**Risk Factors Late Whiplash**

**Head Rotation at Impact**


**Female Sex**


**Rear vector impact vs other vectors**


**Non-Awareness of Impending Impact**


**Immediate/early onset of symptoms (i.e., within 12 hours) and/or more severe initial symptoms**


**Increasing Age (i.e., middle age and beyond)**


Increasing Age Cont’d


1240) Freeman MD, Croft AC: Late whiplash risk factor analysis of a random sample of patients with chronic spine pain. Submitted.


Loss or reversal of cervical lordosis


Chronic Symptom/incomplete Recovery literature


