





28TH INTERNATIONAL CONFERENCE ON HEALTH PROMOTING HOSPITALS AND HEALTH

Applying the Multi-methods Approach to Enhance the Ability of Cardiopulmonary Resuscitation Among General Pediatric Nurses

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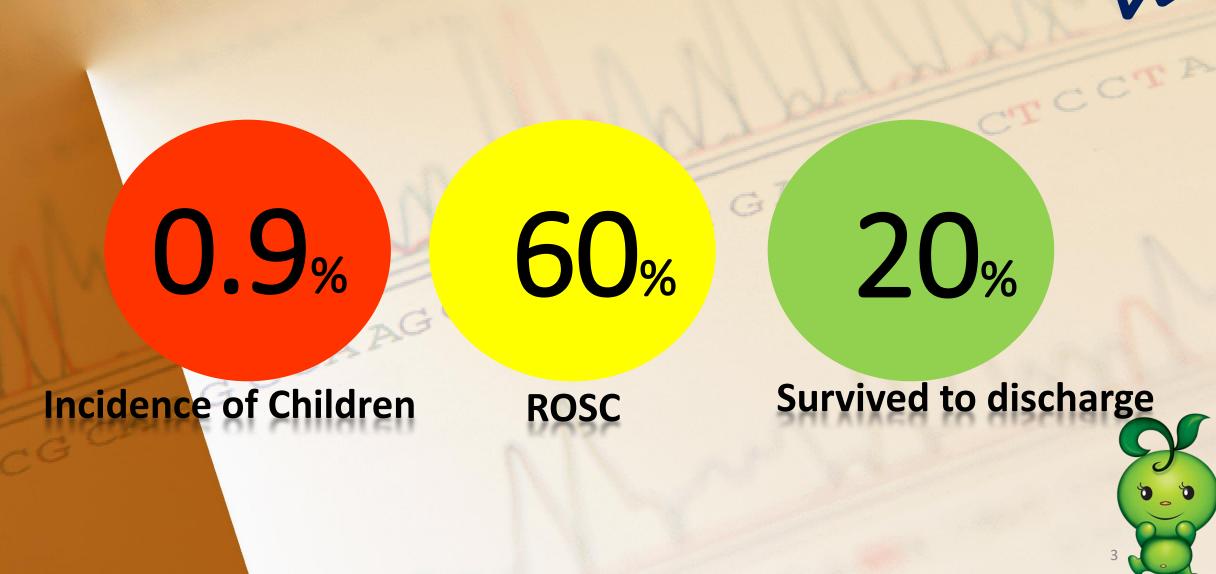
Outlines

Background

- Pediatric resuscitations occur rarely
- Nurses are the frontline to judge whether the resuscitation activates
- BLS does not meet the real clinical circumstances
- Methods (15 pediatric nurses and 3 junior pediatric residencies)
 - Lecture
 - Interactive software educational instrument
 - High-fidelity simulation training
 - Debriefing workshop
 - Tooltips
- Result
- Relevance to HPH





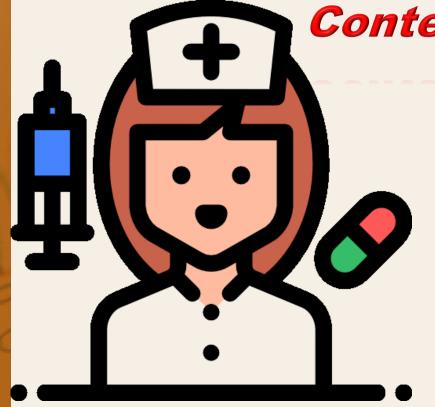






Patient- Self-competence Teamwork Condition

Contextualized Competence?







Methods



Lecture

ECG interactive software

Ability of CPR

Debriefing workshop

High-fidelity simulation training



Scenarios

表四 兒童急救情境模擬教案

情境故

大疫班兩位護理師上班,凌晨 5點巡房做治療時,到 17-1 床臭小弟 6個月診斷 DCM 的變兒,一日前因咳嗽、吐、呼吸喘、血氣只維持 90-92%檢診斷支氣管肺炎性院,使用氧氣候治療,今日大夜推轉 要給 bricanyl 噴霧治療時變現變兒在氧氣帳裡平躺著,臉上和脖子,領子皆有吐奶飛跡,關碰身體時成覺皮膚冰冷、沒有呼吸、沒 有反應,沒觀則是在除病棒上瞭覺。

教案二 8 歲先天性心臟病女童,行過多次心臟手術,二尖瓣裝有機械解膜, 平常皆服用 Aspirin 及 Coumadin · INR 維持在 2-3 · 但多次因為機械 辨膜 dysfunction IT TPA。今日因呼吸唿、精神倦入院治療,下午 3 點多突然間家屬接鈴女童叫不醒,回肢末梢水冷。

教案三 15 處女生图SLE 合併賢衰竭。高血鉀住加獲病房洗賢、放置中心靜 縣等管及變體等管,但仍全身水腫。無法下床活動,因病情穩定轉 同兒輔病房。右股有中心靜脈轉停。少緣,固定週二、五進行血液 透析。使用 O2 3L/min、今日與家人一同外出檢查後迴回病房,白 班由佐護理鄉釋床時,病人突然大叫一擊就沒意識。







Tooltips



	工作分配内容
人異雄號	插管、換氣輔助
leader/airway	
2 抽痰	換無輔助、絵範、抽痰
3 陸詢/護理師	確定Ⅳ管路、絵葉、電撃板、確定脈搏
4 急救車	给藥、備藥、紀錄
5 小組 Leader	指揮
6 堅胸	壁桐
7 侵入性處置	On line、抽 ABG
8 資料管理	紀錄、病歷負責

Guideline for Roles in Resuscitation

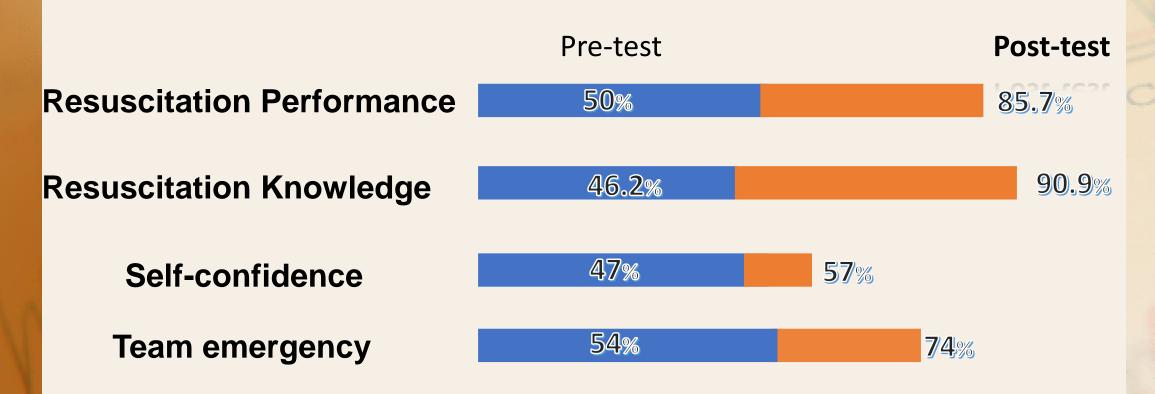
Call 9595- state pediatric cardiac arrest and location

- ✓ Leader/airway
- √ Suction
- ✓ Chest compression
- ✓ Medication administration
- ✓ IV access/ Blood Collection
- ✓ Scribe





Results







Relevance to HPH

- Pediatric resuscitation is a source of heightened stress
- Nurses face complex problems and reduced staffing during night shifts. Stress during resuscitation is often found to be associated with reduced performance.
- Interventions in this study increased nurses' resuscitation skills, knowledge, and self-confidence
- To rapidly react to medical problems, healthcare policy should be modified appropriately and promptly for resuscitation interdisciplinary training strategies in the times of COVID-19