Health Provider Guidance on Motor Vehicle Safety

Deena Liska, MA Ed.
Injury Prevention Program Manager, Teen Driving

Children’s Wisconsin
Session objectives

After attending this session participants will be able to:
• Describe the pilot design
• List the evidence-based strategies included in the intervention
• Identify possible strategies for application in their own practice
• Share survey tools and materials used in the intervention
We hypothesized that the delivery of a brief, standardized, evidence-informed piece of anticipatory guidance in the clinical care environment would increase parent knowledge, attitude, and behavioral intent around teen driver safety.
Pilot design

• Community Services Injury Prevention and Sports Medicine Concussion Clinic
• Visit type was “combined concussion appointment”
• Inclusion criteria was child aged 13-17, English-speaking, and primary caregiver present
• Nurse practitioner and athletic trainer initiated care with family
• Child was handed off to neuropsychologist for testing
• Parent/caregiver was handed off to injury prevention educator
• Educator delivered the intervention
• Parent/caregiver completed a retrospective pre/post survey and returned to waiting area
• Educator completed the encounter and recorded data
Intervention strategy

- Evidence-based components of the education included:
  - Awareness of the risk factors for teen drivers
  - Graduated Driver Licensing (GDL) knowledge
  - The importance of parent/caregiver involvement
  - The role of a parent/caregiver-teen agreement

- Guidance included verbal and written pieces, and opportunity for parent/caregiver discussion
Intervention materials

- Teaching sheet
- GDL wallet card
- Parent-teen agreement
- Pre/post survey
Results

- 25 cases met screening criteria
- 20 families completed education
- 2 families did not show
- 3 cases educator unavailable
- Child age range 13-17
- Average age 15.25
- 24 parents/caregivers reached
  - 13 moms
  - 3 dads
  - 4 were both mom and dad

Survey results indicate that:
- Parents felt their knowledge of crash risks and the GDL law increased
- Parents also felt more confident in their ability to enforce safe driving practices with their teen
Parent/caregiver survey results

- I understand common risk factors for new drivers.
- I understand how the GDL requirements reduce teen crash risk.
- I feel confident that I am able to enforce GDL requirements with my teen.
- I believe setting and enforcing limits through a contract can keep new drivers and passengers safe.
- I feel confident that I can talk with my teen about setting and enforcing driver and passenger expectations.
- I would recommend this information to other parents of teens.

© Children's Wisconsin
Qualitative feedback

- Many teens were in a driver education program, had instruction permit, or had recently received a probationary license
- 3 parents shared that their teen received a concussion as a result of a motor vehicle crash
- A number of parents reported themselves or the teen delaying licensure (for example anxiety or no desire)
- A few discussions about returning to/starting driving process after a concussion
- Parents “wished they had this for their other children”
- Several parents requested additional information: more wallet cards or contracts, additional fact sheets, questions about unresolved juvenile offenses
- Many parents shared their experiences with monitoring their child’s behavior/driving
- Educator witnessed parent sharing resources with teen
- Clinic staff approached educators with question/discussion about other patients
Identify possible strategies for application in their own practice

Key factors for success:
• Clinic was willing partner
• Information was timely for parent/teen
• Visit types were conducive to education
• Evidence-based strategies were used as the foundation
• Small bits of targeted information were delivered
• The call to action was clear and achievable
Next steps

• Revise project based on pilot
• Complete IRB process
• Train clinic staff
• Begin collecting data
Children’s Wisconsin

Kids deserve the best.
Please evaluate this presentation using the Lifesavers Conference Mobile App.

1. Select Sessions Icon
2. Select Applicable Track
3. Select Applicable Workshop
4. Click Rate Session Button (or Clipboard Icon)