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

Newsletter

August 2007

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.

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[Motor Vehicle:](#)

Report recommends tighter legislation and better road design to reduce traffic injuries and deaths

Mayor S. Br Med J 2007; 334(7599): 867.

Inverted drop testing as a mechanism to evaluate rollover occupant injury potential

Forrest S, Pedder D, Meyer SE, Herbst B. Biomed Sci Instrum 2007; 43: 34-9.

A stable dynamic cohort analysis of installing cost-effective rollover protective structures (CROPS)

Owusu-Edusei K, Biddle EA. J Agric Saf Health 2007; 13(2): 177-87.

A review of police pursuit fatalities in the United States from 1982-2004

Hutson HR, Rice PL, Chana JK, Kyriacou DN, Chang Y, Miller RM. Prehosp Emerg Care 2007; 11(3): 278-83.

Comparing speed estimations from a moving vehicle in different traffic scenarios: absence versus presence of traffic flow

Conchillo A, Recarte MA, Nunes L, Ruiz T. Span J Psychol 2006; 9(1): 32-7.

Effects of electronic stability control: an update

Farmer CM. Traffic Injury Prev 2006; 7(4): 319-24.

Occupant injury in longitudinal barrier collisions: effects of restraints

Gabauer DJ, Gabler HC. Biomed Sci Instrum 2007; 43: 1-6.

Analysis of injuries of motorcycle occupants in traffic accidents
Zou DH, Chen YJ, Chen JG, Mao MY, Liu NG, Zhang JH. Fa Yi Xue Za Zhi 2007; 23(2): 134-6, 139.

The challenge of car safety seats
Greenberg JM. J Pediatr 2007; 150(3): 215-6.

Biomechanics:

Cervical spine loads and intervertebral motions during whiplash
Ivancic PC, Panjabi MM, Ito S. Traffic Injury Prev 2006; 7(4): 389-99.

Cervical vertebral motions and biomechanical responses to direct loading of human head
Ono K, Kaneoka K, Hattori S, Ujihashi S, Takhounts EG, Haffner MP, Eppinger RH. Traffic Injury Prev 2003; 4(2): 141-52.

Methodology for estimating thoracic impact response in frontal crash tests
Thor CP, Gabler HC. Biomed Sci Instrum 2007; 43: 336-41.

Seating position, seat belt wearing, and the consequences in facial fractures in car occupants
Fonseca AS, Goldenberg D, Alonso N, Bastos E, Stocchero G, Ferreira MC. Clinics 2007; 62(3): 289-294.

Measurement of impact acceleration: Mouthpiece accelerometer versus helmet accelerometer
Higgins M, Halstead PD, Snyder-Mackler L, Barlow D. J Athl Train 2007; 42(1): 5-10.

Seat-belt aorta: a rare injury associated with blunt abdominal trauma
Lalancette M, Scalabrini B, Martinet O. Ann Vasc Surg 2006; 20(5): 681-3.

A complete tear of the pectoralis major muscle from a seat belt injury
Gautschi OP, Zellweger R. Eur J Emerg Med 2007; 14(2): 90-1.

The effect of leg fracture level and vehicle front-end geometry on pedestrian knee injury and response
Dunmore MC, Brooks R, Madeley NJ, McNally DS. Proc Inst Mech Eng Pt H J Eng Med 2006; 220(8): 857-69.

Slip & Fall:

Sleep apnea and falls in older people
Kaushik S, Wang JJ, Mitchell P. J Am Geriatr Soc 2007; 55(7): 1149-1150.

Trends in fall injuries associated with children's outdoor climbing frames
Ball DJ. Int J Inj Control Safe Promot 2007; 14(1): 49-53.

General:

Kids and hot liquids-a burning reality
Ring LM. J Pediatr Health Care 2007; 21(3): 192-4.

Ladder-Related Injuries Treated in Emergency Departments in the United States, 1990-2005
D'Souza AL, Smith GA, Trifiletti LB. Am J Prev Med 2007; 32(5): 413-418.

Heat-Related Illness in Athletes
Howe AS, Boden BP. Am J Sports Med 2007; ePub(ePub): ePub.

Characteristics of frail older adult drivers

[Carr DB, Flood K, Steger-May K, Schechtman KB, Binder EF. J Am Geriatr Soc 2006; 54\(7\): 1125-9.](#)

Prediction of driving ability after stroke and the effect of behind-the-wheel training

[Söderström ST, Pettersson RP, Leppert J. Scand J Psychol 2006; 47\(5\): 419-29.](#)

Driving retirement: the role of the physician

[Carr DB, Meuser TM, Morris JC. Can Med Assoc J CMAJ 2006; 175\(6\): 601.](#)

Things that go boom: injuries from explosives

[Eastridge BJ. J Trauma 2007; 62\(6\): S38.](#)

Ecology of drowning risk at a public swimming pool

[Schwebel DC, Simpson J, Lindsay S. J Safety Res 2007; 38\(3\): 367-72.](#)

Waterslide exit velocities, user behaviours and injury prevention

[Blitvich JD, McElroy GK. Int J Inj Control Safe Promot 2007; 14\(1\): 54-6.](#)

Cap gun burns in children

[Maze DA, Holland AJ. J Paediatr Child Health 2007; 43\(7-8\): 555-556.](#)

Pediatric and adolescent strangulation deaths

[Verma SK. J Forensic Leg Med 2007; 14\(2\): 61-4.](#)

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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