

Data Collection Tool: COST Patient Data

Record ID _____

Hospital name _____

Hospital geographic location

- Northeast
- Southeast
- Midwest
- West

Hospital trauma yearly volume (patients/year)

- <1000
- 1000-2000
- 2001-4000
- >4000

Hospital environment

- Urban
- Non-urban

Hospital academic affiliation

- Academic
- Academic affiliated
- Community
- Other _____

Age _____

Race

- Caucasian
- African American
- Hispanic
- Asian
- Other

Gender

- Male
- Female

Mechanism of injury

- Fall
- Assault
- GSW
- Stab

- Moped
- MVC
- MCC
- Blunt/crush
- Ped struck
- Other

Injury Severity Score _____

AIS Head _____

AIS Face _____

AIS Neck _____

AIS Spine _____

AIS Thorax _____

AIS Abdomen _____

AIS Lower Extremity _____

AIS Upper Extremity _____

Liver Injury

- Yes
- No

AAST Liver Injury Grading System

- Grade I
- Grade II
- Grade III
- Grade IV
- Grade V

Admission Systolic Blood Pressure _____

Admission Diastolic Blood Pressure _____

Admission Heart Rate _____

Admission Respiratory rate _____

Admission Oxygen saturation _____

Admission Eye GCS _____

Admission Voice GCS _____

Admission Motor GCS _____

Admission Hemoglobin (Hgb) _____

Admission White Blood Cells (WBC) _____

Admission Lactate _____

Admission Platelets (Plt) _____

Admission International Normalized Ratio (INR) _____

Admission Sodium (Na) _____

Admission Creatinine (Cr) _____

Admission Total bilirubin (Tbili) _____

Admission Albumin _____

Admission MELD _____

Admission Child-Pugh (For encephalopathy - diagnosis of encephalopathy or home medications to indicate that diagnosis) _____

History of ascites

- Yes
- No

History of encephalopathy

- Yes
- No

History of hepatitis

- Yes
- No

If yes, type of hepatitis

- Hepatitis C
- Hepatitis B
- NASH
- Alcoholic hepatitis

- Autoimmune hepatitis
- Cryptogenic hepatitis
- Other

History of ETOH use

- Yes
- No

Acute liver failure during admission

- Yes
- No

Cirrhosis risk factors

- Variceal bleeding
- Portal vein thrombosis
- Splenomegaly

Coagulopathy, thrombotic events

- DVT
- PE
- Both

24 hr Transfusion Requirements

1st 24 hours: (24 hrs)

Whole blood _____
PRBC _____
FFP _____
PLT _____
Cryo _____

2nd 24 hours: (48 hrs)

Whole blood _____
PRBC _____
FFP _____
PLT _____
Cryo _____

3rd 24 hours: (72hrs)

Whole blood _____
PRBC _____
FFP _____
PLT _____
Cryo _____

Surgeries during hospitalization _____

Associated surgical complications _____

Alive

- Yes
- No

If no, mortality

- In-hospital
- 30-day mortality
- 60-day mortality
- 90-day mortality
- 1 year mortality

Cause of mortality _____

Complications

- ARDS
- Pneumonia
- Renal failure
- DIC
- None

Comorbidities _____

Hospital length of stay _____

ICU length of stay _____

Discharge disposition

- Home
- SNF
- Rehab
- Morgue
- Hospice