

NOTE DATED: 01/11/2012 08:49  
 LOCAL TITLE: MEDICAL NUTRITION THERAPY ASSESSMENT (BP) 90176  
 STANDARD TITLE: NUTRITION TREATMENT PLAN NOTE  
 ADMITTED: 01/08/2012 10:48 SCU 5W  
 MEDICAL NUTRITION THERAPY/NUTRITION ASSESSMENT (BP)

S: Pt intubated; G-tube placed. Per RN, does not anticipate pt to be extubated any time soon.

O: DX: peritonitis, anastomic leak, bowel obstruction  
 PMHX: s/p subtotal colectomy(12/30/11) for large bowel obstruction, s/p pacemaker placement for sick sinus syndrome c aflutter, HTN, cataracts/glaucoma, hard of hearing, colon CA.

AGE: 89 SEX: MALE  
 HT: 64 in Wt trend: 198.8 lb (1/6), 202 lb (1/3), 186.9 lb (12/30), 177.8 lb (9/8), 181.9 lb (7/21)  
 BMI: 34.2 %IBW: 155% IBW: 130 lb  
 I/O: 2550/890 EDEMA: 2-3+ pitting edema TEMP: 98 F  
 ABD: Soft, BS+ EM:0 since admission  
 SKIN INTEGRITY: ML abd vac drsg placed 1/8  
 DIET: Nepro @ 20 ml/hr w/ 25 ml/hr water (do not increase w/o MD)  
 [provides: 864 kcals, 39 gm protein, 950 ml water]  
 ESTIMATED KCAL NEEDS: 1900-2400 PROTEIN NEEDS: 75-95 gm  
 (CrCL= 30.7 ml/min)

LABS:

GLUCOSE	1/11/12 04:42	125 H
	1/10/12 06:00	110 H
	1/9/12 18:42	120 H
HGB A1C	F-HEMOGLOBIN A1C - NONE FOUND	
UREA NITROGEN	1/11/12 04:42	68 H
	1/10/12 06:00	74 H
	1/9/12 18:42	74 H
CREATININE	1/11/12 04:42	3.1 H
	1/10/12 06:00	3.4 H
	1/9/12 18:42	3.3 H
SODIUM	1/11/12 04:42	139
	1/10/12 06:00	138
	1/9/12 18:42	138
POTASSIUM	1/11/12 04:42	3.0 L
	1/10/12 06:00	3.7
	1/9/12 18:42	4.0
PO4	1/11/12 04:42	4.1
	1/10/12 06:00	4.0
	1/5/12 06:00	2.6
MAGNESIUM	1/11/12 04:42	2.8 H
	1/10/12 06:00	3.1 H
	1/5/12 06:00	1.9
CALCIUM	1/11/12 04:42	8.0 L
	1/8/12 09:30	9.4
	1/5/12 06:00	9.0
ALBUMIN	1/11/12 04:42	1.6 L
	1/10/12 06:00	1.5 L
	1/9/12 10:15	1.6 L
TRANSTHYRETIN	1/10/12 06:00	3.8 L
	1/3/12 06:00	8.2 L
	12/31/11 10:00	6.6 L

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CHOLESTEROL

5/18/11 11:55 182

CBC Coll. date	F-GRAN	%F-WBC	F-RED	BLF-HGB	F-HCT	F-MCV	F-MCH
1/11/12 04:42		6.8	2.90 L	9.9 L	28.4 L	98.0 H	34.1 H
1/10/12 06:00		5.6	3.32 L	11.2 L	32.4 L	97.7 H	33.7 H
1/9/12 10:15		4.2	3.37 L	11.3 L	33.1 L	98.0 H	33.5 H

CBC Coll. date	F-MCHC	F-PLT	F-RDW	F-LYMPH	F-MONO	%F-SEGS	F-LYMPHS
1/11/12 04:42	34.7	115 L	15.7 H				
1/10/12 06:00	34.5	131 L	15.8 H				
1/9/12 10:15	34.2	146 L	15.7 H				

PERTINENT MEDS: KCL, morphine, heparin, fruit juice, insulin, hydrochlorothiazide, warfarin, magnesium citrate, cyanocobalamin

NUTRITION STATUS: MODERATE

Nutrition Dx:

1) Inadequate protein-energy intake R/T intubation AEB need for NPO status and G-tube placement.

A: Pt's weight is more than adequate for height as indicated by BMI >34. Pt is currently NPO 2o intubation, NG tube dc'd this AM, pt has G-tube in place. Recent TF order of Nepro, however, does not appear appropriate for pt 2o kidney function labs improving. Nepro is intended for pt's w/ renal failure requiring HD and increased protein requirements. In addition, pt's K+ low and PO4 normal, values likely will decrease with Nepro formula, therefore, need for renal formula not indicated at this time. Too early to assess TF tolerance. No plans for extubation or po diet at this time.

Labs: Glucose high 2o stress, BUN and creat elevated but appear to be improving, K+ low 2o limited intake. H/H low and MCV/MCH high indicating possible anemia; anemia screening warranted. Albumin and PAB severely low indicating severe visceral protein depletion.

POTENTIAL FOOD-DRUG INTERACTION: Need consistent intake of Vit K with coumadin, morphine may slow GI motility.

DIET ED: Past diet ed on low vit K foods (9/08). Further education not indicated at this time.

GOALS: Tolorate TF well with ultimate goal to initiate po diet, euglycemia, albumin > 3.4, PAB >15, maintain weight.

- P: 1) Recommend TF of Jevity 1.5 to goal of 60 ml/hr w/ 25 ml/hr water [provides: 2160 kcal, 92 gm protein, 1694 ml water]. Start TF @ 20 ml/hr and increase by 10 ml/hr q 6 hours until TF @ goal rate of 60 ml/hr.
- 2) Monitor TF tolerance & modify TF as warranted.
  - 3) Monitor renal lab values.
  - 4) Check PAB; repeat in 3-5 days.
  - 5) Recommend ordering anemia screening.
  - 6) F/U nutrition/NPO status every 3 days OR weekly once TF initiated.

Signed by: /es/ KRISTEN M CULVER  
dietetic intern  
01/11/2012 13:00  
\*\*REQUIRES COSIGNATURE\*\*

NOTE DATED: 01/05/2012 11:25  
 LOCAL TITLE: MEDICAL NUTRITION THERAPY ASSESSMENT (BP) 90176  
 STANDARD TITLE: NUTRITION TREATMENT PLAN NOTE  
 ADMITTED: 01/03/2012 12:23 SCU 5W  
 MEDICAL NUTRITION THERAPY/NUTRITION ASSESSMENT (BP)

S: Not available, patient non verbal. Spoke with nurse, anticipates pt will be cleared for po with SLP.

O: DX: AMS, stage 4 CKD  
 PMHx: anemia, prostate and colon CA, HTN, hyperglycemia  
 AGE: 92 SEX: MALE  
 HT: 65 in WT: 133.6 lb (12/28), 137.8 lb (10/28), 141.4 lb (8/2),  
 142 lb (3/15)  
 BMI: 22.3 IBW: 136 lb %IBW: 100%  
 I/O: 921.7/500 EDEMA: none TEMP: 98.1 F  
 BM: x2 liq (1/5) ABD: firm, flat, +BS  
 SKIN INTEGRITY: intact  
 DIET: NPO INTAKE: 0  
 ESTIMATED KCAL NEEDS: 1600-1800 kcals  
 PROTEIN NEEDS: 30-40 gm protein (based on creat clear est). If pt begins dialysis, rec 60-72 gm prot.

LABS:

GLUCOSE		1/5/12 06:00	114 H
		1/4/12 19:00	114 H
		1/4/12 06:00	99
HGB A1C	F-HEMOGLOBIN A1C	11/16/11 10:03	5.8
		8/2/11 10:42	5.8
		12/28/10 10:59	5.7
UREA NITROGEN		1/5/12 06:00	128 H
		1/4/12 19:00	139 H
		1/4/12 06:00	143 H
CREATININE		1/5/12 06:00	5.6 H
		1/4/12 19:00	6.0 H
		1/4/12 06:00	5.7 H
SODIUM		1/5/12 06:00	148 H
		1/4/12 19:00	144
		1/4/12 06:00	137
POTASSIUM		1/5/12 06:00	4.0
		1/4/12 19:00	3.5
		1/4/12 06:00	3.0 L
PO4		1/5/12 06:00	7.6 H*
		1/4/12 06:00	8.4 H*
		12/20/11 10:51	3.5
MAGNESIUM		1/5/12 06:00	2.2
		1/4/12 19:00	2.4
		1/4/12 06:00	1.9
CALCIUM		1/5/12 06:00	8.8
		1/4/12 06:00	8.3 L
		12/20/11 10:51	9.0
ALBUMIN		1/5/12 06:00	3.4 L
		1/4/12 06:00	3.7
		1/3/12 09:20	4.3
TRANSSTHYRETIN - NONE FOUND			
CHOLESTEROL		11/16/11 10:04	176
		9/28/10 11:27	188

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 MEDICAL RECORD

Progress Notes  
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AMMONIA	1/3/12	193 H					
CBC Coll. date	F-GRAN	%F-WBC	F-RED	BLF-HGB	F-HCT	F-MCV	F-MCH
1/5/12 06:00		3.9 L	2.93 L	8.8 L	26.9 L	91.8	30.0
1/4/12 06:00		3.9 L	3.16 L	9.4 L	28.6 L	90.5	29.8
1/3/12 09:20		4.2	3.45 L	10.6 L	31.0 L	89.9	30.7
CBC Coll. date	F-MCHC	F-PLT	F-RDW	F-LYMPH	F-MONO	%F-SEGS	F-LYMPHS
1/5/12 06:00	32.7	75 L	20.3 H			68.5 H	14.1 L
1/4/12 06:00	32.9	83 L	19.6 H			72.3 H	13.6 L
1/3/12 09:20	34.1	104 L	20.0 H			68.9 H	18.6 L

PERTINENT MEDS: pantoprazole, amlodipine, K+ supp, docusate, lactulose, metoprolol, hydralazine, ferrous sulfate, eptoin, insulin  
 NUTRITION STATUS: MODERATE

Nutrition Dx:

1. Inadequate protein-energy intake R/T poss aspiration risk 2o AMS (awaiting swallow eval) AEB NPO status.
2. Altered nutrition related lab values R/T renal insufficiency and/or hydration status AEB elevated BUN, creat, Na, and PO4.

A: Pt's weight is adequate for height as indicated by BMI; appears to be stable. Pt is currently NPO with NG tube placed. Pt awaiting swallow eval; TF appears appropriate route given pt was eating reg diet PTA w/ + BM. Currently receiving fluid of NS @ 100 ml/hr. Pt awaiting eval for possible dialysis.

Labs: Ammonia elevated 2o liver impairment, glucose high 2o stress, no hx of DM noted. BUN, Creat, Na, and PO4 elevated 2o renal insufficiency, K previously low 2o limited intake; improved 2o K+ supp, albumin mildly low; appears to be declining 2o hydration status, PAB better indicator of current protein status.

POTENTIAL FOOD-DRUG INTERACTION: none.

DIET ED: none indicated at this time.

GOALS: good TF tolerance, maintain weight, improve renal lab values, maintain visceral protein status with albumin >3.5 and PAB > 30, retard progression of RF/uremic symptoms, normalize ammonia levels.

- P: 1) If cleared for po by SLP, provide diet as indicated per SLP. Advance diet as tolerated to renal diet with appropriate texture modification.
- 2) If not cleared for po, rec TF of Suplena @ 40 ml/hr w/ 25 ml/hr water [provides: 1728 kcal, 43 gm protein, 1310 ml water]. If extra free water is not of concern, additional flush of 100 ml water q 6 hours. Start TF @ 10 ml/hr and increase by 10 ml/hr q 6 hrs until @ goal to provide total of 1710 ml water.  
 \*If pt begins dialysis, recommend TF of Nepro to goal of 40 ml/hr. [provides 77 gm protein]
- 3) Monitor diet tolerance.
  - 4) Monitor wt trend.
  - 5) Recommend check PAB for current protein status.
  - 6) Monitor renal lab values and ammonia level.
  - 7) Monitor pt's nutritional status with f/u documentation every 3 days/prn; document weekly when progressed beyond clears or if TF initiated.

NOTE DATED: 01/13/2012 09:54  
 LOCAL TITLE: MEDICAL NUTRITION THERAPY ASSESSMENT (BP) 90176  
 STANDARD TITLE: NUTRITION TREATMENT PLAN NOTE  
 ADMITTED: 01/11/2012 02:34 SCU 5W  
 MEDICAL NUTRITION THERAPY/NUTRITION ASSESSMENT (BP)

S: Spoke with pt, appears comfortable in bed. Pt was alert and responsive. Says he feels weak and his mouth is very dry. Pt able to seek well with no c/o chewing or swallowing difficulty PTA. Anticipate po diet when medically appropriate.

O: DX: pancreatitis, anion gap, metabolic acidosis, hypokalemia  
 PMHX: HTN, ETOH abuse, LBO  
 AGE: 52 SEX: MALE  
 HT: 70" WT: 183 lb (1/13), 182 lb (1/12), 178 lb (1/11)  
 IBW: 166 lb %IBW: 110 %  
 BMI: 26 I/O: 5100/2915 EDEMA: none TEMP: 97.8 F  
 ABD: Soft, obese, hyperactive BS BM: x2 lg, watery (1/13), x1 med watery (1/12)

SKIN INTEGRITY: intact

DIET: NPO x 2 days.

ESTIMATED KCAL NEEDS: 2050-2200

PROTEIN NEEDS: 80- 95 gm protein

LABS:

GLUCOSE	1/13/12 05:19	97
	1/12/12 19:00	97
	1/12/12 05:29	85
HGB A1C	F-HEMOGLOBIN A1C - NONE FOUND	
UREA NITROGEN	1/13/12 05:19	4 L
	1/12/12 19:00	4 L
	1/12/12 05:29	5 L
CREATININE	1/13/12 05:19	0.6
	1/12/12 19:00	0.7
	1/12/12 05:29	0.6
SODIUM	1/13/12 05:19	143
	1/12/12 19:00	141
	1/12/12 05:29	140
POTASSIUM	1/13/12 05:19	3.3 L
	1/12/12 19:00	2.7 L*
	1/12/12 05:29	2.7 L*
PO4	1/13/12 05:19	1.2 L*
	1/12/12 19:00	1.7 L
	1/12/12 05:29	2.2
MAGNESIUM	1/13/12 05:19	1.8
	1/12/12 19:00	2.0
	1/12/12 05:29	1.9
CALCIUM	1/11/12 02:51	8.2 L
ALBUMIN	1/11/12 20:30	2.7 L
	1/11/12 10:47	2.7 L
	1/11/12 00:18	3.9
TRANSTHYRETIN	- NONE FOUND	
CHOLESTEROL	- NONE FOUND	
Lipase	- 1063 H (1/11)	

CBC Coll. date	F-GRAN	%F-WBC	F-RED	BLF-HGB	F-HCT	F-MCV	F-MCH
1/13/12 06:00		10.4	2.89 L	10.1 L	29.0 L	100.4 H	35.1 H
1/12/12 06:00		11.8 H	3.02 L	10.7 L	30.1 L	99.7 H	35.4 H

