UCMC Liver Transplant Program

Vitamin D Monitoring and Supplementation in Recipients

1. PRIOR TO TRANSPLANT SURGERY
	1. Obtain serum 25-OH vitamin D level in all recipients as part of transplant admission labs
		1. The order is included in transplant admission order set
	2. Evaluate result and initiate therapy based on level by POST TRANSPLANT DAY #7
		1. 25-OH Level < 20 ng/mL; initiate Vitamin D3 50,000 IU orally once weekly
		2. 25-OH Level > 20 ng/mL initiate Vitamin D3 800 to 1000 IU per day
			1. Recommend OsCal® or generic equivalent at 1 tablet orally twice daily which will provide 1000mg Calcium and 800 IU of Vitamin D daily
			2. Combination product (calcium/vitamin D) preferred to reduce pill burden
2. POST TRANSPLANT DAY #90
	1. Obtain serum 25-OH vitamin D level in all recipients
	2. Evaluate result and continue therapy based on level
		1. 25-OH Level < 20 ng/mL; initiate/continue Vitamin D3 50,000 IU orally once weekly
			1. Provide prescription for 90 days and refer management to PCP/endocrinologist
		2. 25-OH Level 20 -29 ng/mL initiate Vitamin D3 800 to 1000 IU per day
			1. Recommend OsCal® or generic equivalent at 1 tablet orally twice daily which will provide 1000mg Calcium and 800 IU of Vitamin D daily
			2. Combination product (calcium/vitamin D) preferred to reduce pill burden
			3. Provide prescription for 90 days and refer management to PCP/endocrinologist
		3. 25-OH Level > 30 ng/mL no additional Vitamin D supplementation necessary