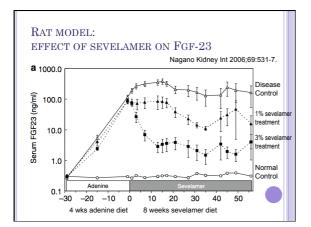
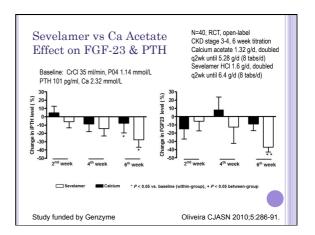
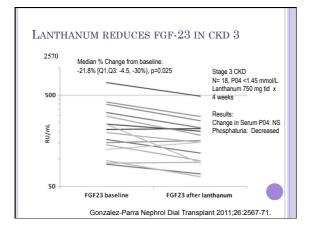


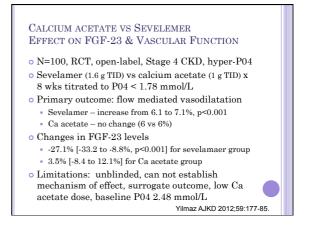
Plasma	Before	1 wk After	Before	1 wk After	P (paired t test)
levels	Meat diet	Meat diet	Vege diet	Vege diet	
P04 (mg/	3.5 +/- 0.6	3.7 +/- 0.6	3.5 +/- 0.6	3.2 +/- 0.5	0.02
dL)	(1.13 mmol/L)	(1.19 mmol/L)	(1.13 mmol/L)	(1.03 mmol/L)	
Intact PTH (pg/ ml)	58 +/- 31	46 +/- 29	58 +/- 39	56 +/- 30	0.002
FGF-23 (pg/ml)	72 +/- 39	101 +/- 83	84 +/- 65	61 +/- 35	0.008





A.R.Sood FGF-23





SUMMARY

- FGF-23 is a key regulator of phosphate homeostasis and increases early in CKD, before hyperphosphatemia is evident
- FGF-23 is associated with increased mortality and is an independent predictor of progression to ESRD, particularly in early CKD
- Further studies are needed to determine whether early strategies to reduce phosphate burden in patients with normal phosphate levels will decrease FGF-23 and impact hard clinical outcomes