

## **Night-On-Call: A simulation program to assess transitioning students' competency in the AAMC's Entrustable Professional Activities (EPAs).**

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The AAMC has called on medical educators to ensure that students demonstrate competence in 13 core Entrustable Professional Activities (EPAs) before entering residency. At present there is no consensus as to how the EPAs should be taught, assessed and documented. In an effort to address the issues of assessment and documentation we developed a simulated "Night-On-Call" to evaluate individual performance on each of the 13 EPAs. The goal of this study was to determine if our transitioning students were meeting the criteria set forth by the AAMC and to assess whether curricular changes are necessary to assure our students are prepared for residency.

As part of a comprehensive program to both prepare our transitioning students for residency, and to assess clinical reasoning, professional and communication skills prior to graduation, the Night-On-Call program was developed and piloted with 100 volunteer students. Night-On-Call is an immersive 4.5 hour simulation experience which consists of four standardized patients and nurse cases, a hand-off to a fellow resident, an oral presentation to an attending physician on the phone, chart documentation and a literature search to seek evidence for a clinical choice. Night on Call incorporates assessments of all of the 13 EPAs. At the end of the session, the student is given feedback including areas of strength and those that need improvement.

Not surprisingly there is great variability in how ready our near graduate students are for their first Night on Call, although they uniformly appreciated the opportunity to practice in the simulation setting. Performance data from this event will be used to help students identify specific learning needs. Although Night-On-Call was developed to assess individual preparedness by EPA, it has also helped us identify areas of weakness in our curriculum and guide the development of new educational modalities to better prepare students for residency. We plan to develop Night-On-Call as an immersive preparation for residency assessment scalable to osteopathic and allopathic medical schools.