

WHAT IS TODAY'S OBJECTIVE?



**TO OBSERVE
THE
PATHOLOGICAL
EFFECTS OF A
MVA**



ROLL-OVER

CRASHES

- More lethal than side impact crashes *if* seatbelts are **not used**
- The unrestrained occupant tends to be airborne & may be ejected
- No specific injury pattern can be found



OVERTURNED IN ROADWAY



4

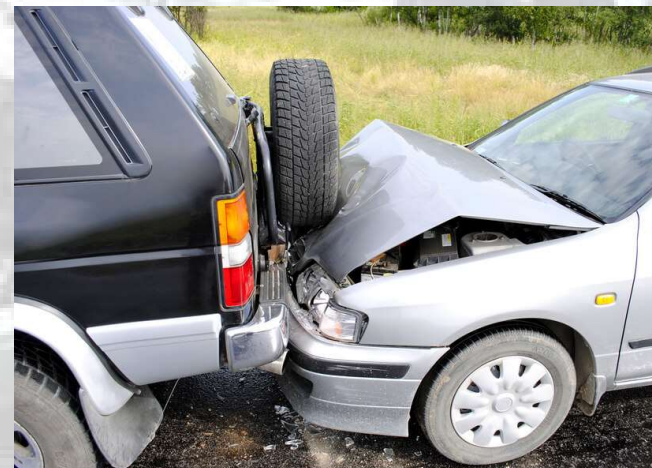
REAR IMPACT

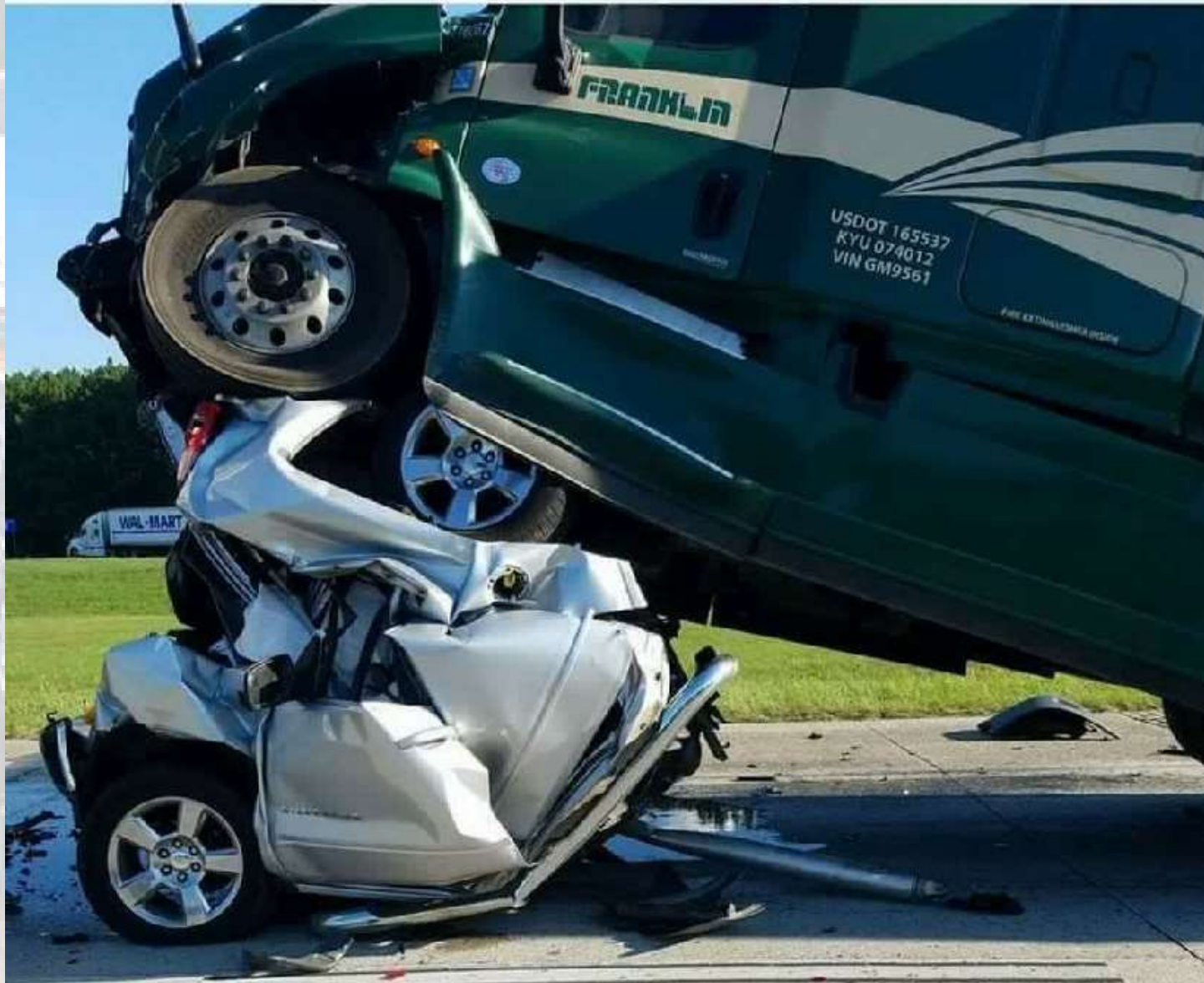
CHARACTERISTICS

- Least common form of fatal MVA
- The occupants in the front seat of the impacted car are protected by the trunk & rear passenger portion of vehicle



REAR-END COLLISION





And this.. Boys & Girls... is why we don't cut in front of a semi-truck





- Hyperextension of head w/
whiplash injury is common

“WHIPLASH”

Atlantooccipital separation. Note the increased space between C1 and the base of the skull.