The use of simulations in emergency medical education has been occurring for years. With recent technological advances there is a need to explore the effects that computerized simulations have on the instruction of allied health professional, in particular emergency medical providers. The use of a manikin is a common practice technique for simulating patient environments and conditions. This paper addresses how the use of a computerized response manikin can create a rich learning environment. Psychological views of learning are also assessed in the context of this learning environment. Student perceptions of this learning environment are evaluated also.