**1- What is the main cause of B vitamins deficiency in severe hepatic failure:**

1. Chronic Bleeding.
2. Diarrhea.
3. Diuretics.
4. Alcoholism.
5. Ascites.

**2- To promote positive nitrogen balance in patients with stable liver cirrhosis, protein requirements should be at least:**

1. 0.8 – 1 g/kg.
2. 1 – 1.5 g/kg
3. 1.2 – 1.3 g/kg
4. 0.6 – 0.8 g/kg
5. More than 1.3 g/kg

**3- What is the best MNT for patients with dysgeusia:**

1. High fiber diet
2. Frequent smaller meals
3. Adequate fluid intake
4. High protein diet
5. Moderate CHO diet

**4- What is the caloric content of the dialysate used in peritoneal dialysis:**

1. 200 – 300 Kcal
2. 700 – 1000 Kcal
3. 600 – 900 Kcal
4. 400 – 800 Kcal
5. 500 – 700 Kcal

**5- Among the main goals of MNT for ESRD patients is**:

1. Work with patient to achieve goal weight.
2. Educate patient on high iron diet.
3. Discuss with patient importance of physical activity.
4. Refer patient to renal rehabilitation program.
5. Control edema and electrolytes imbalance.

Case II:

40 y/o male admitted for Hemodialysis a week ago. This patient is K/c of DM, HTN, and CRF 1 year ago. Pt dietary habits include three main meals, lots of rice and pastas, his intake of fruits and vegetables is limited, he loves to drink tea and coffee frequently and he also likes salty snacks and chocolate.

Age: 40 years sex: male

Ht: 170 cm Wt: 95 kg

UBW (3 months ago) = 92kg

***Latest lab results:***

Urea: 50.1mg/dl very high.

Creatinine: 689 g/l very high.

HGB: 10.6 low

Sodium: 150 mEq/l High

***Drugs:***

- Lasix 80mg BID.

- Erythropoietin recombinant 4000 unit 3x week.

- Ferrous fumarate 200 mg PO BID.

- Folic acid 5 mg PO OD.

- CaCo3 600 mg PO BID.

**Requirements:**

1. Write a SOAP note according to the method of your textbook.
2. What do you propose for the diet order?