RENAL TRANSPLANTS AT MTRH.

BY DR M.O.G. OWITI,
M.MED(UON).
Diabetic since July 1997, on insulin
Crf & high Bp-2004. urea=57.3, crt=1040.
Lt kid-7.27x3.62, rt kid-8.51x3.34cm, loss of cmd
Haemodialysis x2 wkly till last two wksx3.
While on treatment Bp=150/100, pulse 78/min. on
Adalat 20mg b.d, lasix 80mg od, captopril 25mg
b.d, ca-sandoz i.o.d, recormon 2000i.u x2wkly,
venofer 100 wkly, ranitidine 150 mgo.d.
investigations

- recipient
- donor
- **HbsAg**: neg
- **Hc sAg**: neg
- **H.I.V**: neg
- **CMV**: neg
- **Blood grp**: A +
- **ECHO; mod concentric LVH**, normal
  EF=48%
INVESTIGATIONS CONT

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N.C 17YRS FEMALE

- Facial puff, headache, oliguria, epigastric and bilateral pains 3/52. 03.08.2004. Post herbal use.
- Abortion – pph, 07.06.04, post abortal psychosis.
- Bp 220/110mmhg, hb = 7.6g/dl,
- Op = 600mls, ip = 1.5l.
**RX**

- Adalat 40mg b.d, captopril 25mg b.d, lasix 80mg b.d, zantac 50mg tds, ca-sandoz 1 o.d
- Recormon 2000i.u wkly, on & off. Venofer on & off. Transfused once---hb 7.9
investigation

- Urea36.9------36.4, crt 1696----1908
- Urine; granular cast, few rbcs, protein++
- After HD prior to sx - urea=14.2, crt340, ca=9.0mg/dl, po4=3.5mg/dl, lft-N, hb= 9.3g/dl
- ECHO-LVH, conc diast dysfxn. EF=81%.
- Cmv-igM-VE, igG +VE for both.
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PERI & POST OP

- Basiliximab 20mg inf pre op. then repeat on 4\textsuperscript{th} pod
- Zinacef intra op, cellcept 1.5g bd, cyclosporin 200mg bd, solumedrol .500mg stat, then taper off to 15mg in 1/12, ct for 1/12, then 10mg--
- Zantac 150mg bd, Bactrim 1 od, Asa 75mg od, acyclovir 400mg bdx 3/12, Fluconazole 100mg od
- Anti HT.
- Non underwent H/D post op, the kidneys in both functioned immediately.
For J.A, initially sugars poor control and occasional reduced urine op, but after adjusting doses of cyclo and maximise diet settled.

- Serum cyclo levels=191trough->800 peak(100-300ng/ml)
- Reduced to125mg bd
- Latest u/s report normal kidney parenchyma.
- Urea9.2mmol/l,crt 110.5,urinalysis-N-28/07/06.
Outcome cont

- For N.C, urea=6.7mmol/l, crt=92micmol/l
- Rbs=4.8mmol/l, urinalysis –N.
- Initially there was a cystic area in transplant kidney but regressed to –N on follow up.
THANK YOU