

Red Blood Cell : NIL HPF NONE

Trichomonad : ABSENT

Calcium Oxalate : NIL

Amorphous phosphate : NIL

Mucus : ABSENT

Triple Phosphate : NIL

PTH (parathyroid hormone) Serum : 85.51
pg/ml

25-OH Vitamin D : 23.00 ng/ml

Calcium; total - Serum : 10.65 mg/dl

TIBC [Total Iron binding capacity] : 371.7
ug/dl

Blood smear, peripheral, inter : .

TSH [Thyroid Stimulating Hormone-Serum : 2.74
mIU/ml

MCV-Blood : 73.3 fL

MCHC-Blood : 33.8 g/dl

MPV-Blood : 8.8 fL

BASO-Blood : 0.2 %

Epithelial cells : OCCA

Granular Cast : NIL

Bacteria Urine : ABSENT

Uric acid crystals : NIL

Yeast cells : NIL

Other sediment findings : NIL

CRP (C-reactive protein) : 0.16 mg/L

Phosphorus inorganic (phosphate) Serum : 5.8
mg/dl

Ferritin -Serum : 59.17 ng/ml

Iron - Serum : 61.9 ug/dl

T4 [Thyroxine] free-Serum : 1.28 ng/dl

RBC-COUNT-Blood : 5.81 M/uL

MCH-Blood : 24.8 pg

RDW-Blood : 15.3 %

MONO -Blood : 8.1 %

X- ray wrist: Bone age normal, No e/o rickets

X ray chest- normal

Ultrasound abdomen - LIVER- Normal size(7.7cm), shape and echotexture. No focal lesion/THBRD.
GB- Partially distended. Echo free lumen. Wall thickness is normal. CBD- Not dilated. PV - Patent.
SPLEEN-Normal size(6.5cm) and echotexture. No focal lesion seen. PANCREAS- Not visualized.
KIDNEYS- Right kidney measures 6.6cm. Left kidney measures 6.3cm. Bilateral kidneys appear
echogenic with reduced corticomedullary differentiation. Multiple parenchymal micro and macro
cysts seen in both cortex and medulla. No hydronephrosis / hydronephrosis. BLADDER- Minimally
distended. Retroperitoneum not visualized.

Impression: Bilateral normal sized echogenic kidneys with parenchymal cystic changes findings
compatible with inherited cystic renal disease

Neurosonogram - Sulci and gyri are normal. Brain parenchyma shows normal echotexture. No
evidence of intracerebral/intraventricular bleed. No evidence of hydrocephalus. Corpus callosum is
well formed. No evidence of vascular malformation. No extra axial fluid collection.

Impression: Normal study.

ECG : Sinus rhythm. HR- 140 bpm. Normal Axis. Normal PR interval. No RVH/LVH.

ECHO : Situs solitus, Levocardia. AV/VA concordance. Normal function. Left arch, No
coarctation. SEQUENTIAL CHAMBER ANALYSIS : Situs And Looping : SDS. Systemic Veins:
Normal. Pulmonary Veins: Normal. Atria: Normal. Atrial Septum : Intact. AV Valves : No MR/TR.
Ventricles : Normal function. Ventricular Septum: Intact. Conotruncus incl Semilunar valves: NRGA,
No RVOTO/LVOTO No AR/PR. Branch PAs: Confluent branch PAs. Aortic Arch : Left arch, No
coarctation. PDA- Nil. Adv => Reassured/Review SOS.

Blood smear peripheral interpretation -

Normocytic Normochromic RBCs, No atypical cells or blasts. Reactive lymphocytes +

Urine culture - No significant growth.

COURSE IN THE HOSPITAL AND DISCUSSION :

1 year old child, known case of antenatally detected bilateral polycystic kidney disease and delay in
attaining milestones presented to OPD for evaluation.

At admission, he had stable vitals. He has dysmorphic features like Broad nasal root. B/L epicanthic
fold. Broad forehead. Plagiocephaly. Systemic examination was within normal limits. Initial lab