

Answers: Chronic Kidney Disease

1. D Furosemide does not work in anuric patients
2. C She has impaired conversion of 25-hydroxy to 1,25 di hydroxyl Vit D. 25 hydroxylation occurs in the liver, and 1 hydroxylation occurs in the proximal tubules.
3. B In CKD stage 4-5 ultrasound usually shows small, echogenic kidneys in CKD; the echogenicity reflects interstitial collagen (but can be seen in necrosis or inflammation as well). The other options can be seen in both ARF and CKD
4. C: these are first line antihypertensives in the general population, but ACEi's or ARBs are preferred in diabetics due to their renal protective effects.
5. D : an indication to start dialysis
6. C: CKD patients cannot filter magnesium, so become hypermagnasemic with Mg containing medications