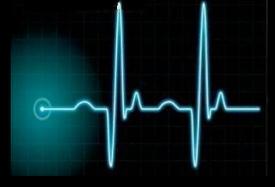


# Dr. Jason Mazzearella

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## Crash Forensics Press Release

### Local Doctor Becomes Motor Vehicle Crash Forensic Risk Analysis Certified at CRASH International Whiplash Conference



#### Background:

Dr. Mazzearella of the North American Spine Institute says consumers and healthcare providers need to be better educated about the issue surrounding whiplash—both concerning its diagnosis, treatments and, importantly, its prevention. In order to more effectively treat and assess persons injured in motor vehicle crashes, Dr. Mazzearella became certified in Motor Vehicle Crash Forensic Risk Analysis at the CRASH 2006 International Whiplash Conference in San Diego, California.

The research agenda for CRASH 2006 included full-scale live crash testing with both human subjects and high-tech crash test dummies in multiple low-speed crash tests. These crashes were created and analyzed, along with several other projects, in order to improve our understanding of injury mechanism and occupant kinematics that occur during both low and high speed collisions from a multitude of different collision vectors.

As part of this intensive program, Dr. Mazzearella also learned the very latest methods of forensic risk analysis to better understand not only the effects of the forces and loads imposed upon patients' spines and brains in both high and low speed crashes, but also the various risk factors that can increase a person's chance for injury or long-term symptoms.

"By understanding the unusual biomechanics of this form of trauma, diagnostic methods and treatment need can be determined more effectively through the knowledge of injury potential and correlation of injury potential to report of injury sustained," said Dr. Mazzearella

An evaluation of Event Data Recorders (EDR) - the car's "black box," and how it performs in low velocity crashes, and a comparison of Saab's new anti-whiplash head restraint seat with standard car seat using human volunteer subjects in full scale car-to-car crash tests was also part of the program.

Dr. Mazzearella keeps current on whiplash, pain, brain injury and forensics research by reading approximately 500 new research articles a year and attending a multitude of post graduate courses (over 80 Pain Management, over 40 Motor Vehicle Trauma courses), allowing him to stay in the forefront of injury biomechanics, crash forensics, whiplash evaluation, diagnosis, and treatment. Dr. Mazzearella has over 320 additional training hours in accident investigation, reconstruction, event data recorders, has completed approximately 5000 medical IME assessments to date. In addition, clinically he has treated approximately 6000 patients with conditions ranging from whiplash, chronic pain and brain injury to preforming pre/post surgical rehabilitation and amputee desensitization therapies. This training allows for a research and clinical based determination of need based on patient treatment experience in practice combined with knowledge of the most up to date research in whiplash, crash forensics, injury biomechanics and chronic pain.