

Table 1: Demographic and injury severity characteristics of study cohort

| variable | mean \pm sd or n(%) |
|---------------------------------------|-----------------------|
| Age | |
| Sex | |
| Male | |
| Female | |
| Race | |
| White | |
| Black | |
| Hispanic | |
| Asian | |
| Other | |
| Mechanism of injury | |
| Motor vehicle collision | |
| Fall/jump | |
| Assult | |
| Other | |
| Unknown | |
| Moto GCS | |
| 1-3 | |
| 4-6 | |
| Untestable | |
| Pupils | |
| Both reactive | |
| 1 Unreactive | |
| Both unreactive | |
| Untestable | |
| Type of injury (Marshall CT category) | |
| Diffuse injury 1 or 2 | |
| Diffuse injury 3 or 4 | |
| Mass lesion | |
| Glasgow Outcome Scale | |
| Good recovery | |
| Moderate disability | |
| Severe disability | |
| Vegetative | |
| Dead | |

Table 2: Brain tissue catheter information and Physiology

| variable | mean \pm sd or % |
|---|--------------------|
| Average ICP, mm Hg | |
| Average MAP, mm Hg | |
| Average CPP, mm Hg | |
| Average S _{ijv} O ₂ , % | |
| Average S _a O ₂ , % | |
| Average P _{CO2} , % | |
| Average P _{bt} O ₂ , % | |