

he physicians were not followed after their participation, so sessment of transfer of learning was not possible) Calvyay Tanta da ang a singana Dinaking Data da

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curriculum has been developed, blending didactic content and case ased simulation for START triage training. The course has been elivered to medical students and primary care physicians in the US nd Iraq. Course evaluations have been overwhelmingly positive. It has been suggested that this training, if made readily available to ore clinicians and first responders, would make an immediate and asurable impact on the survivability of mass casualty events.

ovements and can portray anger, fright, confusion or other behaviors ased upon cognitive, emotional, physiological, and pathological models. ditional attributes which provide effective portrayal of casualties Dynamic skin texturing of clinical signs and injuries •Full body medically-relevant animations •Multi-layered, deformable and removable clothing Breathing chest motion integrated with real-time physiology

Medically

Relevant

Animatior

vsiologic

Injury

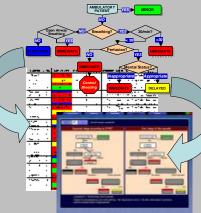
Library

Interactive body regions for patient assessment

•Appropriate physiologic response to medical interventions •Real-time pharmacokinetic modeling of medication adminis

he characters demonstrate dynamic facial expressions, gestures, body

Models



The START method's deterministic algorithm provides seven potential sessment paths and four terminal categorizations of a casualty's iority of care. In the development environment, we used this framewo drive the design a total of twenty eight casualties. The individual case onsisted of adult patients and focused on various mechanisms of injury cluding blunt and penetrating traumas, thermal burns, and blast njuries. All cases were clinically straightforward and presented a clear nambiguous problem with a single corresponding triage category. addition to applying the algorithm in the design phase of the synthetic naracter development, the START method is used to capture and prese eal-time progress to the end user, as well as serving as graphical afterction review. Student performance is presented alongside the expected riage path for comparison, as well as application of weighted and nonghted scoring assessment methods.



creen captures of the seven scenarios developed to ensure that each udent user to encounters every possible patient condition while training enact triage using the START method of primary disaster triage.