Quick Shot Presentation

An After-Hours Child Passenger Safety Resource Guide

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Identifying Need

- Texas law: children under 8 years old must be secured in an appropriate child safety seat system, using it according to manufacturer’s instructions, unless they are 4’ 9”.

- No child passenger safety resources and education available on nights and weekends for children in motor vehicle crashes.
  - Hospital Mission Statement

- New initiative: create a way for after-hours patients to receive child passenger safety resources after a motor vehicle crash

- Target population: children under 8, who present to ED after a motor vehicle crash, whose length of stay never overlaps with Injury Prevention or Safety Store hours
Intervention Design

- Engagement: Injury Prevention team partnered with ED leadership, nursing staff, and clinical assistants to set up new way to meet patient needs
- Type of intervention: Filling a gap in hospital services for a vulnerable population of children
- Contents of the guide
  - NHTSA Criteria for replacing a car seat
  - How to choose the correct seat
  - How to order seat from Supply Department
  - Documentation
  - Resources for family
Program Implementation

- Resource guide was placed in the Emergency Department with step-by-step guidance on providing a car seat to a patient in a motor vehicle crash after hours
- Communication with staff – email and staff meetings
- No budget
- Feedback from ED staff
- Stakeholders
  - ED Staff
  - ED Patients
  - Supply department
  - Injury Prevention
  - Hospital leadership
Program Evaluation

- Process – Placement of guide in ED, revision of information in guide
- Data collected
  - Cohort 1
    - Number of children who met criteria to be screened for a car seat with the resource guide: 113
    - 18% received a car seat using the guide
  - Cohort 2
    - Number of children who received a car seat using the guide: 20
    - 8 out of 20 who received a seat did not meet eligibility criteria
    - 90% (18/20) of children received the correct seat the guide suggested
- Descriptive statistics of each group
- Guide was being used for non-MVC children and children during business hours
Program Outcomes

- **Process**
  - Staff awareness of resource guide and how to use it
  - Communication with leaders in multiple departments

- **Findings**
  - Utilization is low, but accuracy is high
  - Resource guide was used during IP/Safety Store hours
  - Some children who received seats were not in an MVC

- **Limitations**
  - Turnover in ED, Time to appropriately document process in the guide
  - Unknown: # screened with the guide and denied needing a seat
  - Unknown: # of seats provided that were not documented in the guide

- **How other programs can adapt**
  - Senior leadership, Supply Department, & ED Staff buy-in
  - Leverage strengths from current hospital process