



...from Florida Forensic Engineering, Inc.



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

Motor Vehicle

Simulated Evaluation of Pedestrian Safety for Flat-Front Vehicles

Shen J, Jin X-L, Zhang X-Y. Int J Crashworthiness 2008; 13(3): 247-254.

Perception and Appraisal of Approaching Motorcycles at Junctions

Crundall D, Humphrey K, Clarke D. Transp Res F Traffic Psychol Behav 2008; 11(3): 159-167.

Task Difficulty and Risk in the Determination of Driver Behaviour

Fuller R, McHugh C, Pender S. Eur Rev Appl Psychol 2008; 58(1): 13-21.

Multiphysics Out of Position Airbag Simulation

Khan MU, Moatamedi M, Souli M, Zequer T. Int J Crashworthiness 2008; 13(2): 159-166.

A Reduced-Order Finite Element Model for the Simulation of Automotive Side Structure Crash Response

Marur PR, Srinivas S. Int J Crashworthiness 2008; 13(2): 211-218.

Modelling Motorcyclist Injury Severity Resulting From Sideswipe Collisions at T-junctions

in the United Kingdom: New Insights into the Effects of Manoeuvres.

[Pai CW, Saleh W. *Int J Crashworthiness* 2008; 13\(1\): 89-98.](#)

Biomechanics

Head injury prediction capability of the HIC, HIP, SIMon and ULP criteria

[Marjoux D, Baumgartner D, Deck C, Willinger R. *Accid Anal Prev* 2008; 40\(3\): 1135-48.](#)

Is the Threshold for Injury in Whiplash Really a Delta-v of 3 Mph?

[Starks I, Henderson B, Hill M, Wade R. *Inj Extra* 2008; 39\(5\): 173-173.](#)

Development of a Finite Element Model of the Shoulder: Application During a Side Impact

[Astier V, Thollon L, Arnoux PJ, Mouret F, Brunet C. *Int J Crashworthiness* 2008; 13\(3\): 301-312.](#)

Evaluation of aortic injury in driver fatalities occurring in motor vehicle accidents in the State of Maryland for 2003 and 2004

[Ripple MG, Grant JR, Mealey J, Fowler DR. *Am J Forensic Med Pathol* 2008; 29\(2\): 123-7.](#)

Mechanism Analysis of Pedestrian Knee-Bending Angle by SUV Type Vehicles Using Human FE Model

[Yasuki T. *Int J Crashworthiness* 2007; 12\(6\): 645-651.](#)

The Effect of Brain Mass and Moment of Inertia on Relative Brain-Skull Displacement During Low-Severity Impacts

[Zou H, Kleiven S, Schmiedeler JP. *Int J Crashworthiness* 2007; 12\(4\): 341-353.](#)

Vehicle/Occupant Movement in Moderate Speed in-Line Collisions

[Huston RL. *Int J Crashworthiness* 2008; 13\(1\): 41-48.](#)

Review of the significance of various low force fractures in the elderly

[Dolinak D. *Am J Forensic Med Pathol* 2008; 29\(2\): 99-105.](#)

Spinal Injuries in Pedestrians Struck by Motor Vehicles

[Vives MJ, Kishan S, Asghar J, Peng B, Reiter MF, Milo S, Livingston D. *J Spinal Disord Tech* 2008; 21\(4\): 281-287.](#)

General

Emergency Department Visits Secondary to Amusement Ride Injuries in Children

[Loder RT, Feinberg JR. *J Pediatr Orthop* 2008; 28\(4\): 423-426.](#)

The epidemiology of acute sports-related fractures in adults

[Court-Brown CM, Wood AM, Aitken S. *Injury* 2008; ePub\(ePub\): ePub.](#)

A review of nonoccupational ladder-related injuries in Victoria: as easy as falling off a ladder

[Bedi HS, Goldbloom D. *J Trauma* 2008; 64\(6\): 1608-12.](#)

Golf cart-related injuries in the U.S

[Watson DS, Mehan TJ, Smith GA, McKenzie LB. *Am J Prev Med* 2008; 35\(1\): 55-9.](#)

Please do not hesitate to call with your technical engineering issues which may require analysis.

We thank you for your continued support,

Florida Forensic Engineering, Inc.

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