OBJECTIVES

Upon completion of this unit, the student will be able to:

1. Define and discuss the term “cancer” and its etiology.
2. Summarize the process of carcinogenesis.
3. Discuss how tumors are named, classified, graded, and staged.
4. Define metastasis and explain its pathophysiology.
5. Define and discuss the characteristics of benign and malignant tumors.
6. List the ACS seven general warning signs of cancer, the ABCDEs of skin cancer, and other s/s of cancer as identified by the American Cancer Society.
7. Discuss and list the causes of cancer, risk factors, and behaviors/lifestyle factors to minimize its incidence.
8. Discuss cancer prevention and detection, and the importance of patient teaching and screening.
9. List and discuss ways in which cancer is diagnosed.

PLAN OF LESSON

I. Cancer (CA)
   A. Definition and Etiology
   B. Carcinogenesis
   C. General Description and Characteristics
   D. Tumor Classification
      1. Embryonal Tissues
      2. Classification by Origin
      3. Grading
      4. Staging: TNM System
         a. Tumor
         b. Node
         c. Metastasis
   E. Metastasis
      1. Primary Site(s)
      2. Secondary Site(s)
   F. Malignant and Benign Tumors
II. Warning Signs
   A. CAUTION
   B. ABCDEs
   C. Others – s/s Breast, Prostate, Lung, and Skin Cancers
III. Risk Factors and Screening
IV. Prevention
   A. Primary
   B. Secondary
   C. Tertiary
   D. Healthy People 2020

V. Diagnosis
   A. Laboratory Studies
   B. X-Ray/Imaging Studies
   C. Thermography
   D. Radioisotopes
   E. Cytology
   F. Biopsy
   G. Endoscopy
   H. Ultrasound
   I. Others
OBJECTIVES

Upon completion of this unit, the student will be able to:

1. List the three basic methods of treatment of cancer.
2. Discuss surgery in the treatment of cancer.
3. Discuss radiotherapy in the treatment of cancer.
4. List the two types of radiotherapy (XRT & IRT).
5. Discuss side effects of XRT, including radiation reactions.
6. Describe the nursing management of the patient receiving XRT, including the importance of hydration, nutrition, and skin care.
7. Describe safety principles related to internal radiation therapy.
8. Discuss side effects and nursing management of the patient receiving IRT.
10. Describe the classifications of antineoplastic drugs.
11. Define and discuss administration of antineoplastic agents, including the importance of clinical trials.
12. List and discuss potential side/adverse effects of antineoplastic drugs.
13. Discuss the nursing management of the patient receiving chemotherapy, including safety measures.
15. Discuss benefits of bone marrow transplantation and other supportive therapies in cancer treatment.
16. Discuss potential complications and emergencies that may occur as a result of CA or CA treatment.
17. Discuss the various causes and methods of cancer pain management.
18. List supportive, oncology-related organizations.

PLAN OF LESSON

I. Treatment
A. Surgery
   1. Pre-Op Care
   2. Post-Op Care
B. Radiotherapy
   1. Definition
   2. Effects
   3. Clinical Application
      a. Sensitivity
      b. Individual Reactions
   4. Types
      a. External (XRT)
         i. Radiation Reaction
         ii. Hydration and Nutrition
         iii. Myelosuppression
         iv. Other Effects
         v. Nursing Management
         vi. Follow-up Care
      b. Internal (IRT; Brachytherapy)
         i. Safety (Time, Distance, and Shielding)
         ii. Radioisotopes
         iii. Side & Adverse Effects
         iv. Nursing Management
         v. Follow-up Care
C. Chemotherapy
   1. Antineoplastic Classifications/Protocols
      a. Alkylating Agents
      b. Antimetabolites
      c. Antitumor Antibiotics
      d. Plant Alkaloids
      e. Monoclonal Antibodies
      f. Hormones
      g. Steroids
      h. Miscellaneous Agents
   2. Clinical Trials
   3. Administration
   4. Side & Adverse Effects
      a. Myelosuppression
      b. GI Effects/Stomatitis
      c. Alopecia
      d. Sexual Dysfunction
      e. Vesicant Reactions
      f. Organ Toxicities
      g. Body Image
   5. Nursing Management and Safety
D. Biotherapy
E. Supportive Therapies
F. Complications and Emergencies
G. Cancer Pain Management
H. Organizations
OBJECTIVES

Upon completion of this unit, the student will be able to:

1. Define dying, death, clinical death, and brain death.
2. Describe advance directives, including the living will and medical power of attorney/health care agent.
3. Discuss organ donation and the nurse’s role.
4. List clinical signs of impending death.
5. Identify the physiologic changes that occur within the body systems of the terminally ill and/or dying patient.
6. Describe the nursing management of physiologic changes that occur during the dying process.
7. Explain changes in the body after death, including rigor mortis and livor mortis.
8. Discuss nursing care of the body after death (post-mortem care).
9. Discuss the responsibility for legal forms after a patient dies.
10. Discuss ethical issues related to death and dying.

PLAN OF LESSON

I. Definitions
II. Advance Directives
   A. Living Will
   B. Medical Power of Attorney/Health Care Agent
III. Organ Donation
IV. Clinical Signs of Impending Death
V. Physiologic Changes/Patient Needs
   A. Comfort
   B. Skin
   C. GI/Nutrition
   D. Respiratory
   E. CNS
   F. Psychosocial
   G. Spiritual
VI. Nursing Management
   A. Assessment
   B. Nursing Diagnosis
   C. Planning
   D. Implementation
   E. Evaluation
   F. Documentation
VII. Post-Mortem Changes
VIII. Post-Mortem Care
IX. Legal Issues/Forms
   A. Death Certificate
   B. Autopsy Forms
   C. Morgue Release
X. Ethical Issues
   A. Advanced Life Support
   B. Euthanasia
   C. Other End-of-life Choices
Unit: Medical Surgical Nursing
Care of the Dying Patient

Lesson: 2
Title: Psychological Aspects of Caring for the Dying Patient
Time: Theory 3 Hours

OBJECTIVES

Upon completion of this unit, the student will be able to:

1. Discuss death as viewed by society.
2. Discuss death as he/she personally perceives it, including his/her feelings about death and dying.
3. Discuss the emotional aspects of caring for the dying patient.
4. Explain insights and attitudes to be considered when caring for the terminally-ill patient.
5. Relate age and developmental level to perception of death.
6. Identify and describe the emotional-reaction stages of dying according to Dr. Elisabeth Kubler-Ross (DABDA).
7. Discuss the nursing implications of each stage of the dying process (DABDA), including common fears expressed by the dying patient.
8. Discuss emotional aspects of nursing care for the dying patient.
10. Discuss the history and objectives of hospice care.
11. Define “caregiver burden” and related nursing implications.
12. Describe survivor’s guilt and related nursing implications.
13. Discuss loss, bereavement, grieving, and the importance of emotional support for the family.


Evaluation: Class Participation, Quizzing, Written Test, Application in Patient Care

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