



AUTOMOTIVE SAFETY PROGRAM

Indiana University School of Medicine

Another Successful Clinic at the Indianapolis Zoo

Thanks to all the help from very dedicated technicians, instructors and volunteers as well as a partnership with the Indianapolis Zoo, the annual Indiana Injury Prevention conference clinic had yet another amazing turnout. The weather was beautiful, the spirits were high and the children left safely.



The free car seat clinic at the Indianapolis Zoo parking lot was from 5 – 7 pm on Thursday, June 6, 2013. There were 143 inspections done and 120 child restraints were provided to children of all ages. Much thanks to Dorel Juvenile Group for their generous donation of child restraints for this clinic.

Over 75 technicians, instructors, senior checkers, interpreters and volunteers devoted their time and skills to the success of the clinic and to assure all children left safer than they arrived. With the new partnership with RecycleForce in Indianapolis, there were over 75 child restraints kept out of the landfill due to this clinic.

The 2013 Indiana Injury Prevention Conference was hosted by Safe Kids Indiana and the Automotive Safety Program at a new location, the Alexander Hotel in downtown Indianapolis. Important topics were discussed this year including Indiana permanent fitting station data, industry hot topics, crash avoidance technology, hot button issues, new research in CPS, heatstroke prevention, and new products and updates from child restraint manufacturers.

For 17 years, Safe Kids Indiana and the Automotive Safety Program have honored individuals and organizations who have demonstrated extraordinary efforts in preventing injuries and deaths among Indiana’s children. This year, the following individuals were acknowledged at the conference award ceremony:

- Jayna Chenoweth of the Elkhart County Sheriff’s Department
- Lisa Mark of IU Health Methodist Hospital
- Kathy Casey of IU Health Hospital West
- Sharilyn Wagner of St. Francis Hospital
- NICU Nurses of Riley Hospital for Children at IU Health
- Craig Zollars of White River Township Fire Dept. (Connie K. Gibbs Award)

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Permanent Child Safety Seat Inspection Stations

During the second quarter of the 2012-2013 grant year (January – March) Indiana’s network of permanent child safety seat inspection stations reported a total of 2,062 inspections and distributed 777 car seats to children in need. In addition, 69 Project L.O.V.E. vouchers were redeemed.

Thanks to all those involved for your hard work and your dedication to child passenger safety!

Please join us in welcoming the following new sites to Indiana’s network of permanent child safety seat inspection stations:

- Griffith Police Department Lake County Coordinated by Paul Sines
- IU Health Southern Indiana Physicians Monroe County Coordinated by Jennifer Hacker

Visit <http://www.preventinjury.org/fittingStation.asp> for a complete listing of Indiana’s permanent child safety seat inspection stations.

Please contact Marnita Louzon at mlouzon@iu.edu or 1.800.543.6227 if you are interested in establishing a permanent child safety seat inspection station.

Tech Tidbits

BOOSTER SEAT USE SUBJECT OF RECENT NHTSA SURVEY

In April, 2013, NHTSA released “The 2011 National Survey of the Use of Booster Seats (NSUBS).” This nationwide child restraint use survey observed restraint use and interviewed adult occupants to collect race, ethnicity and other data. NSUBS found that in 2011, 47 percent of children ages 4 to 7 were restrained in booster seats compared to 41 percent in 2009. Also, in 2011 restraint use for children under 13 years of age increased to 91 percent from 89 percent in 2009. Some of the major findings from this survey include:

- 35 percent of children ages 4 to 7 in the United States were not properly restrained
 - ◊ 25 percent were restrained by seat belts
 - ◊ 10 percent were unrestrained
- Restraint use among Non-Hispanic Asian children increased from 80 percent in 2009 to 96 percent in 2011
- Restraint use was significantly lower among Hispanic children as opposed to Non-Hispanic children

To learn more about this study, go to <http://www-nrd.nhtsa.dot.gov/Pubs/811718.pdf>.

Tech Tidbits (cont'd)

INCREASE IN LIVES SAVED DUE TO OCCUPANT PROTECTION DEVICES

Each year, NHTSA's National Center for Statistics and Analysis (NCSA) estimates the number of lives saved by various occupant protection devices and laws, which includes seat belts, frontal air bags and child restraints among others. In April, 2013, NHTSA's Traffic Safety Facts, "Estimating Lives Saved by Electronic Stability Control, 2009-2011" was released. This information showed that electronic stability control (ESC) saved an estimated 1,045 lives among passenger vehicle occupants. This data shows a substantial increase over the estimated 876 lives saved in 2010 and the estimated 705 lives saved in 2009. The report details ESC by vehicle year and type and discusses some of the limitations of the study. To directly link to this report, visit: <http://www-nrd.nhtsa.dot.gov/Pubs/811750.pdf>.

This and That!

Evenflo recently sent out two updates to their instructions with retroactive status. In reference to the harness straps and their tightness, the statement now addresses the pinch test, "Check the harness near the shoulders for slack. You should NOT be able to pinch the harness..." Also, the instructions state that a child restraint should not be placed in an air-bag equipped position, "unless the air bag can be deactivated."

NHTSA recently announced their release of a new SaferCar app for Apple devices. The Android version of the app is still being developed. The app assists consumers with recalls, registering complaints, locating NHTSA's 5-star vehicle ratings system and location of the nearest fitting station from their mobile device. To view the press release, visit: <http://www.nhtsa.gov/About+NHTSA/Press+Releases/NHTSA+Unveils+%27SaferCar%27+App+for+iPhones>.

You can now register for the Kidz in Motion (KIM) Conference in Albuquerque, NM on Aug. 27-29, 2013, with pre-conference sessions on Aug. 26, 2013. To register, visit www.kidzinmotion.org.

A recent article in the *CPS Express!* addressed the question of whether solid pool noodles are better to use than regular pool noodles (with a hole in them). The article noted that there are no standards on pool noodles; however, some manufacturers such as Chicco do not want pool noodles used at all with their infant bases or convertible car seats. Be sure to follow manufacturer's instructions on pool noodle use, especially when installing a child restraint with adjustable feet or rear-facing only seats. Often pool noodles are not needed with these types of restraints. Keep in mind that using a rolled up towel may be easier and more convenient for a parent to use.

The Centers for Disease Control and Prevention (CDC) conducted the Indiana Youth Risk Behavior Survey (YRBS) to monitor student's health risks and behaviors in six categories; injury and violence, weight and diet, tobacco use, physical activity, sexual behaviors and alcohol and drug use. The survey is conducted every two years to Indiana students in grades 9-12. In 2011, the survey was conducted in 44 high schools and had 2,855 students participate. To find out more information, visit: <http://www.state.in.us/isdh/20627.htm>.

This and That! (cont'd)

NHTSA and the National Child Passenger Safety Board (CPSB) are in the early stages of revising the current CPS curriculum, due out in 2014. Some of the changes/updates they are considering are:

- ◇ Create videos that will show how to use less common seat belt systems
- ◇ Add new photos and videos and make curriculum more colorful and inviting
- ◇ Improve text and wording throughout the course to make it consistent
- ◇ Correspond curriculum and NHTSA and AAP best practice statements
- ◇ Update data and statistics
- ◇ Include information on new safety technology
- ◇ Reorganize order of teaching restraint features from most to least common as found in the field
- ◇ Revise the CPS renewal course content at the same time to keep the classes similar

Also, on January 1, 2014, certification course fees will increase from \$75 to \$85. This change will be used to cover the cost increases for printing, shipping, customer service and making improvements to the online system. Recertification fees will remain the same at this time.

Safe Ride News recently updated their Fact Sheets, which covers 27 different CPS topics. Some of the subjects in the fact sheets include:

- ◇ CR expiration
- ◇ Air bag warning messages
- ◇ Weight limits for CRs
- ◇ Small infant issues
- ◇ Guidance for stage transitions

Visit www.saferideneews.com to order your copies of the revised Fact Sheets.

Clek has a recycling program for all of their child restraints. They report that all parts of their CR models are recyclable and they will handle the recycling process. The necessary steps include:

- ◇ Box the CR
- ◇ Contact Clek online or call 1-866-656-2462 to make arrangements to get a shipping label
- ◇ Pay the \$20 fee to Clek – a \$20 coupon will be given to the consumer to go toward a Clek product online
- ◇ Take the box to a UPS store

The 2013 Kidz In Motion (KIM) Update PowerPoint curriculum is now available for purchase via CD or DropBox. The CD is \$30 and the DropBox is \$20. The curriculum is designed to be taught to a group of certified technicians, instructors and instructor candidates in a classroom setting. Some of the information on this curriculum includes an overview of new technology, LATCH issues, issues with head restraints, airbag technology, inflatable restraints, highlights of the NHTSA CPS curriculum and other CPS related information. This curriculum is valid for use until Feb. 28, 2014.

The Road Safety General Regulations Act was passed in Uruguay on Dec. 26, 2012, which makes child restraint systems mandatory in all private vehicles transporting children and adolescents. Safe Kids Uruguay/Fundacion Gonzalo Rodriguez (FGR) has been promoting this Act since 2007. Safe Kids Uruguay/FGR have worked toward behavioral and cultural change through various actions including collaboration with public and private agencies, training and distribution of safety information, public service campaigns and research.

This and That! (cont'd)

According to a Safe Kids report on the safety of kids as pedestrians, an estimated 61 children each day in the U.S., aged 19 and under, are injured as pedestrians. In an effort to reduce pedestrian fatalities, NHTSA is proposing that electric or hybrid cars make some sound as they are nearly silent when traveling at a low speed, which can make it difficult for pedestrians to hear them when they are approaching. You can view this document in more detail at:

<http://www.regulations.gov/#!documentDetail;D=NHTSA-2011-0148-0075>.

Recently on the CPSListserv, a technician indicated that she worked with a mother to install a child restraint in the middle seating position; however, no matter how much they tried to get the correct angle, the level indicator showed that the seat was too reclined. The technician wanted to know the dangers of having a child restraint too reclined. According to a statement by the Manufacturers Alliance for Child Passenger Safety (MACPS), “Recline indicators on child restraints are set by the individual manufacturer based on protection of the child and performance of the CRS in crash testing. The recline indicator on a child restraint should always be followed. If there is a compatibility issue with the recline indicator, the specific CR manufacturer should be contacted. Never go against the recline indicator without written permission from the CR Manufacturer.” To see more MACPS statements for CPS technicians and instructors, visit <http://www.saferideneews.com/srndnn/LinkClick.aspx?fileticket=zNnkSQCE0ks%3d&tabid=352>.

The Children’s Hospital of Philadelphia Center for Injury Research and Prevention (CIRP@CHOP) has a blog on their website covering many different safety topics, including child passenger safety. Recently, the following topics have been covered in their various blogs:

- ◇ A Global Perspective on Child Passenger Safety – discusses how CPSTs need to take caregiver’s beliefs and motivations into consideration when delivering their CPS message.
- ◇ Over the Top – The Case for the Tether – emphasizes the importance of top tether use and notes recent studies from the Insurance Institute of Highway Safety (IIHS) and the Center for Injury Prevention Studies.
- ◇ Reaching the Remaining 35 Percent of Sub-Optimally Restrained Children – covers the National Survey on Use of Booster Seats (NSUBS) and a recent social marketing campaign that CIRP@CHOP developed and evaluated called Boosting Restraint Norms.
- ◇ Topics from Advances in Child Injury Prevention – provides an overview of the Advances in Child Injury Prevention (ACIP) conference that was recently held in Plymouth, MI. The blog discussed some of the topics covered in this conference including, injury risk to children in rollover crashes, rear seat occupant protection, child comfort in child safety seats, fit of the child restraint systems in the vehicle, comparing the use and performance of crash test dummies and pediatric biomechanics.
- ◇ Using the Lab to Improve Tools for Child Restraint System Safety Design – discusses the differences between the FMVSS 213 regulatory bench sled test and real vehicle seats.
- ◇ Putting the Rear Seat First – provides information about CIRP@CHOP’s release of “CPS Issue Report: Optimizing the Rear Seat for Children.”
- ◇ A Snapshot of Child Restraint Misuse – discusses CRS misuse in the United States.

To read these blogs and to learn more about CHOP’s Center for Injury Research and Prevention, visit <http://injury.research.chop.edu/>.

This and That! (cont'd)

NHTSA has a new monthly newsletter called “Safety in Numbers.” The first issue discusses why the use of electronic devices while driving is a serious safety problem. To subscribe to this newsletter and to view other safety topics on NHTSA’s website, visit <http://www.nhtsa.gov/nhtsa/Safety1nNum3ers/index.html>.

The National Child Passenger Safety Board recently launched their newly designed website at www.cpsboard.org. The look was changed to be more modern; however, it contains the same resources for CPS technicians and instructors as before. The site also has a new “CPS Community” section with information in the field of CPS for the general public and the media. Later this year, the site will have training videos available and when released, will have the updated CPS Curriculum.

Safe Ride News has released the second edition of *The School Bus Safety Handbook: Choosing and Using Child Safety Restraint Systems and Wheelchairs*. This edition is updated to reflect current products, practices and regulations. You can also find information about use and maintenance of child restraint systems and a section about wheelchairs on school buses. The price is \$31 and includes shipping. To learn more about this handbook and for ordering information, visit <http://www.saferidenews.com/srndnn/>.

New and updated course materials for *Operation Kids: Next Generation – Child Passenger Safety Basic Awareness Course* is available at <http://cpsboard.org/tech-instructor-curriculum/operation-kids/>. This course is developed for community outreach by CPSTs to increase awareness about CPS for anyone who has not yet become a CPST. The intended audience for this curriculum is law enforcement personnel, health care providers, child care providers, fire and rescue professionals and military personnel. This is not a certification course and can be taught by any certified CPS technician.

The American Academy of Pediatrics’ (AAP) healthychildren.org website is now available in Spanish. Some of the information provided in Spanish on the website includes:

- ◇ KidsDoc Symptom Checker
- ◇ Ask the Pediatrician
- ◇ Find a Pediatrician
- ◇ Ages & Stages
- ◇ Healthy Living
- ◇ Safety & Prevention
- ◇ Health Issues

To learn more, visit www.healthychildren.org.

The 2013 *DVD of Child Restraint Manufacturers’ Instructions* from SafetyBeltSafe U.S.A. is now available for \$20 each for fewer than 100 orders. The DVD includes manufacturer’s instructions for 342 child restraints available for the past 10 years (through December, 2012). The DVD also has summary sheets for each child restraint which includes key points that can be found quickly. Please remember that the summary sheets are not a substitute for the instructions. Also, the *Color Pictorial Guide* has been updated and includes photographs for almost every child restraint made since 2003. The guide allows users to identify unlabeled seats in order to find information about instructions, age, recall history, etc. The guides are available as a print-out (\$50 plus \$17 shipping) or under license at \$30 per each permitted printout, up to 9 copies. For more information, visit www.carseat.org.

NEW PRODUCTS

Recaro Performance RIDE Convertible

- Rear-facing: 5-40 lbs.
- Forward-facing: 20-70 lbs.
- Twist-resistant HERO technology
- Racing-inspired side impact protection
- No re-thread harness
- Knob headrest adjust
- QuickPull front adjust harness
- MSRP: \$299.99
- www.recaropromotion.com



Safety 1st Advance 70 Air + Convertible

- Rear-facing: 5-40 lbs.
- Forward-facing: 22-70 lbs.
- Air Protect side impact protection
- GCell HX foam
- 4-position recline
- Color-coded belt paths
- 10-position headrest
- No re-thread harness
- MSRP: \$189.99
- www.djgusa.com



NEW PRODUCTS (CONT'D)

Britax Frontier 90 Combination

- Forward-facing harness: 25-90 lbs.
- Booster: 40-120 lbs.
- ClickTight Installation System
- Tangle-free, 5-point harness
- 9-position adjustable headrest
- Front-adjust recline
- No re-thread harness
- Color-coded belt guide
- Two buckle positions
- MSRP: \$329.99
- www.britaxusa.com



Britax Pioneer 70 Combination

- Forward-facing harness: 25-70 lbs.
- Booster: 40-110 lbs.
- Tangle-free, 5-point harness
- 7-position adjustable headrest
- Front-adjust recline
- No re-thread harness
- Color-coded belt guide
- Two buckle positions
- MSRP: \$229.99
- www.britaxusa.com



NEW PRODUCTS (CONT'D)

Recaro Performance SPORT Combination

- Forward-facing harness: 20-90 lbs.
- Booster: 30-120 lbs.
- Twist-resistant HERO technology
- No re-thread harness
- QuickFlip recline mechanism
- Seat weight 22 lbs.
- MSRP: \$249.99
- www.recaropromotion.com



Mark Your Calendar

2013 Refresher Courses

Friday, July 12, 2013
Eykamp Scout Center
Evansville, IN
8:30am to 5:00pm (CST)
Contact:
April Brooks - (317) 274-8380 apbrooks@iu.edu
Marnita Louzon - (317) 274-6718 mllouzon@iu.edu

Tuesday, July 30, 2013
Occasions Banquet Hall
Shelbyville, IN
8:30am to 5:00pm (EST)
Contact:
April Brooks - (317) 274-8380 apbrooks@iu.edu
Marnita Louzon - (317) 274-6718 mllouzon@iu.edu

Safe Travel for All Children: Transporting Children with Special Healthcare Needs

August 14-15, 2013*
Riley Hospital for Children
Indianapolis, IN
Cost - \$300.00
Contact: Bryanna Grant - (800) 755-0912
bgrant2@iuhealth.org
*Registration deadline is July 18, 2013

9th Annual Kidz In Motion (KIM) Conference

August 27-29, 2013
Hyatt Regency Tamaya Resort & Spa
Albuquerque, NM
National Conference Dedicated to
Child Passenger Safety Professionals
www.kidzinmotion.org

National Child Passenger Safety (CPS) Week

September 15-21, 2013

2014 Lifesavers Conference

April 27-29, 2014
Gaylord Opryland
Nashville, TN
National Conference on Highway Safety Priorities
www.lifesaversconference.org

A NEWSLETTER DEDICATED TO PROVIDING INFORMATION, NEWS AND OPINIONS ON AUTOMOTIVE SAFETY

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