COMPETENCY-BASED MEDICAL EDUCATION and NBOME

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VP Professional Development Initiatives and Communications
PROTECTING THE PUBLIC BY PROVIDING THE MEANS TO ASSESS COMPETENCIES FOR OSTEOPATHIC MEDICINE AND RELATED HEALTH CARE PROFESSIONS

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
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
CBME AND THE NBOME

COMLEX-USA: DEFINING THE ASSESSMENT

• **Fundamental Osteopathic Medical Competency Domains**

• **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

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.
LEVEL 1 FORMATIVE PERFORMANCE PROFILE

Name: Jane Doe  
NBOME ID: 612345  
School: UCORI

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 taking the examination in forms.

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 weaknesses 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 residencies or programs.

Please visit our website at www.nbome.org for details about the COMLEX USA Paper Form.

<table>
<thead>
<tr>
<th>Competency Domain</th>
<th>Minimum % of Test Questions on Level 1</th>
<th>Your Performance Level</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Osteopathic Principles, Practice, and Manipulative Treatment</strong></td>
<td>11%</td>
<td>Lower</td>
</tr>
<tr>
<td><strong>Osteopathic Patient Care and Procedural Skills</strong></td>
<td>6%</td>
<td>Lower, Average, Higher</td>
</tr>
<tr>
<td><strong>Application of Knowledge for Osteopathic Patient Care</strong></td>
<td>60%</td>
<td>Lower</td>
</tr>
<tr>
<td><strong>Practice-Based Learning and Improvement in Osteopathic Patient Care</strong></td>
<td>5%</td>
<td>Lower</td>
</tr>
<tr>
<td><strong>Interpersonal and Communication Skills in the Practice of Osteopathic Medicine</strong></td>
<td>3%</td>
<td>Lower, Average, Higher</td>
</tr>
<tr>
<td><strong>Professionalism in the Practice of Osteopathic Medicine</strong></td>
<td>3%</td>
<td>Lower, Average, Higher</td>
</tr>
<tr>
<td><strong>System-Based Practice in Osteopathic Medicine</strong></td>
<td>2%</td>
<td>Lower, Average, Higher</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Clinical Presentation</th>
<th>Minimum % of Test Questions on Level 1</th>
<th>Your Performance Level</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Comprehension and Reasoning Related to Wellness</strong></td>
<td>2%</td>
<td>Lower</td>
</tr>
<tr>
<td><strong>Patient Presentations Related to Human Development, Reproduction, and Sexual Health</strong></td>
<td>5%</td>
<td>Lower</td>
</tr>
<tr>
<td><strong>Patient Presentations Related to the Endocrine System and Metabolism</strong></td>
<td>5%</td>
<td>Lower</td>
</tr>
<tr>
<td><strong>Patient Presentations Related to the Nervous System and Mental Health</strong></td>
<td>10%</td>
<td>Lower, Average, Higher</td>
</tr>
<tr>
<td><strong>Patient Presentations Related to the Musculoskeletal System</strong></td>
<td>3%</td>
<td>Lower, Average, Higher</td>
</tr>
<tr>
<td><strong>Patient Presentations Related to the Gastrointestinal System and Nutritional Health</strong></td>
<td>5%</td>
<td>Lower, Average, Higher</td>
</tr>
<tr>
<td><strong>Patient Presentations Related to the Circulatory and Hematological Systems</strong></td>
<td>10%</td>
<td>Lower</td>
</tr>
<tr>
<td><strong>Patient Presentations Related to the Respiratory System</strong></td>
<td>10%</td>
<td>Lower</td>
</tr>
<tr>
<td><strong>Patient Presentations Related to the Integumentary System</strong></td>
<td>5%</td>
<td>Lower, Average, Higher</td>
</tr>
</tbody>
</table>

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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