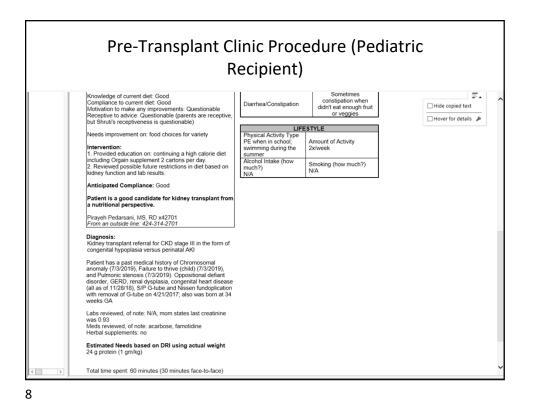
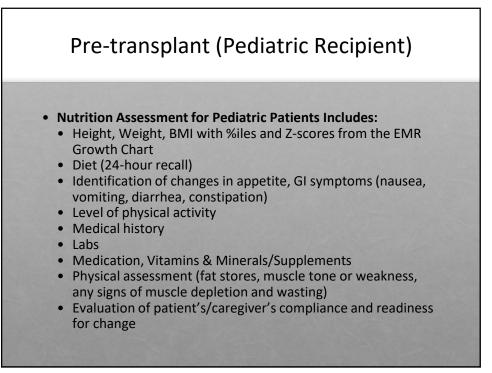
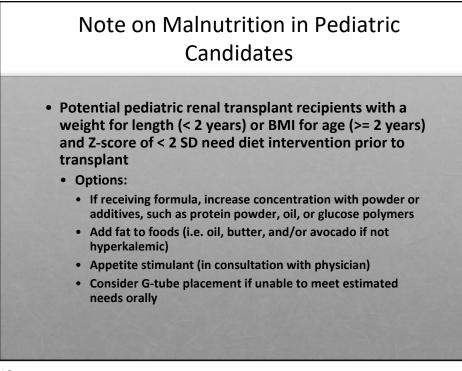


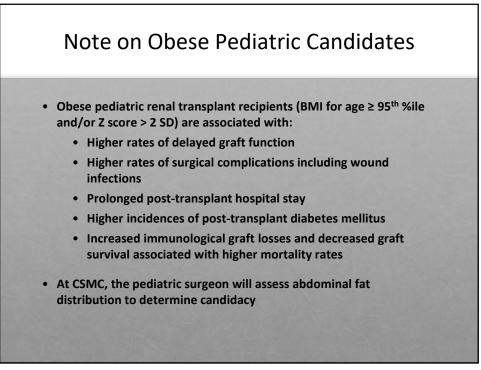
Pre-Transplan	t Clinic Proo Recipient	•	ediatric
Progress Note - CCST			
	EDARS-SINAL		Hide copied text
	al Nutrition Therapy Evaluation - Pediatric Kidney	Transplant Clinic	
Positive nutrition triggers: pediatric patient Source of information: Patient and Family Accompanied by: parents and older brother Cultural history: No issues identified Name of interpretor: N/A Assessment: 10 yo female with a low end of normal BMI for age. Shruti states that she doesn't like to try new things, but current diet history appears appropriate in meeting DRI for protein based on diet history. Previous diet education: yes - was seen initially by the RD with the peds nephrology team at CHOC Current appetite: good Diet recal:	* Growth percentiles are base Years) data. 4/30/19 129.5 cm Wt Readings from Last 3 Er 07/03/19 23.6 kg (52 lb (* Growth percentiles are base	(9 %, Z= -1.33)* kt on CDC (Girls, 2-20 icounters: 1.5 oz) (2 %, Z= -2.01)* kt on CDC (Girls, 2-20 m ² , - 5 %ile (Z= -1.63) base	zd
Pediasure to Boost Kid Essentials to Orgain Kids 2 cartons per day since 3 years ago B - WW bread with butter and 2% milk with 2 Tbsp	CONDITIONS AFFEC	TING FOOD INTAKE	
Ovaltine chocolate powder Mid-am Snack - 3 oz smoothie or 6 oz apple juice		Yes/No/Comments	
Noon Snack - Laughing Cow cheese triangle or string cheese or 1/2 small bag popcorn or Sun chips or Funyuns	Food allergies	no	
or Cheetos, 2% Horizon milk carton PM Snack - fruit or veggie and Orgain	Changes in taste	no	
D- rice or pasta or lentil crepe, yogurt, veggie or fruit	Get full easily	no	
HS - Orgain (Shruti appeared resistant to eating egg)	Difficulty swallowing	no	
Physical Appearance: Clinically thin Edema/Ascites: no	Difficulty chewing	yes, depending on the food	
Not on dialysis	Nausea/Vomiting	Nausea in am until clears throat	

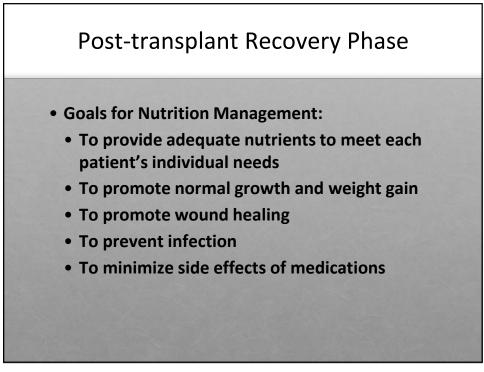






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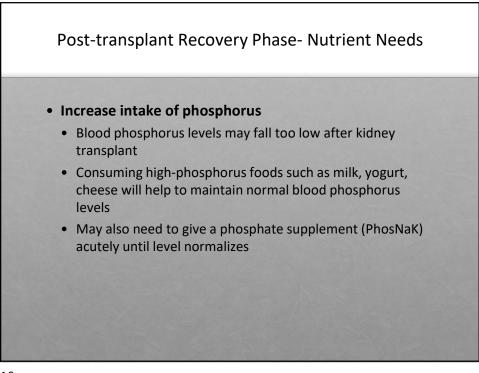
12

Needs				
Nutrient	Recommendations			
Calories	Equations to Estimate Energy Requirements for Children at Healthy Weights			
	Age Estimated Energy Requirement (EER) (kcal/d) x 1.2- 1.5 = Total Energy Expenditure + Energy Deposition 13-35 mo EER = [89 x weight (kg) - 100] + 20 3-8 y			
	Boys: EER = 88.5 - 61.9 x age (y) + Activity factor x [26.7 + weight (kg) + 903 x height (m)] + 20			
	Girls: EER = 135.3 - 30.8 x age (y) + Activity factor x [10 x weight (kg) + 934 x height (m)] + 20 9-18 v			
	Boys: EER = 88.5 - 61.9 x age (y) + Activity factor x [26.7 weight (kg) + 903 x height (m)] + 25			
	Girls: EER = 135.3 - 30.8 x age (y) + Activity factor x [10 x weight (kg) + 934 x height (m)] + 25			

	Recovery Phase- Nutrient Needs
Nutrient	Recommendations
Calories	Equations to Estimate EnergyRequirementsfor Children Ages 3 to 18 Years Who AreOverweightAgeWeight Maintenance Total EnergyExpenditure (TEE)in Overweight Children3-18 yBoys: TEE = 114 - [50.9 x age (y)] + ActivityFactor x [19.5 x weight (kg) + 1161.4 xheight (m)]Girls: TEE = 389 - [41.2 x age (y)] +Activity Factor x [15.0 x weight (kg) +701.6 x height (m)]

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Nutrient Recommendations			
Protein	DRI (Daily Recommended Intake) x 1.2 DRI 1-3 y 1.05 4-13 y 0.95 14-18 y 0.85		



16

Medications				
Medication	Possible Side Effects			
Tacrolimus	Hyperglycemia, hyperkalemia, HTN; hypomagnesemia			
Sirolimus	Hyperlipidemia; hypokalemia			
Cyclosporine	Hyperglycemia, hyperkalemia, HTN, hyperlipidemia; hypomagnesemia			
Mycophenolate mofetil	Diarrhea, nausea/vomiting, bloating, abdominal cramping			
Corticosteroids (prednisolone, solumedrol)	Hyperglycemia, hyperlipidemia, Na retention, increased appetite and weight; decreased Ca absorption			
Valgancyclovir	Hyperglycemia, increased appetite; hyper/hypokalemia, hypomagnesemia/Ca/Phos			

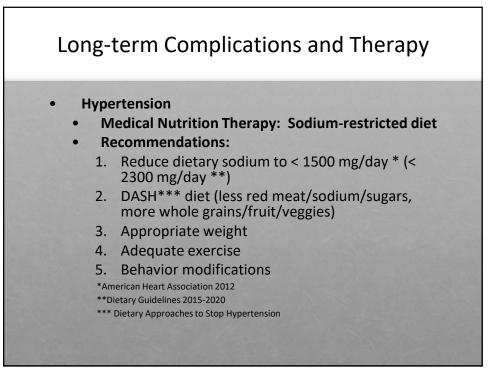


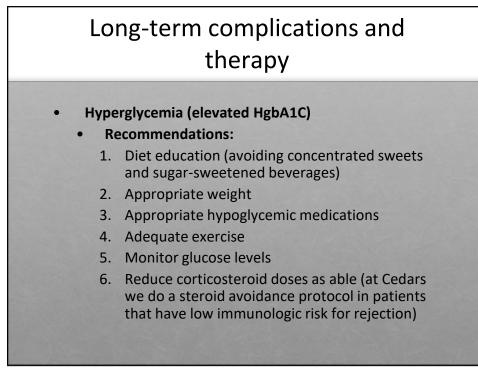
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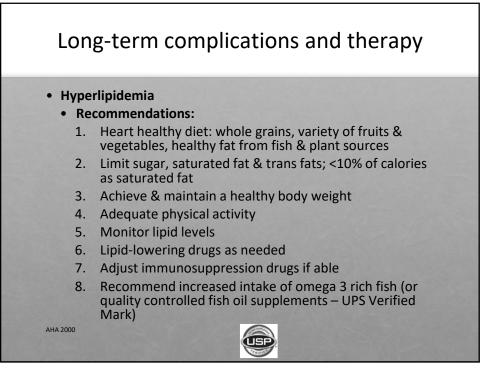
Long ⁻	Tern	n Ma		ge ed	ment - N s	lutr	ient
Check 25					and the second		onths
	Serum 25(OH)		plementation		Deficiency/Insufficiency in Children v gocalciferol (Vitamin D ₂) or Cholecalciferol	Duration	
	(ng/mL)	De	inition		(Vitamin D _a) Dosing	(mo)	
	<5	Severe vitamin D deficiency		0	00 IU/d orally or enterally \times 4 wk or 50,000 IU/wk \times 4 wk); then 4,000 IU/d r (50,000 IU twice per mo for 2 mo) \times mo	3	
	5-15	Mild vitamin	D deficiency	4,0	mo 00 IU/d orally or enterally × 12 wk or 50,000 IU every other wk, for 12 wk)	3	
	16-30	Vitamin D insufficiency ension factor for Serum 25(OH)D: ng/mL × 2			00 IU daily or (50,000 IU every 4 wk)	3	
	Table 2	Adapted with permission. ¹²¹ Table 25. Age-Specific Normal Ranges of Blood Ionized Calcium, Total Calcium and Phosphorus					
	Age	lonized Calcium (mmol/L)	Calcium (mg/dL)	Phosphorus (mg/dL)			
	0-5 mo	1.22-1.40	8.7-11.3	5.2-8.4			
	6-12 mo 1-5 y	1.20-1.40	8.7-11.0 9.4-10.8	5.0-7.8 4.5-6.5			
	1-5 y 6-12 y	1.15-1.32	9.4-10.8	4.5-6.5			
	13-20 y	1.12-1.30	8.8-10.2	2.3-4.5			A CONTRACTOR OF A CONTRACTOR O
	Conversio 0.25 = mmo	vith permission ¹²¹ ; S n factor for calcium an //_ n factor for phosph	d ionized calc				
KDOQI Nutrition in https://www.kidney	Carlos States of States of States	A LOW DOWN OF THE OWNER.	THE R. LOW CO.				

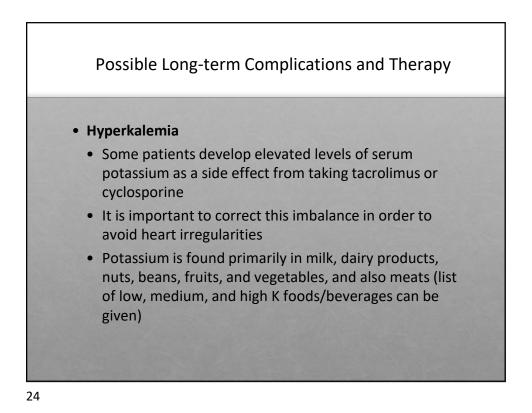


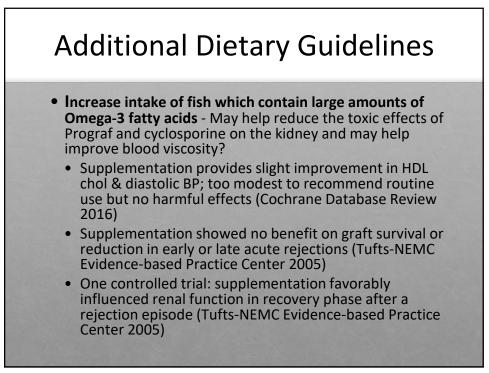
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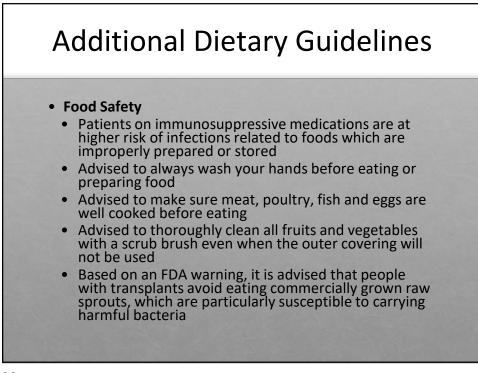


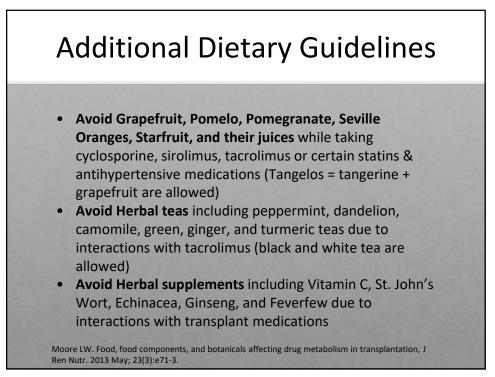


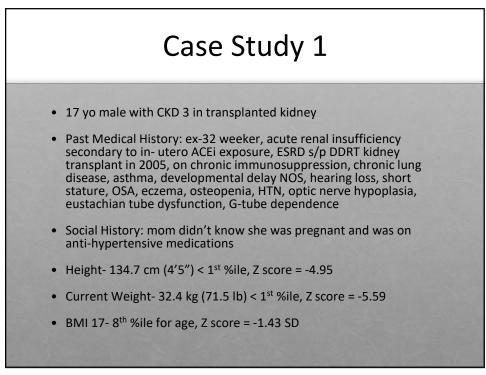




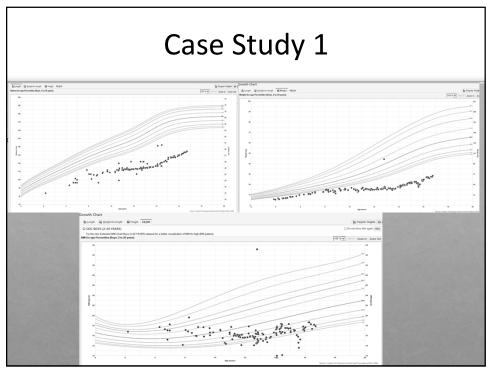


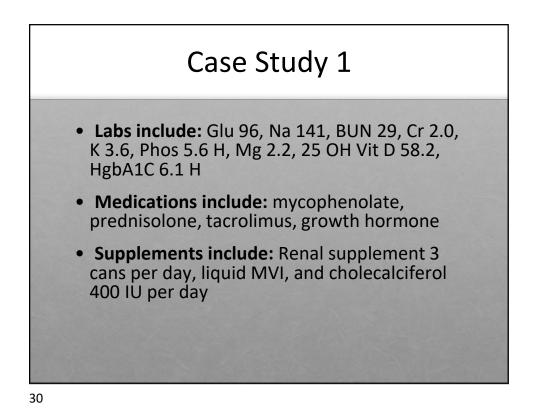


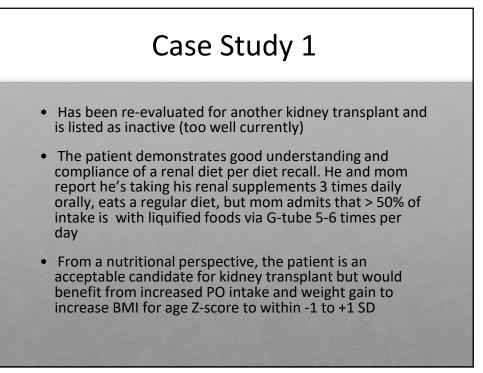


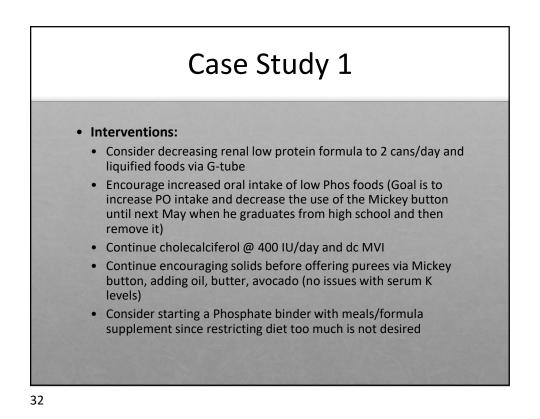


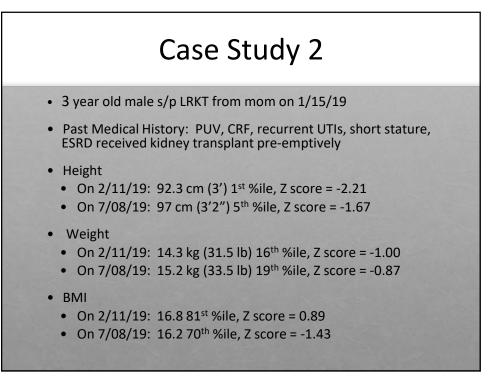


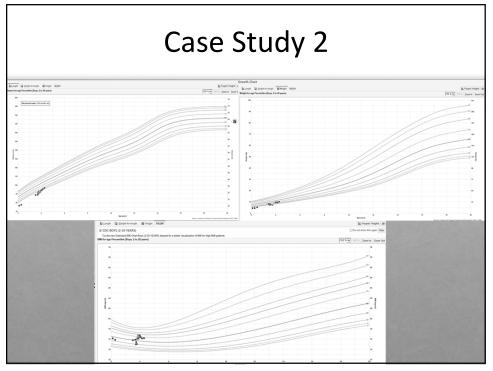




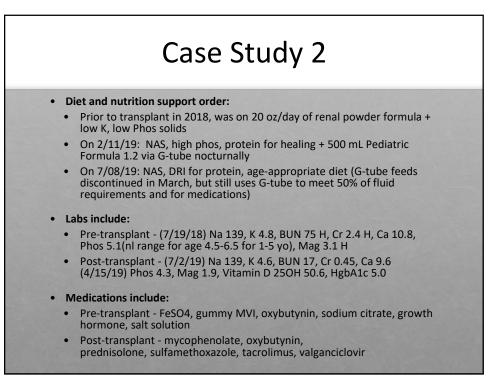


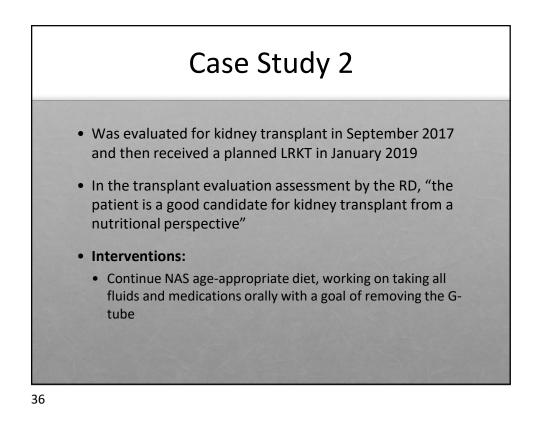


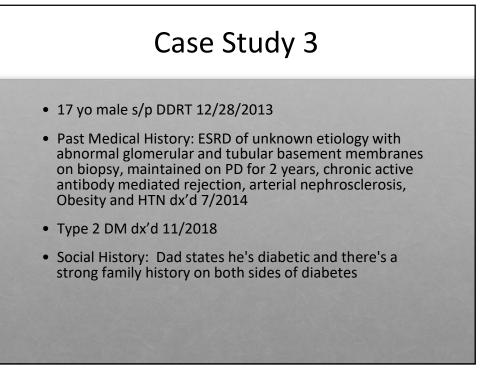


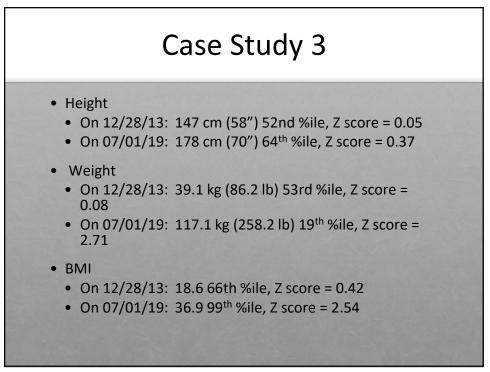


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