

Adult/Geriatric Critical Thinking Worksheet

Student Name: Meredith Edwards

Unit: S8

Pt. Initials:

Date: 5/17/2022

1. Disease Process & Brief Pathophysiology

Hyperosmolar Hyperglycemia State is a rare but serious complication of Type 2 DM, with a overall high mortality rate. It often occurs in patients who are elderly and with comorbidities of heart disease or infection. In HHS there is a degree of insulin deficiency and an elevation of glucose level with a degree of fluid deficiency. There is also increased gluconeogenesis and glycogenolysis, inadequate use of glucose and a lack of ketosis. The proinflammatory mediators promote insulin resistance and hyperglycemia. The amount of insulin is less than what is required to break down fat and have effective glucose transport.

4. Diagnostic Tests pertinent or confirming of diagnosis

- Blood glucose monitoring *P*
- Urine Analysis *P*
- Computerized Tomography *P*
- Magnetic Resonance Imaging *P*
- Ultrasound *P*
- Blood tests *P*

2. Factors for the Development of the Disease/Acute Illness

Non-modifiable:

- Age *P*
- Ethnicity *P*

Modifiable:

- Infection- UTI
- Hyperglycemia *P*
- Improper nutrition *P*

5. Lab Values that may be affected

- Serum Glucose *P*
- WBC *P*
- AST/ALT *P*
- RBC *P*
- H&H *P*
- Phosphate *P

3. Signs and Symptoms

- High blood sugar level *P*
- Confusion, hallucinations
- Blurred Vision
- Frequent Urination
- Fever
- Extreme thirst
- Weakness, fatigue *P*
- Loss of appetite and weight loss

6. Current Treatment

- Fluid and Electrolyte replacement
- Administration of Insulin *P*
- Dietary restrictions and alterations *P*
- Pain Medication *P*
- Potassium replacement
- Sodium phosphate replacement

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7. Focused Nursing Diagnosis:

Deficient Knowledge

8. Related to (r/t):

Deficient knowledge related to insufficient information and knowledge of resources for his recent diagnosis of pancreatic cancer with metastasis to the liver.

9. As evidenced by (aeb):

Pt. reported that he was unsure what his diagnosis of Pancreatic Cancer with metastasis to the liver meant. He asked several questions about treatment and if he should choose to be treated. Pt. verbalized that he has not heard of a plan for treatment or his options since his diagnosis. Pt. stated "will I just take pills, I wonder what will happen?"

11. Nursing Interventions related to the Nursing Diagnosis in #7:

1 .Observe and note existing misconceptions and misunderstandings of the patient.

Evidenced Based Practice:

This observation and assessment will provide an important starting point in educating the patient. Knowledge serves to correct faulted concepts.

2. Consider and identify the patient's learning style.

Evidenced Based Practice:

Individual learning styles must be factored in to a patient's educational plan. Matching the learner's preferred style with educational methods will facilitate greater success and understanding.

3. Provide an atmosphere of respect, openness, trust and collaboration.

Evidenced Based Practice:

12. Patient Teaching:

1. Teach pt. about the use of a blood glucose monitoring system.

2. Teach pt. to self administer medications as prescribed.

3. Teach the pt. about the importance of dietary changes and a balance of fats, carbs and proteins.

13. Discharge Planning/Community Resources:

1. Provide pamphlets for the patient about his new diagnosis and treatments for cancer.

2. Refer patient to dietary/nutritional services to help educate patient on balancing to his macronutrients .

3. Provide pt. with a list of counselors and therapy groups to help his ability to cope with his newly diagnosed cancer.

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10. Desired patient outcome:

Pt. will be able to identify 2 resources to aid his understanding of his treatments by 5/18/22 at 13:30.

Conveying respect is very important when you are educating or providing information to a patient with different values and beliefs about health and medications.