



Effective Health Care

Virtual 3D Training in Healthcare Nomination Summary Document

Results of Topic Selection Process & Next Steps

- Virtual 3D training in healthcare does not fit within the domain of the Effective Health Care (EHC) Program because it addresses healthcare training rather than diagnosis or treatment. No further activity will be undertaken on this topic.

Topic Description

Nominator: Individual

Nomination Summary: The nominator questions the comparative effectiveness of training interdisciplinary health care professionals in a virtual 3D world versus in a physical simulation laboratory and asks if training in a virtual 3D world is transferable to a physical environment. She states that this videogame-like technology could quickly and accurately produce numerous low volume/high-risk medical situations (specifically acute events) that are encountered infrequently in clinical situations. In addition, the tool would focus on interdisciplinary team interaction and the health care professional could virtually encounter different patient, family, and staff behaviors and cultures that may affect patient outcomes.

Key Questions from Nominator:

1. What is the comparative effectiveness of training interdisciplinary healthcare personnel in a virtual 3D world versus a physical simulation laboratory?
2. Is training in a virtual 3D world transferable to a physical environment?

Considerations

- The topic does not meet EHC Program appropriateness criteria. (For more information, see <http://effectivehealthcare.ahrq.gov/index.cfm/submit-a-suggestion-for-research/how-are-research-topics-chosen/>.)