

**Priscilla Flowers
Mini Case Study 2
October 31, 2007**

G.R.

Pt: 63 y.o. WM. adm 10/22/07

Dx: Esophageal CA 9/2007

PMH/PSH: Type 2 DM, HTN, Hyperlipidemia, Obstructive sleep apnea, J-tube placement 10/15/07.

SH: Lives with wife. Previously worked as an advertising executive.

Meds:

Medication	Indication
Glipizide	Oral hypoglycemic, sulfonylurea
Metformin	Antihyperglycemic, biguanide
Regular SSI	Antidiabetic, hypoglycemic
Fenofibrate	Antihyperlipidemic
Ezetimide	Antihyperlipidemic, chol abs inhibitor
Valsartan Sub Irbesartan	Antihypertensive, Angiotensin II Receptor Antagonist
Dexamethasone	Corticosteroid
Ondansetron	Antiemetic
Senna-Docusate	Laxative
Aprepitant	Antiemetic
Fluorouracil IV	Antimetabolite (Chemo)
Cisplatin IV	Antineoplastic (Chemo)
Acetaminophen prn	Analgesic, antipyretic
ASA prn	Anti-inflammatory
Zolpidem Tartrate prn	Sleep aid
Aluminum Magnesium	Antacid
Simethicone prn	

Labs: Lab results are from 10/22/07. No repeat labs during hospitalization.

Lab	Result	Normal Range
Na	139	136-144 mEq/L
K+	3.8	3.5-5.0 mEq/L
Chl	107	98-107 mEq/L
Glu	96	70-109 mg/dl
BUN	14	8-23 mg/dl
Creatinine	1.2	0.4-1.2 mg/dl
Ca	10	8.4-10.2 mg/dl
Alb	4.8	3.5-5.0 gm/dl

Anthropometrics: Ht: 6'1" CBW: 180 (82 kg) UBW: 222 % UBW: 81
 IBW: 184 % IBW: 102 BMI: 24. 42 lb unintentional wt. loss since Aug.
Nutritional Requirements: Calories: 2400 kcal/day Protein: 66 gms/day

Nutrition Care:

Date	Diet	Plan
10/22/07	Soft mechanical, soup, oatmeal, jello with meals	Pt. admitted for chemo and XRT for esophageal cancer. Meal consumption 75%.
10/23/07	Soft foods only, pureed meats-soup with meals. Jevity 1.2 start @ 30 cc/hr, increase by 10 cc/hr q 6 ^o as tolerated. Goal rate is 60 cc/hr.	Nutrition consult due to dysphagia since July, poor po intake and 42 lb wt. loss since Aug. c/o difficulty swallowing meat. Diet modified to pureed meats. Encouraged patient to use alternate menu. Meal consumption 50%. Pt states did not use J-tube for fdgs PTA. Tube fdg order written. Cal. 864, Pro 40 gm. d/c planner to arrange for home enteral nutrition.
10/24/07	Full liquids- pudding, custard, cereal. Jevity 1.2 tube feeding.	Started Chemo tx. Some epigastric pain last night- thinks due to difficulty swallowing meds. Didn't like pureed meat. Diet modified to full liquids. Meal consumption 100%. Tolerating Jevity at 50 cc/hr. Cal. 1440, Pro. 67 gm. Denies nausea or diarrhea. Learning to administer tube fdg. Discussed with pt. options for home feeding- intermittent during day or continuous during night. Pt prefers to try night fdg. Will do trial overnight run on Thurs pm. Anticipate Friday d/c. Pt. requesting written information on tube feeding.
10/25/07	Continue po diet as well. Full liquids- pudding, custard, cereal. Jevity 1.2 tube feeding.	+ discomfort last pm from GERD. Meal consumption 50%. Tolerating Jevity at 60 cc/hr. Anticipate Sat d/c. Equipment for tube fdg will be delivered to his home on Fri. tube fdg stopped at 3 pm for trial overnight run from 7 pm to 7 am. Cal. 1200, Pro. 55 gm. Obtained written instructions on home tube fdg. from Oley Foundation.
10/26/07	Continue po diet as well. Full liquids- pudding, custard, cereal. Jevity 1.2 tube feeding.	Heartburn last pm relieved with meds. Meal consumption 50%. Tolerated trial overnight fdg. Instructed on home tube feeding of 1.5 cal formula, 5-6 cans/night. Provided written materials. Pt anticipates d/c tonight or in am.

References:

1. Mahan LK., Escott-Stump S. 2000. Krause's Food, Nutrition & Diet Therapy. W.B. Saunders Co.: New York.
2. Nelms M, Sucher K, Long S. 2007. Nutrition Therapy and Pathophysiology. Thomson Higher Education. CA.
3. Tube Feeding: A Step-by-Step Guide. The Oley Foundation. <http://www.oley.org>.