Pediatricians Not Savvy About Passenger Safety

BY KERRI WACHTER

WASHINGTON — Relatively few pediatric emergency physicians could correctly answer all questions regarding the American Academy of Pediatrics' child passenger safety recommendations, and these instructions are frequently not included in discharge instructions to parents, based on a survey of 274 physicians. Among all respondents, 36% correct-

ly answered all questions about AAP child passenger safety recommendations and 41% correctly answered all questions about indications to replace car seats after motor vehicle crashes, Dr. Mark R. Zonfrillo reported at the annual meeting of the American Academy of Pediatrics.

The researchers used an anonymous, cross-sectional survey of the 1,088 emergency medicine physicians. Participants were eligible if they were attending physicians who routinely treated children involved in motor vehicle crashes. A total of 274 physicians completed the surveys; 90% were board-eligible or board-certified in pediatric emergency medicine.

Survey questions addressed knowledge of age- and size-appropriate restraints, and indications to replace a car seat after a motor vehicle crash.

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Although relatively few responde: Identified in Phase 3 clinical trials in patients developing thrombocytopenia. Bleeding events were identified in thrombocytopenic patients in a compassionate use program for 2NV0X, the role of Inecutive Sine State Ceremined (See MARNIGS). Grewaled no substantial differences between 2YV0X and the comparators. These changes were generally not clinically significant, did not lead to discontinuation of therapy, and were reversible. The percent of adult patients with at least one substantially abnormal hematologic 'value in patients treated with ZYV0X 400 mg q12h or clarithromycin 250 mg q12h for uncomplicated skin and skin structure infections were as follows: hemoglobin (q/du U 3 and 0.c) patiete cared with ZYV0X 400 mg q12h or clarithromycin 250 mg q12h for uncomplicated skin and skin structure infections were as follows: hemoglobin (q/du U 3 and 0.c) patiete cared with ZYV0X 400 mg q12h or a comparator, the percent of adult patients with at least one substantially abnormal hemotomal serum (hemistry' value in patients treated with ZYV0X 40m gq t12h or a comparator were as follows: hemoglobin q/du 1 2 and 6.c plateter count x 107/mm³ 10 and 1.8 were (x 107/mm³ 0.2 and 0.2; linise (U/U 2 and 0.2; total bilirubin (mg/du 0.2; linise (U/U 2 & and 0.2; anytase (U/U 0.2 and 0.2; total bilirubin (mg/du 0.2; linise (U/U 2 & and 0.2; amytase (U/U 2 and 0.2; total bilirubin (mg/du 0.2; linise (U/U 2 & and 0.2; amytase (U/U 2 and 0.2; total bilirubin (mg/du 0.2; linise (U/U 3 & and 1.2; amytase (U/U 2 and 0.2; total bilirubin (mg/du 0.2; linise (U/U 3 & and 1.4; and reatinine (mg/du 0.2; and 0.6; plateter count (x 107/mm³) 0.0 and 6.8; kT (U/U 1.4; and 1.5; and reatinine (mg/du 0.2; and 0.6; plateter count (x 107/mm³) 0.0 and 6.8; kT (U/U 1.4; and 1.2; and 1.2; and 1.2; and 1.6; and 1.2; and

Yancomycin 1 g IV q12h.
The most commonly reported drug-related adverse events leading to discontinuation in patients treated with ZYVOX were nausea, headache, diarrhea, and vomiting.
Comparators included cefpodoxime proxetil 200 mg PO q12h; ceftriaxone 1 g IV q12h; dicloxacillin 500 mg PO q6h; oxacillin 2 g IV q6h; vancornycin 1 g IV q12h.
Patients 5 through 11 years of age received ZYVOX 10 mg/kg PO q12h or cefadroxil 15 mg/kg PO q12h. Patients 12 years or older received ZYVOX 600 mg PO q12h or cefadroxil 500 mg PO q12h.
Patients from birth through 11 years of age received ZYVOX 10 mg/kg IV/PO q8h or vancomycin 10 to 15 mg/kg IV q6-24h, depending on age and renal clearance.
*These reports were of 'red-man syndrome', which were coded as anaphylaxis.
*<75% (<50% for neutrophils) of Lower Limit of Normal (LLN) for values anormal at baseline.

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could answer all three questions on the AAP recommendations, 85% of the respondents affirmed that child passenger safety information should be included in a gold standard instruction sheet following a crash. In addition, 74% affirmed that indications to replace car seats after motor vehicle crashes should be included. There were no differences in child passenger safety knowledge based on gender, residency program, or years as an attending.

A total of 54 physicians identified themselves as division/department chiefs. Regarding practices in their emergency department, 80% of chiefs re-

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ported using template-based discharge instructions. Two-thirds (67%) reported using computer-based discharge instructions. In addition, 84% reported that it was possible to customize the computer-based discharge instructions.

However, when asked specifically about motor vehicle safety, 43% reported that they provided no specific motor vehicle safety guidance, 22% provided motor vehicle safety instructions that were not pediatric specific, and 29% provided specific pediatric vehicle safety guidance.

"However, there were a few interesting subanalyses," said Dr. Zonfrillo, who is a senior fellow in pediatric emergency medicine at the Children's Hospital of Philadelphia. Respondents were more likely to know when forward-facing car seats were appropriate if they had a child. They were more likely to know when a child could safely sit in the front seat if they had a child older than 8 years. About three-quarters of the sample had at least one child.

Respondents also were given the chance to specify additional information that they thought should be included in the child passenger safety information. Five major themes emerged: statistics on effectiveness, resources for subsidized/ free car seats, resources for non-English speakers, common errors in child passenger safety, and state passenger laws.

These results underscore the need for pediatric emergency physicians to maintain current knowledge about child passenger safety and to provide this information to families after the ED evaluation for motor vehicle crashes, Dr. Zonfrillo said.

Dr. Zonfrillo reported that he has no relevant financial relationships.

AAP publications on child passenger safety can be found at www.aap.org/ healthtopics/carseatsafety.cfm.

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