

How to Order a Copy of Airbag Injuries, Causation & Federal Regulations  
by Sal Fariello

Airbag Injuries, Causation & Federal Regulations is the only book of its kind in the world as of November 1, 2005. The book is 82 pages of the most powerful research into the issue of airbag-related injuries ever compiled in a single source. It is also the first publication ever to fully explore the issue of how to determine the need for airbag deployment independent of any data provided by the vehicle manufacturer.

The book is written by Sal Fariello, the author of The Plaintiffs' Lawyers Guide To Minor Impact Cervical and Lumbar Injury and Whiplash Injury. Mr. Fariello has a nearly 100% success rate as a consultant in airbag cases and has testified on the subject in state and federal courts in the U.S. and in Supreme Court, Newfoundland, Canada. His references with attorneys all over America are impeccable. To review what lawyers have said about his work in airbag cases and his work as an accident reconstruction and biomechanics consultant generally, click on REFERENCES at this website.

Airbag Injuries, Causation & Federal Regulations is the perfect reference source for lawyers, claims adjusters, accident reconstructionists and crash injury reconstructionists who need to understand airbag-related injuries and who need to determine whether an airbag should have deployed or should not have deployed in a particular crash. The book explains to lawyers why some airbag cases may have merit and why other cases are likely to fail.

The book is formatted to 8.5 x 11 inch professionally typeset pages in electronic book format on CD ROM. The table of contents is extensive and is electronically linked to every corresponding page in the text, making finding a particular topic fast and extremely simple to do.

A complete table of contents is included in this document for your review and consideration. To order the book, send \$65 U.S. in check or money order payable to:

Eastern Forensic Science Group  
817 S.W. 85th Way  
Gainesville, FL 32607  
Telephone (800) 531-0078  
(352) 331-0024

Table of contents on next two pages

## **CHAPTER 1. AIRBAG-RELATED INJURIES**

1.0	<b>DUBIOUS AIRBAG NON-DEPLOYMENT CASES</b>	1-1
1.1	Front airbags	1-1
1.2	Side and curtain airbags	1-2
1.3	No front bumper damage	1-4
1.4	Rear passenger involvement	1-5
1.5	Steering wheel impalement	1-5
1.6	Multiple front end impact scenarios	1-6
2.0	<b>AIRBAG INJURIES RELATED TO DEPLOYMENT</b>	1-6
2.1	Eye injuries	1-9
2.2	Arm injuries	1-10
2.3	Facial burns	1-11
2.4	Brain injuries	1-12
	2.4.1 Absence of facial erythema and unconsciousness	1-15
	2.4.2 Brainstem laceration	1-18
	2.4.3 The elderly driver problem	1-22
2.5	Neck injuries	1-23
2.6	Heart trauma	1-24
2.7	Lung injuries, bronchial irritation and asthma	1-24
2.8	Ear injuries	1-25
2.9	Side airbag injuries to children	1-25
2.10	Airbag folding pattern injuries and deployment velocity	1-26
3.0	<b>AIRBAG INJURIES RELATED TO NON-DEPLOYMENT</b>	1-27
3.1	Cervical hyperflexion injuries	1-28
3.2	Head blunt force injuries and the Head Injury Criterion	1-30
	3.2.1 Head impacts into the steering wheel by belted drivers	1-31
	3.2.2 Head impacts into the A pillar with lacerations	1-32
	3.2.3 Head impacts into the windshield header	1-33
	3.2.4 Knee, thigh and hip injuries	1-33
3.3	Thoracic and Lumbar Injuries	1-35

## **CHAPTER 2. INJURY MITIGATION & FEDERAL REGULATIONS**

1.0	<b>GOVERNMENT INJURY MITIGATION STANDARDS</b>	2-1
2.0	<b>FRONTAL IMPACTS</b>	2-2
2.1	NCAP tests	2-3
3.0	<b>FRONT IMPACT TEST SPEEDS AND INJURY MITIGATION</b>	2-3
3.1	Neck injury standards	2-5
4.0	<b>OFFSET FRONTAL CRASH TESTS</b>	2-9
4.1	New impact speeds under FMVSS 208	2-10
5.0	<b>FMVSS 214 SIDE IMPACT TESTING</b>	2-12
5.1	Side impact injury mitigation	2-12
5.2	FMVSS 208 side impact requirements	2-13
5.3	FMVSS 201 Side impact requirements	2-14
5.4	LINCAP tests	2-15
6.0	<b>ROLLOVER TESTS UNDER FMVSS 208</b>	2-16
7.0	<b>SIZES AND SPECIFICATIONS OF CRASH TEST DUMMIES</b>	2-16

## **CHAPTER 3. WHEN SHOULD AN AIRBAG DEPLOY?**

- 1.0 **INJURY MITIGATION AS A STANDARD FOR AIRBAG DEPLOYMENT** 3-1
- 1.1 The 12 mile per hour injury mitigation standard 3-5
- 1.2 Facial fracture standard 3-10
- 1.3 Use of black box data to determine occupant impact speed 3-11
- 1.4 Alternate techniques for determining Delta V and the need for airbag deployment 3-13