



COMPETENCY-BASED MEDICAL EDUCATION and NBOME

Jeanne M. Sandella DO
VP Professional Development Initiatives
and Communications

NBOME

NATIONAL BOARD OF OSTEOPATHIC MEDICAL EXAMINERS



NBOME

**PROTECTING THE PUBLIC BY
PROVIDING THE MEANS TO ASSESS
COMPETENCIES FOR OSTEOPATHIC
MEDICINE AND RELATED HEALTH
CARE PROFESSIONS**

CMBE ENVIRONMENT AND THE NBOME

- CoPA **UGRC Recommendation #9** “common framework of outcomes (competencies)...UME-GME transition.”
- Coalition for Physician Accountability endorsed competencies framework (6 core competency domains plus allowance for additional domains and integration) in 2014
- AAMC-ACGME-AACOM co-sponsored creation of **common set of national foundational competencies** (acknowledges CoPA endorsement of 6 domains+ in 2014)
- NBOME has published detailed “Fundamental Osteopathic Medical Competency Domains (FOMCD)” since 2006, aligned with former “Good Medical Practice-USA” Coalition-parent initiatives
- COMLEX-USA transitioned to using updated FOMCD-specified competency domains for COMLEX-USA and attestation of “good academic and professional standing” requirement in 2018

COMLEX-USA: ELIGIBILITY

Level 1

- Completion of the first year of study at an accredited college of osteopathic medicine (COM)
- Attestation* by the COM that the candidate is in good academic and professional standing

Level 2-CE

- Passing of COMLEX-USA Level 1
- Completion of the second year of study at an accredited college of osteopathic medicine (COM)
- Attestation* by the COM that the candidate is in good academic and professional standing

Level 3

- Pass COMLEX-USA Level 2-CE
- Pass Level 2-PE or meet attestation requirements as outlined in the COMLEX-USA Bulletin of Information
- Graduation from an accredited college of osteopathic medicine (COM)/ Earned a DO degree
- Attestation* by a residency program director that the candidate is in good academic and professional standing

*attestation expanded in 2018

COMLEX-USA: DEFINING THE ASSESSMENT

- **Fundamental Osteopathic Medical Competency Domains**
 - 2006, 2010, 2016
- **Blue Ribbon Panel for Enhancing COMLEX-USA**
 - 2010-2016
 - **COMLEX-USA Master Blueprint**
 - Score reporting (2018),
 - Score reports to Program directors (2018)
- **Pass-Fail for COMLEX-USA Level 1 score reporting (2022)**
 - Includes formative performance profiles for all candidates (not for secondary uses)

LEVEL 1 SCORE REPORT

Name: [Jane Doe](#)
NBOME ID: [012345](#)
School: [UCOM](#)

Test Date: [MM/DD/YYYY](#)

COMLEX-USA Level 1 Score Report

The Comprehensive Osteopathic Medical Licensing Examination (COMLEX-USA) series is designed for use for all applicants for osteopathic medical licensure. COMLEX-USA consists of three progressive levels. Passing Level 1 indicates that the candidate has demonstrated competence in the foundational biomedical sciences and osteopathic principles and related physician competency domains for osteopathic medical care of patients as required to enter supervised patient care settings and to continue lifelong learning. Your result for **COMLEX-USA Level 1** is reported below.

Result: **PASS**

Result: The result indicates the pass/fail decision based on your examination performance. Passing COMLEX-USA Level 1 is based solely on achieving an overall standard score of 400 or higher. The standard score of 400 reflects the minimum passing level recommended by the NBOME for COMLEX-USA Level 1.

This candidate score report does not constitute an official transcript.
Only official transcripts from the NBOME should be used for primary verification of
COMLEX-USA performance.

NBOME

LEVEL 1 FORMATIVE PERFORMANCE PROFILE

Name: Jane Doe
 NBOME ID: 012345
 School: UCOM

Test Date: MM/DD/YYYY

COMLEX-USA Level 1 Formative Performance Profile

This performance profile provides a comparison of your performance to the performance of other first-time test takers in the content areas tested in the examination.

- "Lower" indicates performance that was below the national mean performance.
- "Average" indicates performance within the 95% confidence interval of the national mean performance.
- "Higher" indicates performance above the national mean performance.

Because the examination is highly integrative, NBOME recommends reviewing all content areas if retaking the examination.

⚠ The NBOME provides this formative information to the candidate and the school for the purposes of continuous quality improvement and lifelong learning. The relative strengths and weakness information relates to the COMLEX-USA master blueprint. The NBOME strongly cautions against the use of this information for any other purposes, including sharing in any form as part of application to residency programs.

Please visit our website at www.nbome.org for details about the COMLEX-USA Master Blueprint.

Competency Domain	Minimum % of Test Questions on Level 1	Your Performance Level		
		Lower	Average	Higher
Osteopathic Principles, Practice, and Manipulative Treatment	11%			
Osteopathic Patient Care and Procedural Skills	6%			
Application of Knowledge for Osteopathic Medical Practice	60%			
Practice-Based Learning and Improvement in Osteopathic Medical Practice	5%			
Interpersonal and Communication Skills in the Practice of Osteopathic Medicine	3%			
Professionalism in the Practice of Osteopathic Medicine	3%			
Systems-Based Practice in Osteopathic Medicine	2%			

Clinical Presentation	Minimum % of Test Questions on Level 1	Your Performance Level		
		Lower	Average	Higher
Community Health and Patient Presentations Related to Wellness	12%			
Patient Presentations Related to Human Development, Reproduction, and Sexuality	5%			
Patient Presentations Related to the Endocrine System and Metabolism	5%			
Patient Presentations Related to the Nervous System and Mental Health	10%			
Patient Presentations Related to the Musculoskeletal System	13%			
Patient Presentations Related to the Genitourinary/Renal System and Breasts	5%			
Patient Presentations Related to the Gastrointestinal System and Nutritional Health	10%			
Patient Presentations Related to the Circulatory and Hematologic Systems	10%			
Patient Presentations Related to the Respiratory System	10%			
Patient Presentations Related to the Integumentary System	5%			

This candidate score report does not constitute an official transcript. Only official transcripts from the NBOME should be used for primary verification of COMLEX-USA performance.

OSTEOPATHIC CLINICAL SKILLS ASSESSMENT

- **COMLEX-USA Level 2-PE (2004-2020)**
 - Osteopathic clinical skills assessment as part of the COMLEX-USA licensure series
 - Current Dean's verification of these skills at graduation (2020-2025)
 - *graduated and have demonstrated the fundamental osteopathic clinical skills necessary for graduation*
- **Core Competency Capstone for DOs (C3DO)**
 - On COM campuses but to a national standard
 - Likely will assess communication, hands-on diagnosis/PE, OMM/OMT
 - badge concept TBD

OTHER PROGRAMS

- **COMAT** examinations- achievement tests used by DO schools
 - Foundational Biomedical Sciences (comprehensive and targeted)
 - Clinical- 8 clinical disciplines (noted in IM SLOE)
- **CATALYST** platform and **AOA-OCC**/Platform/Client- learning through assessment
- Client CSTs



THANK YOU

#DOProud | #NBOME | #COMLEX-USA | #RoadToDOLicensure

NBOME