

SYLLABUS

Name of Course:	Obstetrics – DIAG-323
Length of Course:	1.5 units, 22 hours (2 hours lecture/week)
Course Description:	This course studies prenatal care, childbirth and postpartum care. The emphasis is on the clinical presentation of common obstetrical disorders, including the clinical pathophysiology, diagnosis prognosis and chiropractic management. The student will be able to recognize those conditions outside the scope of chiropractic for referral to other health care practitioners.
Prerequisites:	PHPA-337, DIAG-226, ACS-232
Course Offered by:	Clinical Sciences Department
Required Text:	<u>Williams Obstetrics</u> , by FG Cunningham, 23 rd Edition, 2010 All textbooks listed are available in the Library
Recommended Text:	<u>Clinical Management of Women the Childbearing Years</u> , by Dr. Karen Cohen, 1991 1994 <u>Textbook on Chiropractic and Pregnancy</u> , Dr. Joan Fallon, <u>Real Food for Pregnancy</u> , Lily Nichols, 2018
Reference Texts:	Williams Obstetrics, by FG Cunningham, 23 rd Edition, 2010 All textbooks listed are available in the Library
Materials:	NA
Method of Instruction:	Lecture/discussion. Take home assignments.

Course Goals: The major thrust of the obstetrical material will be an understanding of a normal pregnancy, labor/delivery and postpartum and the appropriate chiropractic care for a woman going through these life stages. Differential diagnosis of pregnancy and childbirth related complications will be covered. Birthing options and natural childbirth will be discussed.

Course Objectives:

Week 1: Introduction to Obstetrics
Review the important aspects of the Gynecological/Obstetrical history
Discuss the chiropractor's responsibility in caring for the pregnant patient

Week 2: Review the physiological changes occurring in pregnancy
Review fetal development, Female Sex hormones and physiology of pregnancy

Week 3: Discuss obstetrical examinations
Discuss the components of prenatal care and initial assessment
Review the Pelvic examination

Week 4: Discuss Patient education: Nutrition and exercise
Discuss the Stages of Labor
Discuss the common complaints and normals during pregnancy
Discuss common procedures, episiotomy, natural tears

Week 5: Discuss the role of expectant partners
Discuss the types of birth practitioners
Discuss options for delivery

Week 6: *Mid-term examination*

Week 7: Review midterm
Discuss Emergency delivery, show birth videos

Week 8: Discuss the postpartum physiological changes
Discuss perinatal mood disorders
Discuss postpartum, lactation
Discuss the common complaints during postpartum

Week 9: Show the Dark Side of The Full Mood video in class
Assignment with video

Week 10: Review for final exam

Week 11: *Final examination as scheduled*

Student Learning Outcomes: At the completion of DAIG 323 course, a student should be able to:

1. Discuss the normal physiological/anatomical and emotional changes that occur with pregnancy, delivery process and postpartum. (PLO: 1)
2. Discuss the Chiropractor's role in caring for the pregnant/postpartum patient including the proper procedure for the initial assessment, physical exam and care of the pregnant/postpartum patient. (PLO: 1,2)
3. Discuss appropriate patient education topics including common complaints of pregnancy and postpartum, the issues/concerns of expectant fathers/partners, birth options and the type of birth practitioners. (PLO: 3,4,6)
4. Discuss the role as a first responder in the situation of an emergency delivery. (PLO:1,2)

Program Learning Outcomes (PLO): Students graduating with a Doctor of Chiropractic degree will be proficient in the following:

1. **ASSESSMENT AND DIAGNOSIS:** An assessment and diagnosis requires developed clinical reasoning skills. Clinical reasoning consists of data gathering and interpretation, hypothesis generation and testing, and critical evaluation of diagnostic strategies. It is a dynamic process that occurs before, during, and after the collection of data through history, physical examination, imaging, laboratory tests and case-related clinical services.
2. **MANAGEMENT PLAN:** Management involves the development, implementation and documentation of a patient care plan for positively impacting a patient's health and well-being, including specific therapeutic goals and prognoses. It may include case follow-up, referral, and/or collaborative care.
3. **HEALTH PROMOTION AND DISEASE PREVENTION:** Health promotion and disease prevention requires an understanding and application of epidemiological principles regarding the nature and identification of health issues in diverse populations and recognizes the impact of biological, chemical, behavioral, structural, psychosocial and environmental factors on general health.
4. **COMMUNICATION AND RECORD KEEPING:** Effective communication includes oral, written and nonverbal skills with appropriate sensitivity, clarity and control for a wide range of healthcare related activities, to include patient care, professional communication, health education, and record keeping and reporting.
5. **PROFESSIONAL ETHICS AND JURISPRUDENCE:** Professionals comply with the law and exhibit ethical behavior.
6. **INFORMATION AND TECHNOLOGY LITERACY:** Information literacy is a set of abilities, including the use of technology, to locate, evaluate and integrate research and other types of evidence to manage patient care.
7. **CHIROPRACTIC ADJUSTMENT/MANIPULATION:** Doctors of chiropractic employ the adjustment/manipulation to address joint and neurophysiologic dysfunction. The adjustment/manipulation is a precise procedure requiring the discrimination and identification of dysfunction, interpretation and application of clinical knowledge; and,

the use of cognitive and psychomotor skills.

8. **INTERPROFESSIONAL EDUCATION:** Students have the knowledge, skills and values necessary to function as part of an inter-professional team to provide patient-centered collaborative care. Inter-professional teamwork may be demonstrated in didactic, clinical or simulated learning environments.
9. **BUSINESS:** Assessing personal skills and attributes, developing leadership skills, leveraging talents and strengths that provide an achievable expectation for graduate success. Adopting a systems-based approach to business operations. Networking with practitioners in associated fields with chiropractic, alternative medicine and allopathic medicine. Experiencing and acquiring the hard business skills required to open and operate an on-going business concern. Participating in practical, real time events that promote business building and quantifiable marketing research outcomes
10. **PHILOSOPHY:** Demonstrates an ability to incorporate a philosophically based Chiropractic paradigm in approach to patient care. Demonstrates an understanding of both traditional and contemporary Chiropractic philosophic concepts and principles. Demonstrates an understanding of the concepts of philosophy, science, and art in chiropractic principles and their importance to chiropractic practice.