

NEWSLETTER

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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.

BIOMECHANICS:

- ▶ **Falls and gait characteristics among older persons with peripheral neuropathy**
Demott TK, Richardson JK, Thies SB, Ashton-Miller JA. Am J Phys Med Rehabil 2007; 86(2): 125-32.

MOTOR VEHICLE ACCIDENTS:

- ▶ **Analysis of traffic accidents involving children**
Srp Arh Celok Lek 2006; 134(9-10): 427-31.

- ▶ **Suspension airbags: a potential danger**
Burke GA, Chawla O. Emerg Med J 2007; 24(2): 144.

► **Misunderstanding of right-of-way rules at various pedestrian crossing types: Observational study and survey**

Hatfield J, Fernandes R, Job RF, Smith K. Accid Anal Prev 2007; ePub(ePub): ePub.

► **Calcaneal fractures in occupants involved in severe frontal motor vehicle crashes**

Benson E, Conroy C, Hoyt DB, Eastman AB, Pacyna S, Smith J, Kennedy F, Velky T, Sise M. Accid Anal Prev 2007; ePub(ePub): ePub.

► **Seat belt syndrome. Acute spinal cord injury due to incorrect use of two-point seat belts.**

Gargallo Burriel E, Palomeque Rico A, Claret Teruel G, Pons Odena M, Cambra Lasaosa FJ. An Pediatr 2007; 66(1): 70-4.

► **Field use patterns and performance of child restraints secured by lower anchors and tethers for children (LATCH)**

Arbogast KB, Jermakian JS. Accid Anal Prev 2007; ePub(ePub): ePub.

► **Evaluation of booster seat campaign**

Mytton J, Pilkington P. Inj Prev 2007; 13(1): 70.

► **How to decrease pedestrian injuries: conceptual evolutions starting from 137 crash tests**

Thollon L, Jammes C, Behr M, Arnoux PJ, Cavallero C, Brunet C. J Trauma 2007; 62(2): 512-9.

► **Biomechanics of 4-point seat belt systems in farside impacts**

Rouhana SW, Kankanala SV, Prasad P, Rupp JD, Jeffreys TA, Schneider LW. Stapp Car Crash J 2006; 50: 267-98.

► **Crash protection of stock car racing drivers - application of biomechanical analysis of Indy car crash research**

Melvin JW, Begeman PC, Faller RK, Sicking DL, McClellan SB, Maynard E, Donegan MW, Mallott AM, Gideon TW. Stapp Car Crash J 2006; 50: 415-28.

► **Development of numerical models for injury biomechanics research: a review of 50 years of publications in the Stapp car crash conference**

Yang KH, Hu J, White NA, King AI, Chou CC, Prasad P. Stapp Car Crash J 2006; 50: 429-90.

► **Study of Potential Mechanisms of Traumatic Rupture of the Aorta Using InSitu Experiments.**

Hardy WN, Shah CS, Kopacz JM, Yang KH, Van Ee CA, Morgan R, Digges K. Stapp Car Crash J 2006; 50: 247-66.

GENERAL:

► **Accidental fatal inhalation of sulfuric acid fumes**

Benomran FA, Hassan AI, Masood SS. J Clin Forensic Med 2007; ePub(ePub): ePub.

▶ **Cutaneous injuries from marine animals**

Lim YL, Kumarasinghe SP. Singapore Med J 2007; 48(1): e25-e28.

▶ **Development of a loading dock safety evaluation tool**

Gauthier F, Giraud L, Bournival S, Bourbonniere R, Richard JG, Daigle R, Masson J. J Safety Res 2007; ePub(ePub): ePub.

▶ **Epidemiology of severe carbon monoxide poisoning in children**

Mendoza JA, Hampson NB. Undersea Hyperb Med 2006; 33(6): 439-46.

▶ **High voltage electrical injuries**

Kaloudov S, Rihov B, Brychta R, Suchanek I, Martincov J. Acta Chir Plast 2006; 48(4): 119-22.

▶ **Preventing suicide by jumping: the effect of a bridge safety fence**

Pelletier AR. Inj Prev 2007; 13(1): 57-9.

SPORTS:

▶ **Mouthguards in sport activities : history, physical properties and injury prevention effectiveness**

Knapik JJ, Marshall SW, Lee RB, Darakjy SS, Jones SB, Mitchener TA, Delacruz GG, Jones BH. Sports Med 2007; 37(2): 117-44.

▶ **Statewide Assessment of Injury and Death Rates among Riders of Off-Road Vehicles Treated at Trauma Centers**

Mullins RJ, Brand D, Lenfesty B, Newgard CD, Hedges JR, Ham B. J Am Coll Surg 2007; 204(2): 216-24.

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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