



FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF RUHUNA

Department of Nursing

3rd End Semester Examination – 2023 – 2019/2020- (13th) Batch

NUR 2123 – Medical Nursing I – SEQ

Date: 3rd March 2023

Time: 11.15 a.m.- 12.45 p.m.

Duration: 1 $\frac{1}{2}$ hours

Index Number:

Answer all questions. Use the given space for the answers.

1

1.1 A 45-year-old male patient was admitted to the medical ward due to nausea, vomiting, pruritus, and ankle oedema for three days. When considering the medical history of this patient, he is taking treatment for diabetes mellitus and hypertension for 8 years. During the initial management of this patient, several investigations have been performed and according to the specific findings of these investigation reports, patient is diagnosed with chronic kidney disease (CKD). (70 marks)

a. List main four (04) investigations that can be performed to confirm this diagnosis.

(10 marks)

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b. What is the most appropriate parameter which will support to decide the stage of CKD? (05 marks)

c. Mention three (03) major consequences of chronic renal failure. (15 marks)

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d. Mention three (03) nursing diagnoses relevant to current condition of the patient.

(10 marks)

- e. Write three (03) nursing interventions for two diagnoses mentioned in above question (d). (15 marks)

- f. Briefly describe the instructions that should be given to this patient regarding the collection of a 24-hour urine sample. (15 marks)

1. 2 During the discharge plan, this patient has been informed to attend the medical clinic for follow-up care. You are the health education nursing officer of this clinic. Outline the main aspects of a health teaching session for patients with chronic kidney disease. (30 marks)

2.

2.1 Nurse is allocated to admit a male patient who is transferred from a base hospital. During the admission, patient complains about gum bleeding, hematuria, and mild chest pain. But no ECG changes. He is on Warfarin Sodium 7.5 mg according to the records. (70 marks)

a. State one (01) possible disease condition to keep a patient on Warfarin? (05 marks)

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b. State three (03) Nursing diagnoses. (15 marks)

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c. Briefly describe three (03) immediate nursing interventions that are useful for this patient. (15 marks)

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d. What is the most important investigation. (10 marks)

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e. Briefly describe five (05) important health education tips during the discharge.

(25 marks)

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1.2 Mr. X was admitted to the Cardiology ward due to the chronic heart failure. Although he is on Digoxin therapy, he has not taken ordered drugs according to instructions.

(30 marks)

- a. What are the most important nursing assessments when patient is on Digoxin?
Mention five (05) assessments.

(15 marks)

- b. Mention three (03) other possible clinical features of this patient. (15 marks)



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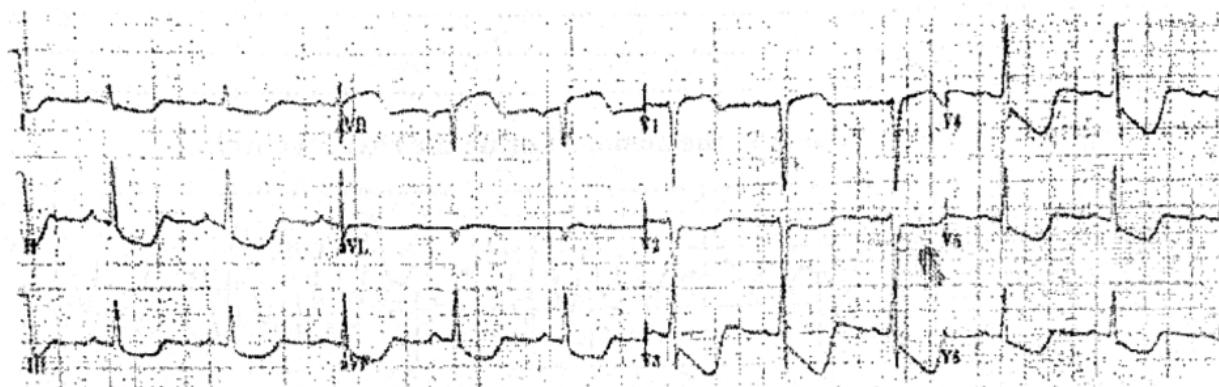
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3.

A 60-year-old patient is admitted with central chest pain. His ECG is shown below. Acute coronary syndrome is suspected.



3.1 Mention two (02) ECG changes that you observe? (04 marks)

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3.2 Which types of acute coronary syndrome would show above changes? (06 marks)

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3.3 Which blood test can differentiate them (your answers in 3.2)? (05 marks)

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3.4 State five (05) important steps in this patient's ward management. (15 marks)

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Answer to Ques 3.5

While in the ward the patient suddenly becomes unresponsive.

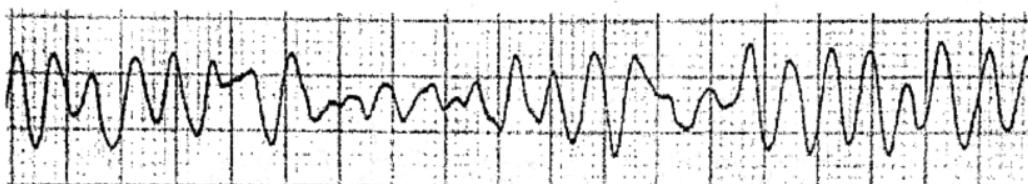
3.5 How do you find whether it is a cardiac arrest? (10 marks)

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3.6 If it is a cardiac arrest, list two (02) important facts to follow when providing cardiac compression to this patient. (10 marks)

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The following ECG changes are seen in the monitor during the rhythm check.



3.7 What is the ECG diagnosis? (10 marks)

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3.8 Considering the above ECG rhythm, mention your next most important step in CPR. (10 marks)

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3.9 State five (05) reversible causes of cardiac arrest. (20 marks)

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3.10 Mention two (02) intravenous medications that should be kept ready in the resuscitation trolley of this patient. (10 marks)

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