

**Title of Intervention:** Usefulness of Computerized Pediatric Motor Vehicle Safety Discharge Instructions

**Intervention Strategies:** Individual Education

**Purpose of the Intervention:** To modify parents' use of child restraint devices (CRDs)

**Population:** Guardians of children younger than eight years old

**Setting:** Academic pediatric emergency department; health care facility-based

**Partners:** Health care providers, local agency

**Intervention Description:**

- Individual Education: A summary of the motor vehicle child restraint device (CRD) recommendations from the National Highway Traffic Safety Administration (NHTSA) were included on computerized discharge instructions in the emergency department. A resource telephone number from a local agency was offered for additional information about child restraint devices.

**Theory:** Not mentioned

**Resources Required:**

- Staff/Volunteers: Not mentioned
- Training: Not mentioned
- Technology: Not mentioned
- Space: Not mentioned
- Budget: Not mentioned
- Intervention: Information on child restraint devices included on computerized discharge instructions
- Evaluation: Research staff to make phone calls to administer surveys, survey, phones

**Evaluation:**

- Design: Quasi-experimental, nonrandomized pilot using a convenience sample
- Methods and Measures: Enrolled subjects were contacted by phone within 96 hours and were questioned regarding the discharge instructions, child restraint device recommendations and the subjects' child restraint device use.

**Outcomes:**

- Short Term Impact: A majority remembered reading a safety tip in their computerized discharge instructions. Most of those who remembered a safety tip recalled that it pertained to motor vehicle safety. There was a strong level of interest for more information on child restraint devices. Ten percent said the computerized discharge instructions changed their behavior regarding buckling-up their child.
- Long Term Impact: Not measured

**Maintenance:** Not mentioned

**Lessons Learned:** This type of educational method could be extrapolated to other areas of injury prevention. Including child restraint information on computerized discharge instructions allows for extensive and economical dissemination of information to guardians.

**Citation(s):**

Zonfrillo, M.R. et al. (2003). "Usefulness of Computerized Pediatric Motor Vehicle Safety Discharge Instructions." *Acad Emerg Med* 10(10): 1131-1133.