In February 2017, the “Roll Call” video was finalized and posted on YouTube as a resource for law enforcement officers. The video reviews IC9-19-11 Passenger Restraint Systems for Children and shows examples of violations that can be easily identified during traffic stops.

The Roll Call video would not have been possible without the officers and families who participated and without the support of ICJI. In recognition of their stellar talents, the Automotive Safety Program would like to thank the following officers and families:

Matthew Ault, Vincennes Police Department;
Robert Duckworth, Decatur Township Sheriff’s Department; Ken Havlin, Michigan City Police Department; Eric Perkins, Indiana State Police; John Perrine, Indiana State Police; the Duckworth family; the French family; the Garcia family; the Rollins family; the Stuckman family; and Kori Hartsough.

The video, although developed to assist officers enforce the law and issue Project L.O.V.E. vouchers to offenders, can also serve as a brief review for CPSTs. The video link is:

https://www.youtube.com/watch?v=3BztKzxM2gk&feature=youtu.be
SAFE KIDS WORLDWIDE REPORTS BARRIERS TO RECERTIFICATION

In March, Safe Kids Worldwide released the results of a survey of child passenger safety technicians who let their certification lapse in 2016. Of 7890 ex-technicians contacted, 943 (12%) responded and answered questions about why they did not recertify. According to the survey, the primary reasons technicians did not recertify were a change in job (32%), community event requirement (25%), seat check requirement (23%), CEU requirement (13%) and recertification fee (4%).

In Indiana, 29 of 190 ex-techs responded. The primary reasons Indiana techs did not recertify were a change in job (21%), seat check requirement (21%), community event requirement (14%) and CEU requirement (7%). Of the remaining 37%, each technician gave a different response.

NEW TRANSPORTATION GUIDELINES FOR CHILDREN IN AMBULANCES

On March 8, 2017, the National Association of EMS State Officials (NAEMSO) Safe Transport of Children Ad Hoc Committee released interim guidelines that advocate for the development of crash test standards for transporting children in ambulances. In the absence of safety standards specifically for pediatric transport and funding to develop those standards, the Ad Hoc Committee issued recommendations for EMS providers, which included:

- Develop policies and procedures specific to pediatric transport that address equipment and securement methods.
- Prohibit children from being transported unrestrained, held in arms of on the lap of an adult.
- Take into account how to handle different transport situations: multiple patients; uninjured and not ill as opposed to injured or ill; and equipment securement.
- Have child restraints available that cover a weight range between 5 and 99 pounds and use in the position for which designed.

Voluntary testing standards are already available for cot integrity, cot securement, patient restraint on cots, seating and occupant restraint (adults), and equipment securement in the patient compartment. As more products that meet these standards become available, some pediatric transport is likely to be improved. For example, crashworthy cots will provide a stable platform for use of some child restraints.

Dr. Marilyn Bull, founder and co-medical director of the Automotive Safety Program, has long been a proponent of safe transport of children in ambulances. Her research in the field has been instrumental in bringing attention to the gaps in protection in the patient compartment. She is considered a leader in the field and is a member of the NAEMSCO Safe Transport of Children Ad Hoc Committee.

The weather is warmer, which means more children playing outside. During this time of year, it is essential that drivers, parents and caregivers are hyper aware of where children are playing. Safe Kids Worldwide and the National Highway Transportation Safety Administration suggest the following safety tips to keep children safe in and around cars in driveways, parking lots, etc.:

- Teach children not to play in or around cars.
- Before backing up, always walk around your vehicle and check the area around it.
- Kids are unpredictable, you should actively check your mirrors while backing up.
- Do not rely solely on technology to detect what is behind your vehicle. Many cars are equipped with detection devices that provide rearview video or warning sounds, but they cannot completely take the place of actively walking around your car.
- Limit play in the driveway.
- Have a set spot where children are to stand if they are outside where a driver can see them if they are backing up. If the driver does not see the children, they do not move.

In February, Co-Medical Director of the Automotive Safety Program, Dr. Joseph O’Neil and Safe Kids Indiana Coordinator, Marsha French worked with WTHR to do a short demonstration on just how easy it is to miss children behind cars. To view the story visit: [http://www.wthr.com/article/spot-the-tot-program-aims-to-prevent-driveway-tragedy](http://www.wthr.com/article/spot-the-tot-program-aims-to-prevent-driveway-tragedy). For more information or Spot the Tot stickers, contact Marsha French, mwheatcr@iu.edu or 317-274-6718.
2017 Indiana Injury Prevention Conference Returns to IUPUI Campus

The 2017 Indiana Injury Prevention Conference will take place on June 22 and June 23 at the IUPUI University Tower and Hine Hall. For those of you who have been attending the conference for a while, you will recognize the venue as the University Place Conference Center. Although the facility no longer has lodging, it still offers meeting spaces. The Automotive Safety Program staff hopes you will be able to join us this year.

For more information visit www.preventinjury.org. To register click here.

For questions, contact Marsha French via email mwheatcr@iu.edu or phone 317-274-6718.

Car Seat Companies Leave U.S. Market

A few car seat companies are no longer offering their products in the U.S. and Canada. RECARO, Orbit Baby and Team-Tex America have discontinued sales in North America. Existing inventory, however, is still available until depleted. RECARO will honor its one year warranty and provide customer service for products being used. Call 888-973-2276 or visit http://us.recaro-cs.com/contact.

Orbit Baby has sold its brand assets and product tooling to a South Korean company. Orbit Baby will honor its two year warranty and provide customer service by email (support@orbitbaby.com) or phone (877-672-2229). Team-Tex America, which was the U.S. distributor for Nania car seats, will still offer car seats through some car seat vendors, such as Prevention Alternatives (517-927-7731).
Crash Test Family Grows

Although American waistlines and life spans have increased, crash test dummies have stayed the same. Since age, size and shape can affect the severity of crash-related injuries, it’s important to have realistic representations of these at-risk groups.

A 2013 study from UC Berkeley found obese drivers are up to 78% more likely to die in a car crash. They also experience a higher incidence of severe lower extremity injuries due to submarining under poorly fitting lap belts. Elderly drivers are at increased risk of chest injuries due to age-related changes to the chest.

Thanks to Dr. Steven Wang, University of Michigan trauma surgeon, and engineers at global manufacturer Humanetics, new prototype crash test dummies have been designed to represent a 273-pound occupant and a 70-year-old, overweight woman. These dummies will help researchers determine crash-related outcomes and interventions for older, heavier and obese Americans.


Car Seats and In-Flight Injuries to Children

Using car seats on airplanes is recommended as a way of protecting children from turbulence-related injuries. A recent study of in-flight injuries suggests car seats may also help prevent injuries such as scalding burns, cuts, contusions and closed-head injuries.

The researchers reviewed electronic records of all in-flight medical incidents between Jan. 1, 2009—January 1, 2014, which were reported to the world’s busiest ground-based medical support center. Of the in-flight emergencies reported, 10.7% (12,226) occurred to children with 400 contributed to injuries. These injuries resulted from falls from the seat or bassinette or were related to a child moving unrestrained about the cabin. Although the average age of injured children was three, infants under 24 months were over-represented, accounting for 36% of the injuries.

The study concluded that in-flight injuries to children could be minimized if children were restrained in car seats for as much of the flight as possible. It also found that children at or closer to the aisle were more at risk of injuries such as burns from hot drinks being served or trauma from overhead bin items falling.

The study, published by Pediatric Emergency Care, can be accessed online at www.cpsboard.org under Board Quick Links.
New LATCH Manual Available

The 2017 LATCH manual is now available. This resource is a must for CPSTs and contains information on major changes to manufacturers instructions for lower anchor and tether use. The cost is $44 per manual, which includes shipping. Quantity discounts are available. Order forms can be downloaded at www.saferidenews.com.

2017 Child Restraint Manufacturers’ Instructions and with Summaries DVD Available

Another must for CPSTs is the Child Restraint Manufacturers’ Instructions with Summaries DVD from SafetyBeltSafe U.S.A. The DVD contains complete manufacturers’ instructions for child restraints from the last ten years, including 25 special needs restraints. Especially helpful are the summaries written by SafetyBeltSafe U.S.A. These summaries highlight important use and installation information. The cost of each DVD is $20. Discounts are available for quantities of 100 or more. More information can be found at http://www.safetybeltsafeusa.org.

GM Expands Rear Seat Reminder Technology

GM originally introduced the Rear Seat Reminder with the 2017 GM Acadia. It has since expanded to include several other 2017 GM models including the Buick Lacrosse, Cadillac CTS6, Cadillac Escalade, Cadillac Escalade ESV, Chevrolet Colorado, Chevrolet Cruze and Cruze Hatchback, Chevrolet Malibu, Chevrolet Silverado, Chevrolet Suburban, Chevrolet Tahoe, GMC Canyon, GMC Sierra, GMC Yukon, and the GMC Yukon XL. GM plans to further expand the Rear Seat Reminder to additional models in 2018.

The Rear Seat Reminder works by alerting the driver to look in the rear seat when the vehicles rear doors have been opened and closed within 10 minutes prior to starting the vehicle or if the doors have been opened and closed once the vehicle engine is running. When the vehicle is turned off, the vehicle will sound a series of five chimes and display a reminder on the instrument panel display to look in the rear seat.
NEW PRODUCTS

Graco SnugRide SnugLock 35

- SnugLock feature in base for three-step installation with seat belt or lower anchors
- 4-35 lbs. and up to 32 inches
- Harness and headrest adjust together
- 1-hand adjustable handle
- MSP: $249.99

Chicco Fit2 Rear-Facing Infant & Toddler Car Seat & Base

- Two-stage base converts from infant to toddler position for extended rear-facing use
- 0-12 mos./Infant position: 4-35 lbs. and up to 35 inches
- 9-24 mos./Toddler position: 15-35 lbs. and up to 35 inches
- 7 position head rest
- Head and body supports for smaller babies
- MSP: $279.99
NEW PRODUCTS

Evenflo Sonus 65 Convertible
- Reinforced frame allows FF up to 65 lbs.
- RF 5-40 lbs., 19-40 inches
- FF 22-65 lbs., 28-54 inches
- FF at least 2 years old
- Rollover and side impact tested
- Built-in ventilation
- MSP: $100

Evenflo Stratos Convertible
- Reinforced frame allows FF up to 65 lbs.
- RF 5-40 lbs., 19-40 inches
- FF 22-65 lbs., 28-54 inches
- FF at least 2 years old
- Adjustable headrest
- Flip foot within flip foot to eliminate use of foam noodle
- Rollover and side impact tested
- Built-in ventilation
- MSP: $130-$150
NEW PRODUCTS

Maxi Cosi Vello 70 Convertible

- RF 9-40 lbs.
- FF 22-70 lbs.
- Inserts for smaller babies
- One-hand headrest and harness adjustment
- Air Protect
- Deep rear facing adjustment for easier RF installation
- Seat pad unsnaps; machine washable and dryer safe
- MSP: $229.99-$249.99

Maxi Cosi Pria 85 Max Convertible

- RF 5-40 lbs.
- FF 22-85 lbs.
- Inserts for smaller babies
- ClipQuik auto-magnetic chest clip; easy for child to connect but more difficult to undo
- One-hand headrest and harness adjustment
- Air Protect
- Harness holders
- Flip away buckle
- Deep rear facing adjustment for easier RF installation
- Seat pad unsnaps; machine washable and dryer safe
- MSP: $349.99
**NEW PRODUCTS**

**Graco 4Ever Extend2Fit**
- From “baby to booster”
- Combines Extend2Fit convertible seat with 4Ever combination seat
- 10 year expiration date
- 4 position extension panel adds up to 5” of leg room for extended rear facing
- RF 4-50 lbs.
- FF 22-65 lbs.
- Highback 40-100 lbs.
- Backless 40-120 lbs.
- MRP: $349.99

**Diono Monterey XT Booster**
- Expandable height, 11 position headrest
- Expandable width up to 20 inches at shoulders
- Converts to backless booster
- 40-120 lbs. and 38 to 63 inches
- Long seat bottom for extra support
- Optional LATCH keeps seat in position
- Packs flat for travel and storage
- MSP: $99
NEW PRODUCTS

**Evenflo Spectrum Belt-Positioning Booster**
- 40-110 lbs. and 44-57 inches
- At least 4 years old
- Converts to backless booster
- Advanced compression technology
- Ergonomic armrests in front of lap belt path; minimizes chance of shoulder belt over armrest
- MSP: $60

**Diono Hip Belt-Positioning Booster**
- Available exclusively at Walmart
- 40-120 lbs. and up to 63 inches
- Converts to backless booster
- Full body side impact protection
- Reinforced head support
- Six height positions
- Integrated cup holders
- MSP: $59.88
NEW PRODUCTS

Chicco GoFit Backless Booster
- 40-110 lbs. and at least 4 years old
- Shoulder belt adjuster strap
- Collapsible cup holders
- MRP: $39.99

RECALLS

BABY TREND

Models: HYBRID LX 3-IN-1

Noncompliance: Baby Trend, Inc. (Baby Trend) is recalling certain Hybrid LX 3-in-1 Centennial booster seats, model number FB58181, manufactured on July 23, 2016, and Hybrid LX 3-in-1 Kiwi booster seats, model number FB48417, manufactured on July 14, 2016. The affected child seats have a center adjuster rivet that may pull through or break if the harness is being used with a child weighing more than 40 lbs. As such, these child seats fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) number 213, "Child Restraint Systems."

Consequence: In the event of a crash, the child seat occupant is at an increased risk of injury.

Corrective Action: Baby Trend will notify owners and replace the child seat or provide a full refund. The recall began on February 13, 2017. Owners may contact Baby Trend customer service at 1-800-328-7363.
4MOMS

Models: Self-Installing Rear-Facing Infant Car Seat

Noncompliance: On January 10, 2017, 4MOMS issued a voluntary recall for seats manufactured between July 1, 2016 – October 31, 2016 to notify owners of a potential issue with the infant carrier’s coupling hooks – the hooks that lock the carrier into the base. In some carriers, the coupling hooks have been improperly riveted, potentially causing them to stick and fail to attach to the car seat base. This defect has only been observed after extended use and testing, and there have been no reported injuries.

Consequence: In the event of a crash, the carrier could detach from the base putting the occupant in danger.

Corrective Action: If affected, the company will replace the carrier at no charge. While waiting for the replacement carrier, owners can install their current carrier without the base. They can also manually check that the hooks on the carrier lock into the base by lifting up on the carrier handle to ensure it’s secure before every trip. Owners may contact the Customer Care Team at 1-888-614-6667 during business hours (Mon-Fri; 9 AM – 5 PM ET) or visit https://www.4moms.com/recalls to see if their carrier has been recalled.

BRITIX CLICK AND GO

In February 2017, Britax announced a recall of all Britax B-Agile and BOB Motion strollers when using the Click and Go receivers when using as a travel system (car seat attached to stroller frame). The recall comes as a result of reports of damaged Click & Go receiver mounts on the stroller frame, which can cause a fall hazard to infants in the car seat. Britax has asked individuals to immediately stop using the B-Agile and BOB Motion stroller as a travel system, but has stated that the stroller is safe to use in the recline-mode for infants. More information about the recall as well as instructions for obtaining a repair or replacement kit can be found at https://us.britax.com/service-support/safety-notices/b-agile-and-bob-motion-strollers-2017/
CHILD PASSENGER SAFETY TECHNICIAN TRAININGS

April 19, 20, 21, 2017  LAKE COUNTY
St. John Fire Department
Registration Fee: $85
Contact: Kevin LaDuke, kladuke@lofsfire.com

April 20-21/24-25, 2017  MARION COUNTY
Riley Hospital for Children at IU Health
Registration Fee: $85
Contact: Michelle Chappelow, mchappel@iuhealth.org

April 20, 21, 27, 28, 2017  ALLEN COUNTY
Dupont Hospital
Registration Fee: $85 Additional Local Fee: $60
Contact: Jason Bohde, jbohde1@comcast.net

April 27,28, May 5, 6, 2017  ST. JOSEPH COUNTY
Mishawaka Fire Station
Registration Fee: $85
Contact: Wendy Nash, wendals2226@yahoo.com

May 1,2 ,3, 2017  WARRICK COUNTY
St. Mary’s Warrick
Registration Fee: $85
Contact: Teresa Cooper, tacoooper@stmarys.org

May 4, 5, 8, 9, 2017  LAPORTE COUNTY
Michigan City Fire Department
Registration Fee: $85
Contact: Susan McLain, soup1963@gmail.com

May 8, 9, 10, 11, 2017  MARION COUNTY
BABE Store Distribution Center
Registration Fee: $85
Contact: Erin Kuroiwa, erinkuroiwa@outlook.com

May 11,12, 15, 16, 2017  MARION COUNTY
Riley Hospital for Children at IU Health
Registration Fee: $85
Contact: Michelle Chappelow, mchappel@iuhealth.org

May 18, 19, 20, 21, 2017  MARION COUNTY
BABE Store Distribution Center
Registration Fee: $85
Contact: Erin Kuroiwa, erinkuroiwa@outlook.com

May 22, 23, 2017  MARION COUNTY
Riley Hospital for Children at IU Health
Registration Fee: $85
Contact: Michelle Chappelow, mchappel@iuhealth.org

May 25, 26, 27, 2017  MARION COUNTY
BABE Store Distribution Center
Registration Fee: $85
Contact: Erin Kuroiwa, erinkuroiwa@outlook.com

May 29, 30, 31, 2017  MARION COUNTY
Riley Hospital for Children at IU Health
Registration Fee: $85
Contact: Michelle Chappelow, mchappel@iuhealth.org

June 1,2 ,3, 2017  WARRICK COUNTY
St. Mary’s Warrick
Registration Fee: $85
Contact: Teresa Cooper, tacoooper@stmarys.org

June 4, 5, 8, 9, 2017  MARION COUNTY
BABE Store Distribution Center
Registration Fee: $85
Contact: Erin Kuroiwa, erinkuroiwa@outlook.com

June 12, 13, 14, 15, 2017  MARION COUNTY
Riley Hospital for Children at IU Health
Registration Fee: $85
Contact: Michelle Chappelow, mchappel@iuhealth.org

June 19,20,26, 27, 2017  MORGAN COUNTY
Martinsville Fire Dept.
Registration Fee: $85
Contact: Jennifer Hacker, jhacker3@iuhealth.org

June 22, 23, 2017  MARION COUNTY
BABE Store Distribution Center
Registration Fee: $85
Contact: Erin Kuroiwa, erinkuroiwa@outlook.com

June 26, 27, 2017  MARION COUNTY
Riley Hospital for Children at IU Health
Registration Fee: $85
Contact: Michelle Chappelow, mchappel@iuhealth.org

June 29, 30, 2017  MARION COUNTY
BABE Store Distribution Center
Registration Fee: $85
Contact: Erin Kuroiwa, erinkuroiwa@outlook.com

CONFERENCEs

Indiana Injury Prevention Conference
June 22-23, 2017
University Tower/Hine Hall
Indianapolis, IN
Contact: Marsha French, mwheatcr@iu.edu
www.preventinjury.org

Safe Kids Worldwide Injury Prevention Conference (PREVCON)
July 26-29, 2017
Baltimore, MD
www.prevcon.org

13th Annual Kidz In Motion (KIM) Conference
August 30 — September 2, 2017
Omni Interlocken Hotel — Broomfield, CO
National Conference Dedicated to Child Passenger Safety Professionals

The Automotive Safety Program is dedicated to ensuring that all vehicle occupants in Indiana are transported safely.
The Program is funded by the Indiana Criminal Justice Institute.