ng/mL	10 - 44
Iron (Colorimetric Assay)	153	µg/dL	37-145
Ferritin (ECLIA)	84.4	ng/mL	15-150
TIBC (Calculated)	378	µg/dL	250-450
Vitamin B12 (ECLIA)	406.00	pg/mL	197 - 771
Serum Folate (ECLIA)	8.99	ng/mL	3.1 - 17.5

Dr. Sudip Kumar Datta
(MD Biochemistry)

Dr. Tushar Sehgal
(DM Hematopathology)

Dr. Suneeta Meena
(MD Microbiology)

Dr Vani Anand
24-Nov-2024 01:10

Generated On 24-Nov-2024 01:12:40 626.270L

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Page 1 of 2

Attention: Please collect blood samples by puncturing the rubber cap of the vacutainers. Manual opening of caps and filling it must be avoided strictly. Lab reports are subjected to pre-analytical errors due to inappropriate patient preparation, phlebotomy practices, storage and transport. Please inform SMART Lab in case of any discrepancies with the expected results on the same day on Ext.no. 2526

PAEC- 2332



अ० भा० आ० सं० अस्पताल / A.I.I.M.S. HOSPITAL
बहिरंग रोगी विभाग / Out Patient Department
अस्पताल के अन्दर धूम्रपान मना है। / SMOKING IS PROHIBITED IN HOSPITAL PREMISES



अंतःस्त्राविका विज्ञान
UHD: 20130217557
Dept No: 20160250006208
NANDANI KUMARI
D/O DAL SINGHAR PASI CHOUDHARY
18Y 3M 12D / F (महिला)
DIST-SIWAN, BHAR. INDIA
Ph: 8084889821 General Rs. 0
Follow Up Patient

कमरा / Room C-318
Queue/संख्या F130
Unit-I, Endocrinology.

रोगी/पंजीकृत नं०/O.P.D. R

LH3107240211 20130217557

LC3107240442 20130217557



NANDANIKUMARI

130217557
Endo

निदान/Diagnosis

Postmenopausal RPA / pathological # Tibia

दिनांक/Date

उपचार/Treatment

AIIMS FREE GENERIC PHARMACY
(✓) MEDICINE RECEIVED

NAME: 02/8/24 3m
DATE: 02/8/24 3m
SIGN:

Upto Prof R. Khadgaurel

Q. K+
Smear every
Review
& repeat
next
Monday

① Alphas. Sachet 1 Sachet QID

② Tab Calos (Bleical) 2 tabs bdy.

③ Sachet Calcitol 60000U/monthly (Oral)

④ Capsule Rocaltrol 0.25µg 2 capsules (Calcitriol)

⑤ Lyp kit 30ml QID.

- Refer to Dr Aditi Sinha

for Review of K-cit dose i/v/o S. Kt

⑥ Before the next dose



CLEAN AND GREEN AIIMS / एम्स का यह संकल्प, स्वच्छता से काया कल्प

अंगदान-जीवन का बहुमूल्य उपहार / ORGAN DONATION - A GIFT OF LIFE
O.R.B.O., AIIMS, 26588360, 26593444, www.orbo.org Helpline - 1060 (24 hrs service)

मेरा अस्पताल
My Hospital
meraspatal.nhp.gov.in

25/11/24

Ht - 06m

Wt - 15.1kg

BP - 90/64mmHg

Kindly give reports

do - VBT/SS
- KFT/ECG - calcium
- KFT/LFT - protein
- CBC - creatinine

to meet Dr Subanyu today
+ Prof Khanna

(26/11/2024)

Repeat EFT

Ca = 11.2, P = 1.4 mg/dL

ECG → no STc shortening;
no features of
hypokalaemia

do - RPT (KFT) & ECG
+ CaCO₃ 1 tab & orally
- ↑ Adelpur (500) 1 1/2 - 1 1/2 - 1 1/2 - 1 1/2
- Cap ROCAEOL 0.25 mg 2 cap & orally
- ↑ LFT KFT 35 - 35 - 35 - 35
- ↓ RFT NOXOSIS 500 mg - 500 - 500 / x 3 mo
- Dr Subanyu / today
- MASLO SRK PRA
- Mr Yadav
- 500 mg 1/2
- 0.25 mg 1 cap PD TDS

wednesday

for @ 9:42 am - 12 noon

1/2 Subanyu

- Requesting smart lab to accept
blood samples of Malti Devi
(mother of Nandini) after
generating VHID.

Thanks





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Aarogya Sankalp Foundation

+91 93100 64952

Scan & pay



UPI ID: 9310064952@okbizaxis

BHIM
BHARAT INTERFACE FOR MONEY

UPI
UNIFIED PAYMENTS INTERFACE



PhonePe

