

Guide to developing effective content for Highly Immersive Virtual Environments

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GUIDE TO DEVELOPING EFFECTIVE CONTENT FOR

HIGHLY IMMERSIVE VIRTUAL ENVIRONMENTS (HIVE)

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Simulation is an important learning method in health professionals' education. Beyond technical-skill development, other dimensions of learning are important including situational awareness. Increasingly, technology is being utilized to enhance context in simulation. One such technology is Highly Immersive Virtual Environments (HIVE). HIVEs permit learners to be immersed in a physical room and provide an enriched auditory, olfactory and visual context/backdrop; affording learners 'bodily' experiences as a scenario unfolds - i.e. a tacit experience that is entangled with place. The possibilities of context that can be produced in HIVEs is potentially limitless. As HIVEs gain traction in simulation, evidence needs to guide how best we optimize such technology in learning. In our project, a cross-discipline team devised a process for development of HIVE content.



Developing HIVE 'content' with educational 'intent'

