

COMAT-OBSTETRICS AND GYNECOLOGY

Content Outline and Assessment Objectives

The **COMAT-Obstetrics and Gynecology** examination is designed for the end-of-course assessment or end-of-clinical rotation/clerkship assessment for students enrolled at a college of osteopathic medicine. This examination emphasizes core knowledge and elements of osteopathic principles and practice that are essential at the advanced beginner level (osteopathic medical student) for the discipline of **Obstetrics and Gynecology**.

General Learner-Centered Objectives

Based on general learner-centered objectives as outlined in the **COMAT-Obstetrics and Gynecology** Examination Blueprint ([http://www.nbome.org/docs/COMAT-Obstetrics and Gynecology.pdf](http://www.nbome.org/docs/COMAT-Obstetrics%20and%20Gynecology.pdf)), the examinee will be required to demonstrate the ability to apply:

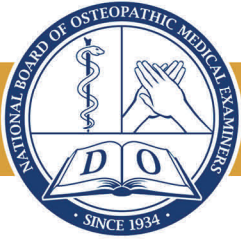
- 1) Foundational content knowledge to situations and patient presentations encountered in clinical settings and important to Obstetrics and Gynecology.
- 2) Foundational content knowledge and clinical problem-solving ability as related to particular physician tasks critical to Obstetrics and Gynecology.
- 3) Knowledge and clinical problem-solving as related to the *Fundamental Osteopathic Medical Competency Domains*, including osteopathic principles and practice and OMT, osteopathic medical knowledge, interpersonal and communication skills, practice-based learning and improvement, systems-based practice, professionalism and patient care.
([http://www.nbome.org/docs/NBOME Fundamental Osteopathic Medical Competencies.pdf](http://www.nbome.org/docs/NBOME%20Fundamental%20Osteopathic%20Medical%20Competencies.pdf))
- 4) Osteopathic principles and practice in commonly encountered patient care scenarios.

Selected Specific Objectives for COMAT-Obstetrics and Gynecology

For **COMAT-Obstetrics and Gynecology**, the examinee will be required to demonstrate the ability to diagnose and manage selected patient presentations and clinical situations involving, but not limited to:

- 1) **Normal Obstetrics:** preconception, antepartum, intrapartum, and postpartum care; history and physical examination; maternal-fetal physiology; preventive care, nutrition and lactation
- 2) **Abnormal Obstetrics:** abnormal labor, spontaneous abortion, ectopic pregnancy and third-trimester bleeding
- 3) **General Gynecology:** normal gynecology, family planning, adolescent issues and development, issues of domestic violence and sexual assault, breast diseases, vulvar/vaginal diseases, sexually transmitted infections, urinary tract disorders, screening and preventive care, menstrual cycle and premenstrual syndrome, somatic dysfunction and viscerosomatic relationships
- 4) **Reproductive Endocrinology:** menopause, normal/abnormal uterine bleeding, and infertility
- 5) **Gynecologic Oncology:** cervical, uterine and ovarian disease and neoplasm and gestational trophoblastic neoplasia

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Selected Student and Faculty Learning Resources for COMAT-Obstetrics and Gynecology

In addition to the aforementioned objectives, examples of supplementary resources used by the NBOME to inform the development of the **COMAT-Obstetrics and Gynecology** examination are listed below:

- Association of Professors of Gynecology and Obstetrics (APGO) Medical Student Educational Objectives:
(http://www.obgyn.uab.edu/medicalstudents/obgyn/uasom/documents/Final_EDUC_OBJ.pdf)
- Course and Clerkship Objectives as Outlined by each College of Osteopathic Medicine:
(<http://www.aacom.org/people/colleges/Pages/default.aspx>)
- Basic Standards for Residency Training in Obstetrics and Gynecology:
([http://www.osteopathic.org/inside-aoa/accreditation/postdoctoral-training-approval/postdoctoral-training-standards/Pages/obstetrics and Gynecology.aspx](http://www.osteopathic.org/inside-aoa/accreditation/postdoctoral-training-approval/postdoctoral-training-standards/Pages/obstetrics%20and%20Gynecology.aspx))

Sample **COMAT-Obstetrics and Gynecology** examination items will soon be available on the NBOME's website. Although not expressly designed for or intended to prepare examinees for COMAT examinations, sample COMLEX-USA test items are available at (<http://www.nbome.org/intro/index.html>), and the Comprehensive Osteopathic Medical Self-Assessment Examination (COMSAE) Phase 2 is available at (<http://www.nbome.org/comsae.asp?m=can>).

A select number of resources related to the discipline of **Obstetrics and Gynecology** are as follows:

Comprehensive Gynecology	Katz	5 th Edition	2007
Obstetrics: Normal Problems and Pregnancies	Gabbe	5 th Edition	2007
Essentials of Obstetrics and Gynecology	Hacker	5 th Edition	2009
UpToDate	Inc	Version 18.3	2011
An Osteopathic Approach to Diagnosis and Treatment	DiGiovanna	3 rd Edition	2004
Foundations for Osteopathic Medicine	AOA	3 rd Edition	2010

NBOME COMAT Committees

Membership of the **COMAT-Obstetrics and Gynecology** committee was formulated by the NBOME with input provided by board-certified specialty experts in **Obstetrics and Gynecology** from across the nation. This team consists of department chairs, clerkship/clinical rotation directors, and faculty members from colleges of osteopathic medicine, as well as representatives from graduate medical education (residency) programs and private clinical practice.