

Name of Instrument: **Automobile Safety (Bucklebear)**

Interview Guide

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Contact Info:

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Private Use Cost: \$

Public Use Cost: \$

Year Developed: 1990

Where to obtain Instrument:

- Contact author

Description of the Instrument

- This interview guide was developed to collect data regarding the children's (age of child: 2.5 years to 5 years) knowledge of automobile safety.
- The guide consists of 8 questions designed to elicit information regarding the consistent use of seat belts, the safest place to sit in the car, and behaviours that are safe and nondistracting to the driver.
- Two points were awarded for each correct answer to the questions in the interview guide.

Form of instrument:

- Questionnaire/ Survey
- Safety Assessment Tools

Method of delivery:

- In-person interview/assessment

Relevance to injury/ Percentage of the instrument specific to injury

- To assess use of seat belts among children
- To assess if children can determine behaviours that may or may not lead to automobile injury.

Time to administer or complete the instrument

Methods of data analyses:

- Quantitative

Setting/sample instrument used in:

- 23 children: 14 boys, 9 girls. The interviews took place in a quiet area of the center with two investigators present for all interviews.

Was it pilot tested? Yes

Pilot test sample:

- Eight children, from another center, who were transported to the center by van and were required to wear seat belts.
- Based on their responses, certain questions were modified to lessen ambiguity. Prior to the pilot test, there were 16 questions in the interview guide.

Reliability Measures

- Two weeks following the completion of the 5-day educational program, the interview was repeated.
- Significant differences existed in the children's scores related to standing on the seat ($t = -2.47$, $df = 22$, $p = 0.02$) and crying or fussing when riding in a car ($t = -2.5$, $df = 22$, $p = 0.04$) and reflected their increased awareness that these behaviours are inappropriate.

Validity Measures**References**

Arneson, S.W., & Triplett, J.L. (1990). Riding with Bucklebear: An automobile safety program for preschoolers. Journal of Pediatric Nursing, 5(2), 115-122.

Other References

Keywords: seat belt, children, motor vehicle.