

TEMPO: reduced rate of change in TKV by 50% compared to placebo (mostly in 1st year) REPRISE: Decline in GFR slowed by 1.27ml/min/year compared to placebo Assuming effect true & sustained may delay ESRF by a few years.

Medication Logistics

Tubular Epithelial Cell

Tubular

Cell Proliferation

Growth factors

Vasopressin

- ☐ Oral tab twice daily (8-9 hours apart)
- ☐ Titrated to max tolerated dose
- Optimal dose unknown
- ☐ LFTs: monthly for 18 months then 3 monthly thereafter

Drug Interactions

☐ Diuretics, CYP3A4 inhibitors (write to GP)

Side Effects

- ☐ GFR reduced by 20% on drug (reversible)
- ☐ Polyuria, Polydipsia (8% cannot tolerate)
- ☐ Aim for 4-5L intake/day, avoid thirst
- ☐ Liver Function Deranged in 4-5%
- ☐ Gout

General Management (all patients)

- Target <=130/80 in majority
- Weight loss/avoid obesity
- Lipid lowering
- Low salt diet: 2.3-3g/dav
- Hydrate well:
 - aim urine osmolarity <300mOsm/l
- Screen for ICA in high risk patients
- ECHO if cardio signs/symptoms
- Avoid exogenous female hormones (as able)
- - Promotes growth of liver cysts
- Advise on relevant care of family members
- Consider genetic counselling pre-conception.