

Quick Shot Presentation

Multi-Faceted Child Passenger Safety Program

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Level I Adult/Level II Pediatric Trauma Center



Identifying Need

- ▶ Motor vehicle injuries are leading cause of death in United States (CDC)
- ▶ Unintentional motor vehicle traffic-related injuries are a leading cause of injury hospitalizations and death in New York City
- ▶ Maimonides Medical Center has the highest birth rate in New York State
- ▶ American Academy of Pediatrics: Hospital Discharge Recommendations for Safe Transportation of Children
 - ▶ Children's Hospital Association: Checklist for Hospital Discharge Recommendations for Safe Transportation of Children

Intervention Design

- ▶ Target Population
 - ▶ Parents/caregivers (in hospital and throughout the community), nurses and ancillary staff(NICU, Mother/Baby, Peds, PICU)
- ▶ Planning
 - ▶ Nursing buy-in, brochure construction, research planning/IRB approval, car seat grant acquisition, policy formation, child passenger safety technician and resource educator trainings
- ▶ Program objectives
 - ▶ Build a comprehensive program that properly educates parents/caregivers on child passenger safety

Program Implementation

- ▶ Implement a multi-faceted child passenger safety education program throughout our children's hospital
 - ▶ Staff education
 - ▶ Research (The Impact of Focused Child Passenger Safety (CPS) Education on Pediatric Nurse' Knowledge of CPS)
 - ▶ Policies
 - ▶ Discharge Education; Car Seat Distribution
 - ▶ Parent/caregiver education
 - ▶ Brochure, monthly education courses, resource educators and CPST's on units
 - ▶ Car seat distribution
 - ▶ State GTSC grant

Program Evaluation

- ▶ Education Evaluation
 - ▶ Nursing education
 - ▶ Pre/post-test design
 - ▶ Parent/caregiver education
 - ▶ Brochure distribution, class attendance/post-test
- ▶ Car Seat Distribution Evaluation
 - ▶ Data collected on seats given, demographics, class attendance, etc.

Program Outcomes

Nursing Education Outcomes

- ▶ 175 nurses educated
 - ▶ Preliminary data
 - ▶ Increase in nurses CPS knowledge level post-test
- ▶ Planned research publication

Successes/Barriers

- ▶ Timing
- ▶ Nursing administration buy-in
- ▶ Promotion