

# NEWSLETTER

January 2007



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**Product Liability ♦ Vehicular Accident Reconstruction ♦ Premise Liability**  
**Mechanical, Electrical, Civil, Chemical, Biomechanical, Metallurgical, Structural**

This newsletter is brought to you by Florida Forensic Engineering, Inc. as a service to our valued clients and other professionals with whom we hope to establish a business relationship. Every month, we will bring you news, reviews, article summaries, company information, and recent developments in the field of forensic engineering!

### Recent Forensic and Safety Articles

Many times throughout the research process we run across articles that we identify as possible sources of information. We believe that some of these would broaden your knowledge of recent forensic engineering research and possibly provide you with information for one of your cases.

Shown below are **Titles of recent articles and their source** in the area of slip and fall-premise liability, motor vehicle accidents, product liability, and biomechanics.

*If you desire an abstract for any of these, please contact us.*

## MOTOR VEHICLE ACCIDENTS:

### ▶ **Determining older driver crash responsibility from police and insurance data**

*Langford J, Koppel S, Andrea D, Fildes B. Traffic Injury Prev 2006; 7(4): 343-51.*

### ▶ **A recommended specification for heavy vehicle rear underrun guards**

*Atahan AO. Accid Anal Prev 2006; ePub(ePub): ePub.*

### ▶ **A crash-prediction model for multilane roads**

*Caliendo C, Guida M, Parisi A. Accid Anal Prev 2006; ePub(ePub): ePub.*

### ▶ **Injuries from motor-vehicle collisions with animals**

*Centers for Disease Control and Prevention. MMWR Morb Mortal Wkly Rep 2006; 55(47): 1272-4.*

### ▶ **Practical Method for Estimating Frequency of Right-Angle Collisions at Traffic Signals**

*Songchitruksa P, Tarko AP. Transp Res Rec 2006; 2006(1953): 89-97.*

▶ **A decision-based criterion for selecting parameters in the evaluation of pedestrian safety problems with the traffic conflict analysis technique**

*Pietrantonio H, Tourinho LFB. Transp Plan Tech 2006; 29(3): 183-216.*

▶ **Driver-training and emergency brake performance in cars with antilock braking systems**

*Petersen A, Barrett R, Morrison S. Safety Sci 2006; 44(10): 905-917.*

## **BIOMECHANICS:**

▶ **Breathing difficulty and tinnitus among children exposed to airbag deployment**

*Mittal MK, Kallan MJ, Durbin DR. Accid Anal Prev 2006; ePub(ePub): ePub.*

▶ **Cervical spine injuries in pediatric athletes: mechanisms and management**

*Jagannathan J, Dumont AS, Prevedello DM, Shaffrey CI, Jane JA. Neurosurg Focus 2006; 21(4): e6.*

▶ **Neural response of cervical facet joint capsule to stretch: a study of whiplash pain mechanism**

*Lu Y, Chen C, Kallakuri S, Patwardhan A, Cavanaugh JM. Stapp Car Crash J 2005; 49: 49-65.*

▶ **Shoulder injury and response due to lateral glenohumeral joint impact: an analysis of combined data**

*Koh SW, Cavanaugh JM, Mason MJ, Petersen SA, Marth DR, Rouhana SW, Bolte JH. Stapp Car Crash J 2005; 49: 291-322.*

▶ **Kinematics of belted fatalities in frontal collisions: a new approach in deep studies of injury mechanisms**

*Lindquist MO, Hall AR, Björnstig UL. J Trauma 2006; 61(6): 1506-16.*

## **SPORTS:**

▶ **Injury Prevention in Child and Adolescent Sport: Whose Responsibility Is It?**

*Emery CA, Hagel B, Morrongiello BA. Clin J Sport Med 2006; 16(6): 514-521.*

▶ **Lumbar spine injuries in athletes**

*Dunn IF, Proctor MR, Day AL. Neurosurg Focus 2006; 21(4): e4.*

## **SLIP AND FALL-PREMISE LIABILITY:**

▶ **Gait characteristics of elderly people with a history of falls: a dynamic approach**

*Barak Y, Wagenaar RC, Holt KG. Phys Ther 2006; 86(11): 1501-10.*

▶ **Drops and falls**

*Spratt A, Ogunbowale L, Khawaja A, Franks W. Age Ageing 2006; 35(6): 646.*

▶ **Causes and circumstances of fatal falls downstairs**

*Bux R, Parzeller M, Bratzke H. Forensic Sci Int 2006; ePub(ePub): ePub.*

**GENERAL:**

▶ **Properties of Matter matter in assessment of scald injuries**

*Chiu TW, Ng DC, Burd A. Burns 2006; ePub(ePub): ePub.*

▶ **Cycling without a helmet**

*Giles S. Can Med Assoc J 2006; 175(11): 1407.*

▶ **Thermal and electrical injuries**

*Pham TN, Gibran NS. Surg Clin North Am 2007; 87(1): 185-206.*

▶ **Electric arc hazard – assessment and mitigation**

*Professional Safety, Journal of the American Society of Safety Engineers, Jan 2007*

If you have a technical issue that requires engineering analysis, please do not hesitate to call.  
We thank you for your continued support,

**Everyone at Florida Forensic Engineering, Inc.**

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