



Maternity & Children Hospital

مستشفى الولادة والأطفال ببريدة

Name	: Mazen Abdalhkim Khalid Almshikh	Clinic	: NEPHROLOGY
Gender / Age	: Male 3 Yr	Doctor	: IBTESAM ALSAUDON
Patient ID	: 265080	Invoice No	: 210338087
Passport/Nat. ID	: 1189305046	Birth Date	: 16-Sep-2018
Procedure ID	: 05005009	Procedure Name	: MEDICAL REPORT
Modified Date	: 06/10/2021 12:50:00	Invoice Date	: 05-October-2021
Referral Clinic	: NEPHROLOGY	Performing Doctor	: IBTESAM ALSAUDON

MEDICAL RECORD DEPARTMENT

Diagnosis :

3 years old boy with :
-Bilateral vesico-ureteric reflux, grade V on the right side and grade III on the left side.
-Right small kidney as sequelae

History :

Mazen is a 3 years old boy , was referred from pediatrician to nephrology clinic on date 14/9/2021 with suspicion of small kidney . His condition was diagnosed antenatally, with history of oligohydramnios. He kept under neonatologist follow up , unfortunately no medical report , or serial ultrasound .
On date 28/7 /2021, his condition readdress again during his admission in PMW , with history fever, managed as case of ? UTI , abdominal ultrasound done for him show small kidney , for that , he referred to nephrology clinic
He is asymptomatic , pass urine , no fever , no evidence of UTI
NO Family history of urologic disorder

HOSPITAL COURSE: He kept under regular follow up in nephrology clinic, workup completed as shown , was started on antibiotic prophylaxis after result of MCUG (5/10/2021)
plan to:

- refer him to pediatric urologist ,
 - to do nuclear medicine study (assess split renal function , look for evidence of renal scar)
 - monitor his renal profile ,bp , progression clinically (for UTI), Radiologically by serial us
- last seen on date 5/10/2021 , was doing fine , without active issue

Physical examination : He look well , active , euvolemic
wt 13.7 kg , HT 100 cm

Vital signs: BP 99/64

CVS: s1+S2

Chest : equal bilateral breath sound ,

Abdomen : soft and lax

Investigation CBC : WBC 4.55, Hb 12.6 , PLT 273
U/E : Creatinine 31 , BN 4.5 , other electrolytes : acceptable
blood gas : PH 7.44 , PCO2 : 28 , HCO3 : 19
Urine C/s : no growth

Radiological images :

On 29/7/2021- Initial U/S ABDOMEN :
Liver measures= 95mm.(normal size for age=85mm.), homogenous echopattern, no focal lesion or intra-hepatic biliary dilatation detected, no periportal fibrosis, smooth outer surface
-Right kidney small in size measures= 49 mm.x 26 mm.x 30 mm.(normal kidney

Maternity & Children Hospital

مستشفى الولادة والأطفال ببريدة

longitudinal measurement for age=67mm.).

•Left kidney minimally enlarged in size(compensatory hypertrophy) measures= 82 mm.x 37 mm.x 37 mm.

•Both kidneys are normal in site, normal echogenicity, no stone or focal lesion detected,

the right renal pelvis measures=5mm., the left kidney seen with minimal renal sinus fullness and left renal pelvis measures=5mm.

•The urinary bladder seen normal, no stone or focal lesion detected.

.....
US abdomen done on 30 / 9 /2021 showed :

•Liver measures= 94mm.(normal size for age=86mm.), homogenous echopattern, no focal lesion or intra-hepatic biliary dilatation detected, no periportal fibrosis, smooth outer surface. •C.B.D.= 2mm. PV= 6mm. •Gall bladder normal in size, normal wall thickness, no stone or focal lesion detected.

•Spleen normal in size measures= 58 mm., homogenous echopattern, no focal lesion detected. •Pancreas and para-aortic region seen normal, no evidence of enlarged para-aortic lymph nodes detected.

•Right kidney small in size measures= 45 mm.x 20 mm.x 20 mm.(normal kidney longitudinal measurement for age=67mm.).

•Left kidney slightly enlarged in size (compensatory hypertrophy)measures= 79 mm.x 35 mm.x 35 mm.

•Both kidneys are normal in site, normal echogenicity, no stone or focal lesion detected, no hydronephrosis.

•The urinary bladder seen normal, no stone or focal lesion detected.

•No evidence of abdominal or pelvic free fluid collection detected

On date : 30-9-2021

M.C.U.G STUDY :

Findings: •Filling and opacification of the urinary bladder with diluted non-ionic contrast medium through urethral catheter shows smooth outlining, no pathological filling defect or diverticulum formation.

•Bilateral vesico-ureteric reflux, grade V on the right side and grade III on the left side.

•Normal opacification of the urethra seen during micturation phase, no filling defect or Stenosis

.....
Medication : Bactrim 2mg /kg OD -as prophylaxis Abx

.....
This medical report was issued , upon his parent request .

Recommendations /

التوصيات

Place of Work /

مقر العمل

Occupation /

المهنة

IBTESAM ALSAUDON

Verified By

Dr. Alamin Mohammed Sabbahi

Medical Director

Mousa Al Hazazi

HOD - Medical Report

