

ABSTRACT**SYSTEM AND METHOD FOR PROVIDING AUTOMATED TRAINING**

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The present invention relates to a system (100) and method for providing automated training. The system (100) comprises a movements recording device (101), a visual generating device (103), a processor (105), a feedback system (107) and a simulation generating device (109). The movements recording device (101) is a
10 three-dimensional motion sensor for tracking and recording movements. Scenario simulations (207) are displayed with pre-recorded actions of an expert (201) for a learner (111) to emulate. The processor (105) generates a comparison analytics between the image of the expert (201) and the learner (111), producing a similarity score (203). Based on the similarity score (203), automated feedback (205) is
15 provided for further improvements. Subsequently, to train higher levels of competence, learners (111) are expected to perform on their own without the display of the expert (201), including demonstrating the required metacognition to predict danger or errors arising within the scenario simulation (207). Again, pre-recorded feedback videos are triggered based on the psychomotor responses from
20 the learner (111).

Most illustrative figure: Figure 1