**Textbooks for Nursing 4:**

**INSTRUCTIONAL MATERIALS**

**Textbooks for Nursing 4:** Please see the Bookstore website for information on purchasing textbooks and instructional materials.

**REQUIRED:**

\*\*\* **Please read in full** – ordering from a source other than shown below may result in receiving an incorrect product, delayed access or paying higher than needed costs!

**Required Program:** DocuCare – Electronic Health Record program – 6 month access

**Can be purchased:**

**Option 1:** Purchased on-line via OCCC specific url for “instant access” – student receives access via e-mail immediately upon completing purchase so nothing will actually ship.

<https://lippincottdirect.lww.com/NursingEducation-OrangeCountyCommunityCollege-Spring2023>

OCCC Student Discounted Price = $53.99

**Option 2**: Purchased at OCCC bookstore

List Price = $79.99

\*\*\* Here is a helpful link that contains segmented videos covering the most prominent features/functions of DocuCare, so users can use the Table of Contents to jump directly to the component they wish to review.  This link should be saved, to refer as needed as the semester progresses:

<https://elearning.easygenerator.com/f8bdb0d0-da1b-4401-b2fc-83ffa24aaa67/>

**Kaplan Nursing** Kaplan Access Card: available only in the college bookstore. Card, along with paid receipt, must be shown to instructor on first day of classes. This will allow for online secure access to Kaplan homepage which provides study skills workshops, practice tests, secure tests, test results, remediation resources and NCLEX-RN® prep materials.

**Nursing Kit** A kit containing equipment for skills practice-available at the bookstore, if not previously purchased.

Smeltzer, Bare, Brunner & Suddarth’s Medical-Surgical Nursing, 15th Ed., 2017, Lippincott, Hinkle & Cheever (ISBN: 978-1-9751-8670-8)

Mulholland & Turner (2015) The Nurse, the Math, the Meds: Drug calculations using dimensional analysis, 4nd Ed., Evolve (ISBN: 9780323479509)

Halter-Varcarolis Foundation of Psychiatric Mental Health Nursing, 9th Ed., Saunders (ISBN: 978-1455753581)

Ackley & Ladwig Nursing Diagnosis Handbook, 12th Ed., Mosby (ISBN: 978-0-323-879880)

The following books are available for free on Stat!Ref via the Library website:

a. VanLeeuwen & Davis’s Comprehensive Handbook of Lab & Diagnostic Tests w/Nursing Implications, Poelhuis-Leth 9th Ed. F.A. Davis ISBN 9781719640589

b. Deglin & Vallerand Davis’s Drug Guide for Nurses, 17th Ed., F.A. Davis (ISBN for both books: 9781719640053)

**OPTIONAL BOOKS:**

Concept Mapping 5th Edition FA Davis ISBN 9780803694736

**CHRONOLOGY OF STUDY**

**WEEKS 1, 2 & 3**

I. ALTERATION IN OXYGENATION / PROFESSIONAL ISSUES

NEEDS OF THE CLIENT HAVING DEFICIENCY IN PROVIDING OXYGEN AND NUTRIENTS TO THE CELLS NEEDS OF THE CLIENT WITH CARDIOVASCULAR DYSFUNCTION

A. Outcomes

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

1. Utilize the nursing process to develop an individualized nursing care plan for a client with alterations in cardiac function.

2. Assess the client for early signs and symptoms of common cardiovascular dysfunction.

3. Identify the risk factors associated with potential or actual cardiovascular dysfunction.

4. Identify diagnostic tests used to assess cardiovascular function.

5. Assess clients for manifestations of selected cardiovascular dysfunction.

6. Discuss the etiology, signs, symptoms, treatment, and nursing care related to selected cardiac dysfunction.

7. Identify medications, including actions and side effects, which are useful in treating clients with cardiovascular dysfunction.

8. Utilize previously learned nursing skills and interventions in client care.

9. Assist clients in coping with emotional responses that may accompany cardiovascular dysfunction.

10. Develop teaching strategies that will assist the client in understanding and complying with

a prescribed treatment regimen.

11. Discuss management of care and delegation for the client with a cardiovascular dysfunction.

B. Readings

\*\* Review anatomy and physiology of the heart in anatomy textbook.

Brunner:

Week 1: Chapters 21, 22, 23

Week 2: Chapters 11, 25, 27

Week 3: Chapter 24, 27, 26 (pg. 835-853)

Davis Drug Refer to appropriate drug classifications relative to this area.

C. College Laboratory: Laboratory readings are on weekly lab guide.

OUTLINE

II. Baseline data

A. Overview of the heart

1. Structure (review)

2. Function (review)

3. Fundamentals of electrocardiogram (MS Lab)

B. Predisposing factors related to heart disease

C. Common dysrhythmias

III. Nursing process

A. Assessment: data collection

1. Diagnostic tests/laboratory data

2. Pharmacotherapy

3. Medical and surgical interventions

4. Needs assessment of a client with:

a. Cardiac dysrhythmias and conduction problems

b. Coronary Artery Disease

i. Angina pectoris

ii. Acute coronary syndrome (myocardial infarction)

c. Cardiac dysfunctions (etiology, assessment, interventions)

i. Congestive heart failure

ii. Congenital cardiac defects

iii. Valvular heart disease

iv. Infectious and inflammatory heart disease

v. Cardiomyopathy

vi. Cardiogenic shock

vii. Septic Shock

viii.Pulmonary Edema

ix. Pulmonary Embolism

d. Vascular Dysfunction

i. Hypertension

ii. Aneurysms

iii. Arterial obstruction- arterial bypass

e. The maternity client and cardiac disorders

f. Clients undergoing cardiac surgery

i. Pacemaker insertion

ii. Repair and by-pass surgery

iii. Angioplasty

B. Data analysis: common nursing diagnoses

1. Altered cardiac output R/T dysfunctional electrical conduction

2. Fluid volume excess R/T decreased urinary output secondary to heart failure

3. Activity intolerance R/T imbalance between oxygen supply and demand

4. Anxiety R/T unknown outcome of diagnostic tests

5. Noncompliance R/T denial of illness

6. Altered tissue perfusion R/T impaired circulation

C. Expected outcomes

D. Nursing interventions/rationale

E. Evaluation