

Advanced Concepts and Principals of Diabetes Care Application

Applications are DUE: February 15th, 2020

Name: _____ **Student ID:** _____

Student E-mail: _____ **Specialty:** _____

Semester and Year: _____ **Expected Year of Graduation:** _____

Required Courses:

Elizabeth Doyle, DNP, APRN, BC-ADM, CDE– Faculty Instructor

- N610 Advanced Concepts and Principals of Diabetes Care (Didactic course, 2 hr/wk Fall semester)
- N611a and b Clinical Practice in Diabetes Care and Management (Clinical Course 60 hours clinical /semester plus 1 hour clinical conference weekly each semester)

Student:

_____ I am aware of the expectations for the Concentration and have discussed them with:

Concentration Faculty: _____

Academic Advisor: _____

_____ Short statement regarding goals and objectives (attached) (less than one page), addressing: (1) goals, objectives and rationale for participating in the concentration; (2) concrete plans for balancing the added coursework and clinical work, and (3) populations of interest for clinical experiences

_____ Transcript (attached)

Agreement: I agree to meet each semester with Concentration Faculty and my Academic Advisor to review my progress in the Concentration as well as my overall academic performance.

Student Signature

Date

Concentration Faculty: _____

I agree to accept this student into the Concentration and will meet at least each semester to review this student's progress in the Concentration as well as overall academic performance.

Concentration Faculty Signature

Date

Academic Advisor: _____

I agree that this student meets criteria to elect a Concentration and I will meet each semester to review this student's overall academic performance.

Academic Advisor Signature

Date

COURSE DESCRIPTION

This seminar focuses on the concepts and principles of diabetes managed care based on the updated American Diabetes Association Standards of Care. It includes principles of primary care (screening, early detection, intervention, and patient education), secondary care principles related to diabetes management (various treatment modalities, patient education, and self-care), and tertiary care related to complications. These concepts and principles of care are presented relative to type of diabetes (type 1, type 2, gestational, diabetes in pregnancy, and secondary), age, developmental stage, duration of disease, and ethnicity. A multidisciplinary approach to care issues is emphasized, incorporating the contributions of other disciplines in the collaborative management of diabetes. Important aspects of living with a chronic illness such as the psychological, social, occupational, and economic are also emphasized. Required for students in the diabetes concentration: Two hours per week (2 credit hours).

COURSE OBJECTIVES

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

1. Analyze the physiological, psychological and developmental dynamics which affect the individual with diabetes mellitus and complications of diabetes.
2. Identify the appropriate diabetes management strategies specific to type and classification of diabetes mellitus.
3. Explore selected problems in relation to multidisciplinary management strategies, of which nursing is a vital component.
4. Critique current research to evaluate traditional and controversial management strategies.

TEACHING METHODS

- Lecture
- Case studies
- Presentations
- Interactive activities

YALE UNIVERSITY SCHOOL OF NURSING
Master's Program
N611a Clinical Practice in Diabetes Care and Management
Spring, 2020
Faculty: Elizabeth Doyle

COURSE DESCRIPTION

The focus of this practicum is comprehensive management of a caseload of diabetes patients specific to the student's elected specialty (adult-gerontology acute care, family, pediatric, adult-gerontology primary care nurse practitioner, and nurse-midwifery/women's health). The spring semester is an extension of the fall and focuses on the management of common problems related to long-term diabetes complications encouraging clinical decision making and management of co-morbidities. Student's clinical practicum in diabetes care is in various settings specific to student's specialty program. Four hours per week of practice required both terms. Clinical conference one hour weekly (1.65 credit hours).

COURSE OBJECTIVES

Upon completion of this course the student will be able to:

1. Integrate the physiological, psychological and developmental aspects of care and management strategies.
2. Present pertinent findings in a systematic manner to other members of the multidisciplinary health care team.
3. Design nursing interventions for selected clinical problems in keeping with the American Diabetes Association Clinical Practice Recommendations and Standards of Care (most current recommendations).
4. Develops a plan of managed care for priority problems and common problems addressing key components of therapy: medications, nutrition, exercise and patient self-care issues.
5. Support clinical patient management and communication with research from relevant literature.

Program Specific Objectives:

* Adult/Gerontology Acute Care Nurse Practitioner (AGACNP) students will be prepared to provide direct managed care to individuals with diabetes who are in the acute care setting for a diabetes-related admission or for another admitting diagnosis (cardiovascular, cancer, neurological or pulmonary). They will be prepared to assume linkage roles in coordinating diabetes care from inpatient to outpatient and home settings. In turn, the indirect consultative role will be developed.

* Family and Adult-Gerontological Primary Care Nurse Practitioner (AGPCNP) students will be prepared to provide direct managed care to persons with diabetes at different states of the life cycle across a variety of settings. Family NP students will manage children to late adulthood; AGPCNP will manage adolescents to late adulthood. Multidisciplinary collaborative management will be emphasized and through such indirect consultative roles will be developed.

* Pediatric Nurse Practitioner (PNP) students will be prepared to provide direct managed care to children and adolescents with diabetes. This role will also focus on developmental state and family systems. In addition, they will be prepared to provide indirect consultative roles to schools, day care settings and child health care agencies.

*Nurse-Midwifery/Women's Health NP students will be prepared to provide direct care and management to diabetic women of child-bearing age and to women who acquire gestational diabetes. This will include women at the pre-conception antepartum, intrapartum and postpartum states. Multidisciplinary, collaborative management will be emphasized. In addition, students will be prepared to provide neo-natal care for infants of diabetic women.

TEACHING METHODS

- Preceptorship
- Occasional lectures/discussion
- Case study methodology
- Journal Club

ed 11-10-19