

At a glance

What it is

During training in the Camp Pendleton IIT, a series of vignettes representing events a Marine could encounter while on patrol in Afghanistan are presented in an interactive multimedia program. Possible Courses of Action (COAs) are presented with each vignette. Each Marine listens to and reads each vignette, then evaluates each COA on a sliding scale as to its effectiveness in meeting the needs of the event.

Development process

- One vignette for each decision theme for pre-test (prior to IIT scenarios)
- One vignette for each decision theme for post-test (following IIT scenarios)
- Vignettes are similar to scenario events, but differ in detail
- Pre-test and post-test vignettes are similar to each other, but differ in detail
- Provide sufficient context to support evaluation of COAs
- Avoid emphasis on tactics and specific unit SOPs
- FITE SMEs validated vignettes and COA software
- USMC SMEs provided ratings of each COA – Expert Baseline
- Squad members provided ratings for each COA (pre- and post-test training)
- Squad members' pre- and post-test ratings compared to SME ratings
- Marines who didn't go through IIT scenarios used as a control group (N=18)

Analysis

- Determine SME rating baseline for each COA
- Trainee COA ratings are compared to SME average rating
- Agreement score is determined for each COA and over all decision themes
- Composite comparisons can be determined for overall training
- Statistical analyses are conducted on all pre/post measures

Point of Contact

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