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## Tamar Vechter

*Hillel Yaffe Medical Center, Israel*

### The nurses' perception of self-efficacy in performing CPR simulation in hospital setting

The main cause of death among the population over 40 years old is fatal arrhythmia and sudden cardiac arrest. Improving nurses' practice by CPR simulation and sense of self-efficacy may be a critical element in translating knowledge and resuscitation skills into effective action during critical situation. Therefore, the aim of this study was identify nurses' perception of self-efficacy in performing CPR simulation in Hillel Yaffe Medical Center. The sample consisted of 360 Registered Nurses who were working in General, Surgical departments, Intensive Care Units, Emergency Rooms and Maternal Division. The survey included the 17-item Resuscitation Self-Efficacy Scale for Nurses with 4 component structure termed 'Recognition', 'Debriefing and recording', 'Responding and rescuing', and 'Reporting' (RSES). A logistic regression model tested the hypothesis that explains the difference of nurses' perception of self-efficacy in performing CPR simulation in various departments. A total of 309 (85%) completed, usable surveys were returned. Pearson's correlation demonstrated modest but statistically significant association between education, professional experience, scope of position, and moderate statistically significant association between various medical departments and 4- component structure of the RSES. These findings indicated that RSES assessment of current practice, promote the implementation of educational interventions by CPR simulation that improve self-efficacy for nurses, and eventually contribute to the improvement of patient care.

### Biography

Tamar Vechter is a Courses Coordinator since 2010 in Qualification Center of Pat Mattews Academic School of Nursing at Hillel Yaffe Medical Center and Chairman of the Education Division of the Nurses' Union since 2014. Prior she was a Member of Executive Committee of The Israeli Society for Research in Nursing. She has been teaching in nursing program since 1999. She has taught a variety courses in BA program in Fundamental Nursing area and in Medical-Surgical area clinical issue in diabetes type 2, liver disease and AIDS. In addition, she is the Head of a Preceptor ship Program that prepares clinical instructors since 2001. Her teaching interest is Clinical Instruction. Her specialty is in diabetes.

### Notes: