

A Questionnaire

Ultrasound appearance of renal infection using imaging pattern recognition

1 Gender

Male	1	
Female	2	

2 Age group

1-10	1	
11-20	2	
21-30	3	
31-40	4	
41-50	5	
51-60	6	
>60	7	

3. Signs and symptoms

Flank pain	1	
Nausea & vomiting	2	
Hematuria	3	
Frequency urination	4	
Abdominal pain	5	
Urengitis	6	

4. Lab findings

RBC	1	
WBC	2	
protein	3	
creatinine	4	
urea	5	
pus	6	

5- RT Kidney

A.

length	1	
width	2	
thickness	3	
Cortical thickness	4	
Volume	5	

B. wall outline

Hazy thick	1	
Hazy thin	2	
Smooth thin	3	
Smooth thick	4	

C-RT.Renal Echogenicity

Hyperechoic	1	
Hypoechoic	2	
Isoechoic	3	

D-RT.Renal cortical Echogenicity

Hyperechoic	1	
Hypoechoic	2	
Isoechoic	3	

E-RT.Renal cortical texture

Homogenous	1	
Heterogonous	2	

F-RT. Renal P/CW echogenicity

Homogenous thin	1	
Homogenous thick	2	
Heterogonous thin	3	
Heterogonous thick	4	

G-RT. Renal findings

Mass like change	1	
Cyst	2	
Stone	3	
Scar	4	
Mass	5	
P/C fullness	6	
hydronephrosis	7	
Dromedary Hump	8	
Abscess	9	
No findings	10	

5 LT Kidney

Length	1	
Width	2	
thickness	3	
Cortical thickness	4	
Volume	5	

B.LTKID wall outline

Hazy thick	1	
Hazy thin	2	
Smooth thin	3	
Smooth thick	4	

C. LT.Renal Echogenicity

Hyperechoic	1	
Hypoechoic	2	
Isoechoic	3	3

D. LT.Renal cortical Echogenicity

Hyperechioc	1	
Hypoechoic	2	
Isoechoic	3	

E. LT.Renal cortical texture

Homogenous	1	
Heterogonous	2	

F. LT. Renal P/CW echogenicity

Homogenous thin	1	
Homogenous thick	2	
Heterogonous thin	3	
Heterogonous thick	4	

G. LT. Renal Findings

Mass like change	1	
Cyst	2	
Stone	3	
Scar	4	
Mass	5	
P/C fullness	6	
hydronephrosis	7	
Dromedary Hump	8	
Abscess	9	
No findings	10	

H. Associated findings

Result	Normal	abnormal
	0	1
Liver		
Spleen		
Pancreases		
Ascites		

I. Final diagnosis

Glomerulonephritis	1	
Pyelonephritis	2	

