



# Motocross Racing Injuries

A Data Review of
American Motorcycle Association
SX and MX Racing Injuries
2011-2013

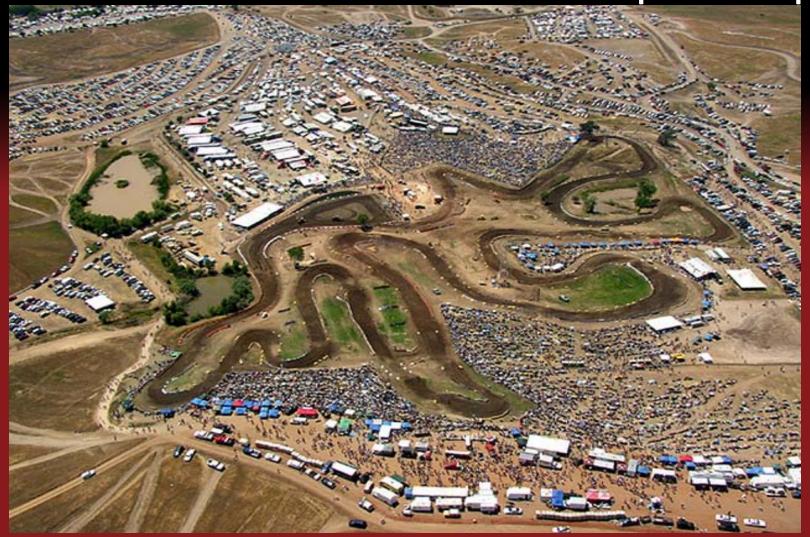
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Medical Director, Asterisk Mobile Medical Center











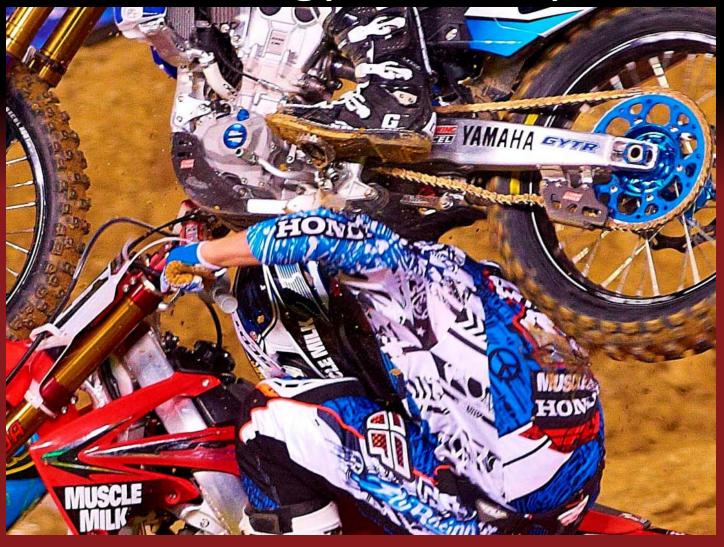








































#### Motocross Racing Injuries





















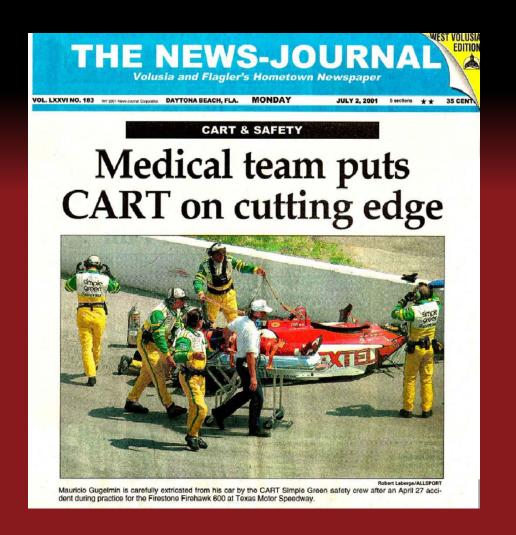
#### **Motocross of Nations 2013**







#### **CART Safety Team**







# Early Track Side Medical Care



#### Asterisk Mobile Medical Center



#### Asterisk Mobile Medical Center

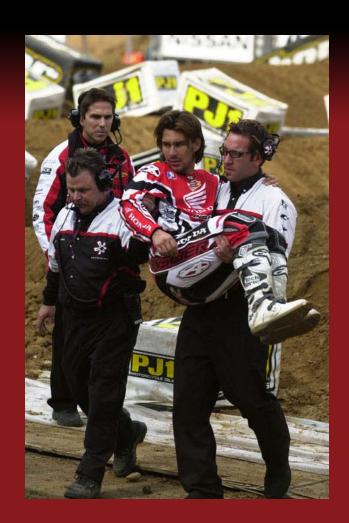


#### Asterisk Mobile Medical Center





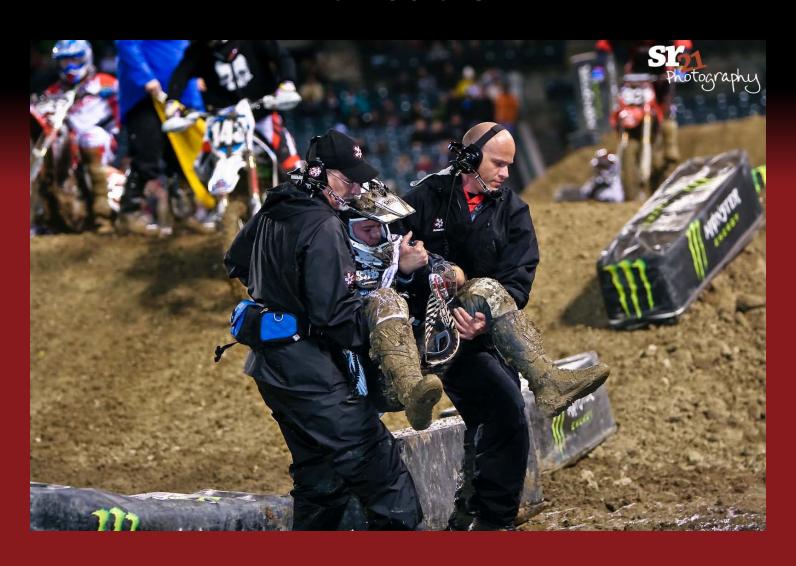






















#### Kawasaki Medic Mule





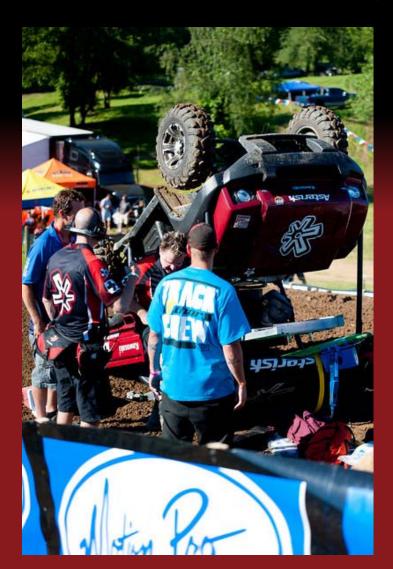


#### Kawasaki Medic Mule















# Eject Helmet Removal System









# Eject Helmet Removal System







#### Injury Data Collection

- ➤ Data collected from the Monster Energy AMA Supercross and Lucas Oil Pro Motocross Championship by the Asterisk Mobile Medical Center
- > Series data from 2011-2013
- Injuries categorized by type of injury
- Specific data collected on injuries and related safety equipment.
- > Type of safety gear includes manufacturer of helmet and neck brace.





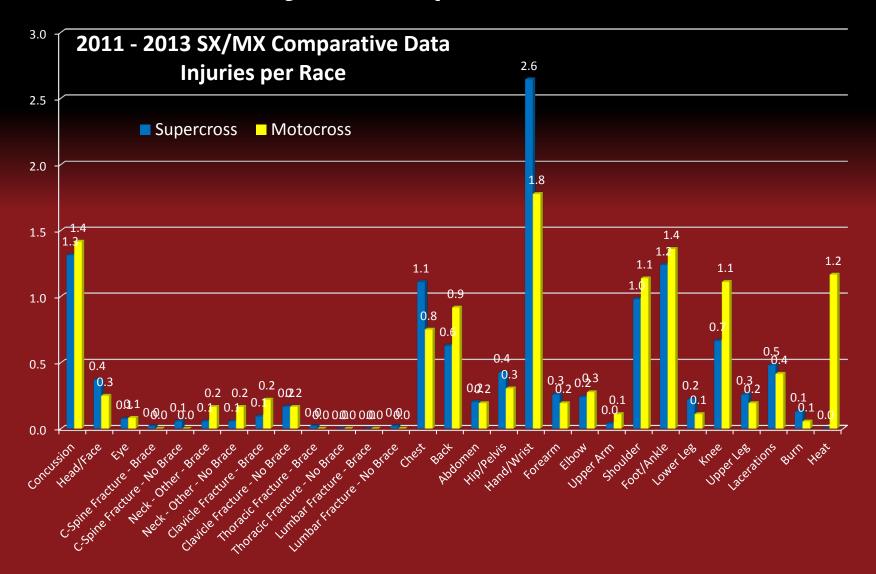
#### Injury Data Collection

- Data collected from inpatient log of rider injuries and treatment.
- Categorized by anatomical areas not by discrete injury due to wide variance found.
- Data separated into Monster Energy AMA Supercross and Lucas Oil Pro Motocross Championship Series for comparison.
- Concentration given to head and neck injuries.





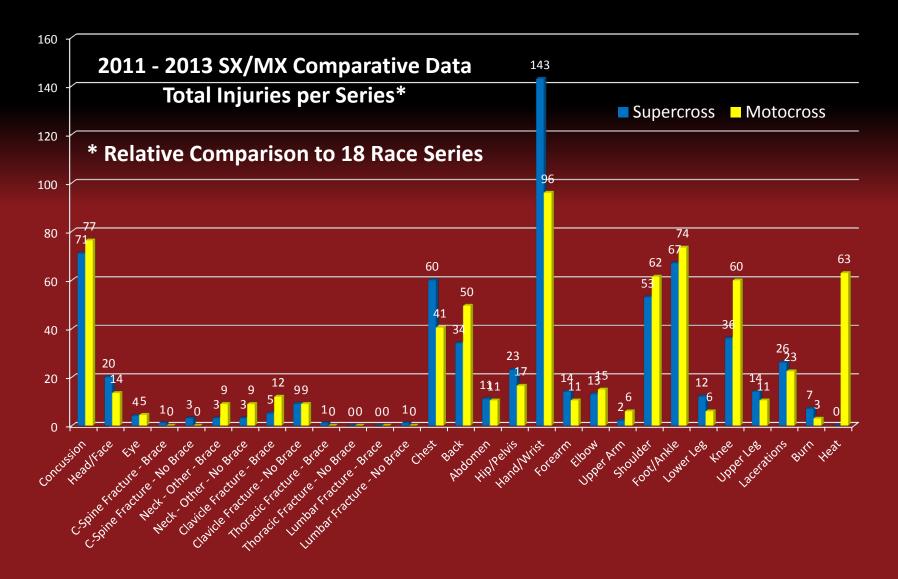
#### Injuries per Race







#### Injuries per Series





#### Neck Braces











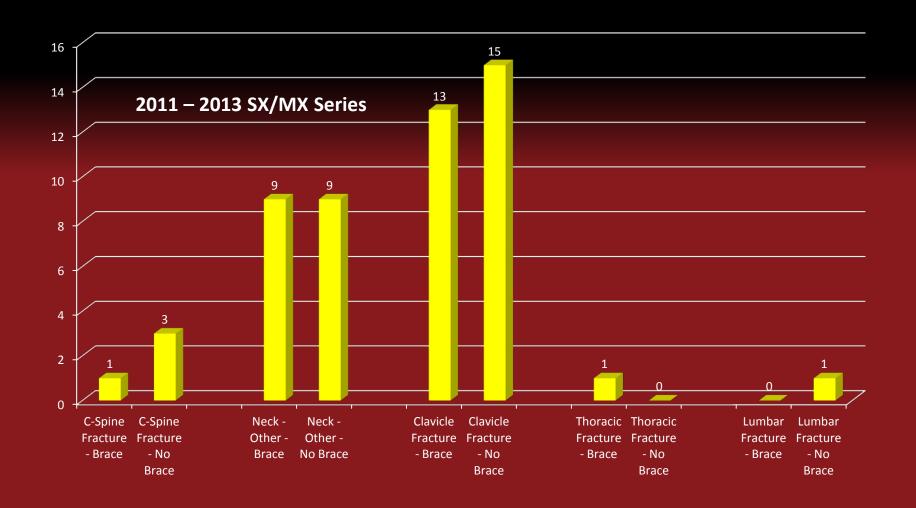








#### Injuries and Neck Brace Use







#### Be Prepared

