

**Presenters feature SmartMan in their research presentation at the European Resuscitation Congress.**

Dr. Angelo Salvucci used SmartMan to evaluate the immediate and long-term results of introducing a comprehensive cardiac arrest management system and the outcome measures recommended by the US Institute of Medicine. The results were favorable for neurological survival.

Allen Kuo presented on the examination of CPR performance of infant specialist and whether a high fidelity feedback baby simulator could improve performance skills within a regular scheduled class time. Results demonstrated that high quality CPR performance can be obtained, but the type of simulator used is important for better results.

Cynthia Rojero focused on pediatric ventilation errors in specialists performance and if using a high fidelity feedback baby simulator could improve skills. Results showed an increase in high quality ventilations according to AHA guidelines.



**A Comprehensive System of Care Improves Neurologically-favorable Cardiac Arrest Survival**



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**Objective:** To evaluate the immediate and long-term results of introducing a comprehensive cardiac arrest management (CAM) system in a U.S. emergency medical services (EMS) jurisdiction according to structural description and outcome measures recommended by the U.S. Institute of Medicine (IOM).

**Results:** There was an immediate and sustained increase in neurologically-favorable survival following implementation of CAM in 2013. Comparing the year before to the year after CAM introduction, CPC 1 or 2 survival increased from 7.5% to 15.7%. Neurologically intact survival for all years following CAM implementation showed a