

BILATERAL RENAL CALCULUS WITH RT MID AND LOWER
URETERIC CALCULI

A male 36yrs having complained of Pain in bilateral renal angle with burning micturation since 10 to 12 days

Frequency of urination at Night

Occ Fever

Nausea Since 3-4 days.

No H/O Drug Reaction

No H/O Any SX

No H/O Any major Illness

Advised :-CBC, S.CREAT,RBS,HIV,HBSAG,APTT,SGPT,BLOOD
GROUP

CBC : HB-13.0,

WBC :15100, Platelet Count : 428000,

MP-NOT SEEN, RBS-79, S.CREAT-1.41, APTT-30.0

CT IVP :-RIGHT LOWER CALYCEAL CALCULUS.

RIGHT LOWER URETERIC CALCULUS WITH MODERATE
BACK PRESSURE CHANGES.

LARGE STAG HORN CALCULUS WITH MULTIPLE
SMALL SECONDARY CALCULI ON LEFT SIDE.

Surgical Plan :- Operation :1 RT URS

At the time of procedure gush of PUS was comes
out. So only D J Stenting was done.

After 7 days pt was advised for further DTPA renal
Scan.

DTPA Renal Scan :-PUJ NON OBSTRUCTED RT KIDNEY WITH
MODERATE PARENCHYMAL DYSFUCTION
(RELATIVE FUNCTION 35%)

LEFT KIDNEY TO BE NORMALLY

FUNCTIONING AND PUJ NON-OBSTRUCTED.

RELATIVE FUNCTION : LT KIDNEY 65%,
RT KIDNEY 35%

CBC AGAIN (05/09/2014)
WBC-10900,RBC-17.1,S.CREAT;1.03

X RAY :- BILATERAL RENAL CALCULI SEEN
DJ STENT SEEN ALONG THE RT URETERIC PATH.

URINE CULTURE AND SENSITIVITY(05/09/2014)
:-NO GROWTH

CBC AGAIN (08/09/2014)
WBC-7530,

SUMMARY :-

1. RT URS WITH DJ STNETINGWAS DONE. ON 21/08/2014
2. LEFT PCNL DONE UNDER G.A.ON 06/09/2014
3. RIGHT PCNL DONE UNDER G.A. ON 13/09/2014

ON FOLLOW PT WAS HAEMODYNAMICALLY stable

IVP:-

MDCT KUB – PLAIN:-

Right kidney is normal in size (13.3 x 6.8 cm), shape and position.

A calculus of size about, 3.0 x 2.0 cm, density + 1715 HU is seen in lower polar calyx. Two small calculi (4.0 mm and 3.5 mm, density +837 HU) and a tiny concretion, are seen in upper pole calyces.

A calculus of size about, 1.0 mm, density + 1677 HU is seen in mid ureter at iliac vessel crossing with moderate proximal hydroureteronephrosis. Multiple small adjoining calculi are seen in lower ureter distal to this larger one. Duplex collecting system is seen.

Parenchymal thickness appears normal.
No evidence of perinephric collection is noted.

Left kidney is normal in size (11.6 x 6.4 cm), shape and position.

A stag horn calculus of size about, 3.1 x 1.8 cm, density + 1726 HU is seen in renal pelvis with mild calyceal fullness and multiple small secondary calculi in lower pole calyx and two tiny calculi in upper pole calyx.

No evidence of ureteric calculus. No evidence of dilated ureter.
Parenchymal thickness appears normal.
No evidence of perinephric collection is noted.

Urinary bladder is partially distended and appears unremarkable.

CONCLUSION:-

- **Right lower polar calyceal calculus.**
- **Multiple right lower and mid ureteric calculi with moderate back pressure changes.**
- **Large stag horn calculus with multiple small secondary calculi on left side.**



