***Prevalence of Alcohol and Other Drug Use among Motor Vehicle Crash Victims Admitted to Select Trauma Centers***

De-identified Data Provided by Trauma Center or Medical Examiner

(All data are from secondary sources)

**Mechanism of Injury**

1. Case Start Location
   * Trauma Center
   * Medical Examiner
2. Mechanism of Injury
   * Motor vehicle crash
   * Other motorized transportation
   * Non-motorized transportation
   * Fall
   * Drowning
   * Fire/burn
   * Nature/environmental
   * Other trauma, unspecified
   * Other trauma, specified
3. Position in Crash
   * Driver (including motorcycle)
   * Passenger (including motorcycle)
   * Bicycle rider/ driver
   * Pedestrian
   * Scooter
   * Unknown vehicle occupant location
   * Other: \_\_\_\_\_\_\_\_
   * Not applicable
4. Type of motor vehicle

* Car
* SUV
* Pick-up truck
* Van
* Motorcycle
* Semi-truck
* Other commercial vehicle: \_\_\_\_\_\_\_\_
* Other passenger vehicle: \_\_\_\_\_\_\_\_
* Cannot be determined
* Not applicable

1. Protective Devices (select all that apply)
   * Airbag
   * Seatbelt
   * Helmet
   * Unknown
   * None
   * Not applicable
2. Drug Administered Prior to Arrival (select all that apply)
   * None
   * Ativan
   * Fentanyl
   * Morphine
   * Versed

**Arrival Day/Time**

1. Arrival Day of Week
   * Monday
   * Tuesday
   * Wednesday
   * Thursday
   * Friday
   * Saturday
   * Sunday
2. Arrival Month
   * January
   * February
   * March
   * April
   * May
   * June
   * July
   * August
   * September
   * October
   * November
   * December
3. Arrival Time
   * 12:00am-2:59am
   * 3:00am-5:59am
   * 6:00am-8:59am
   * 9:00am-11:59am
   * 12:00pm-2:59pm
   * 3:00pm-5:59pm
   * 6:00pm-8:59pm
   * 9:00pm-11:59pm

**Blood Tube Scan**

1. Blood Tube ID: \_\_\_\_\_\_\_\_

**Demographics**

1. Age (in years)
   * 18-20
   * 21-34
   * 35-64
   * 65+
2. Sex
   * Male
   * Female
3. Race (select all that apply)
   * White
   * Black or African American
   * Asian
   * Native American or Alaska Native
   * Hawaiian or Pacific Islander
   * More than one race
   * Unknown
   * Other: \_\_\_\_\_\_\_\_
4. Hispanic/Latino
   * Yes
   * No

**Treatment and Outcomes**

1. Trauma Designation
   * Alert
   * 1
   * 2
   * 3
2. Drugs Administered Prior to blood draw (select all that apply)

* None
* Ativan
* Dilaudid
* Etomidate
* Fentanyl
* Haldol
* Morphine
* Versed

1. TRISS: \_\_\_\_\_\_\_\_
2. ISS: \_\_\_\_\_\_\_\_
3. ICD-10 Code: \_\_\_\_\_\_\_\_
4. Deceased

* Yes
* No

1. Death Day of Week
   * Monday
   * Tuesday
   * Wednesday
   * Thursday
   * Friday
   * Saturday
   * Sunday
2. Death Month
   * January
   * February
   * March
   * April
   * May
   * June
   * July
   * August
   * September
   * October
   * November
   * December
3. Time of Death
   * 12:00am-2:59am
   * 3:00am-5:59am
   * 6:00am-8:59am
   * 9:00am-11:59am
   * 12:00pm-2:59pm
   * 3:00pm-5:59pm
   * 6:00pm-8:59pm
   * 9:00pm-11:59pm
4. Drugs for screening and confirmation with cutoff levels

| **Drugs: Grouped by Class/Screening Package** | **Minimum Blood Concentration Detection Thresholds (ng/mL)** | |
| --- | --- | --- |
|  | **ELISA Screen** | **LC-MS/MS Confirm** |
| Cocaine, benzoylecgonine, cocaethylene | 25 | 10 |
| 6-AM, codeine, morphine, hydrocodone, hydromorphone | 25 | 10 |
| Amphetamine, methamphetamine, MDMA, MDA, ephedrine, pseudoephedrine, phenylpropanolamine | 20 | 10 |
| THC, THC-COOH, 11-OH-THC | 5 | 1 |
| Phencyclidine | 10 | 10 |
| Buprenorphine, norbuprenorphine | 1 | 1 |
| Alprazolam, chlordiazepoxide, oxazepam, nordiazepam, lorazepam, diazepam, clonazepam, 7-aminoclonazepam, temazepam | 20 | 10 |
| Phenobarbital, secobarbital, butalbital | 100 | 100 |
| Methadone, EDDP | 50 | 10 |
| Diphenhydramine, doxylamine, chlorpheniramine | 25 | 10 |
| Fentanyl, norfentanyl, furylfentanyl, acetylfentanyl, carfentanil, fluorofentanyl | 1 | 0.5 |
| Oxycodone; Oxymorphone | 25 | 10 |
| Tramadol | 50 | 10 |
| Carisoprodol; Meprobamate | 500 | 500 |
| Sertraline | 50 | 10 |
| Fluoxetine | 50 | 10 |
| Amitryptiline, nortriptyline, doxepin, imipramine, desipramine, citalopram, venlafaxine, trazadone, cyclobenzaprine | 25 | 10 |
| Zolpidem | 10 | 10 |
| Dextromethorphan | 50 | 20 |
| Ketamine | 10 | 10 |
| α-Pyrrolidinopentiophenone | 5 | 1 |