The Role of HIV in Post-Injury Coagulation
WTA Multicenter Study

Case Report Form

Note: Data will be entered by participating sites directly into the study's REDCap online database.

DEMOGRAPHICS

SUBJECT INFO:	
Study ID	
YEAR of ED arrival	
Gender	
Age	
Race	White Black Hispanic Asian Native-Am Pacific Is Other Unknown
Latino	Yes No
Weight (kg)	
Height (cm)	
BMI	

TRAUMA DATA

Mechanism	Blunt Penetrating
Mechanism Type:	GSW MultiGSW MVC MCC Assault Crush SW MultiSW Ped vs Auto Bike vs Auto Fall Burn Burn w/Inhalation Hanging FoundDown Other Unknown
Mechanism Notes:	

COMORBIDITIES AND HIV DATA

<table>
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<tr><td colspan="6" align="center"><u>COMORBIDITIES</u></td></tr>
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COMORBIDITIES					
HIV / AIDS	**Yes**				
Hepatic Failure or Cirrhosis	Yes	No			
Immunosuppression	Yes	No			
Chronic Lung Disease (Asthma, COPD, Interstitial Lung Disease)	Yes	No			
Hepatitis C	Yes	No.	If yes, Hep C treated?	Yes	No
CAD (hx of MI, CABG, PTCA)	Yes	No			
ESRD	Yes	No			
Diabetes Mellitus	Yes	No	If yes, Insulin required?	Yes	No
CHF	Yes	No			
Active Malignancy	Yes	No	If yes, specify:		
Psych Disorder	Yes	No	If yes, specify:		
Comorbidity Notes:					

HIV DATA			
Currently on ARVs on admit?	Yes	No	Unknown
Prior history of ARVs?	Yes	No	Unknown
CD4 COUNT			
Last CD4 Count <u>Prior</u> to admit		Unknown	
Date of last CD4 (list as # of days prior to admit):		Unknown	
First CD4 Count <u>After</u> admit		Not done	
Date of post-admit CD4 count (list as # of says from hospital admission)			
VIRAL LOAD			
Viral Load <u>Prior</u> to admit		Unknown	
Date of Viral Load (list as # of days prior to admit):		Unknown	
First Viral Load <u>After</u> admit		Not done	
Date of post-admit Viral Load (list as # of says from hospital admission)			

OUTPATIENT MEDICATIONS

NOACs/Anticoagulants/Antiplatelets: Outpatient	
NOACs Including: Pradaxa (dabigatran) Xarelto (rivaroxaban) Eliquis (apixaban) Savaysa (edoxaban) Bevyxxa (betrixaban)	Yes No
Standard Anticoagulants Including: Coumadin (warfarin) Lovenox (enoxaparin)	Yes No
Aspirin	Yes No
Antiplatelets, other than aspirin Including: Aggrenox (aspirin/dipyridamole) Plavix (clopidogrel)	Yes No
OTHER not captured above, please list:	

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LAB SAMPLES

Admit (HR 0 Labs)

HEMATOLOGY		CHEMISTRY	
WBC (k/uL)		Creatinine (mg/dL)	
Hemoglobin (g/dL)		Total Bili (mg/dL)	
Hematocrit (%)		Calcium (mg/dL)	
Platelet (k/uL)		Ionized Calcium (mmol/L)	
WBC Differential		**COAGULUATION**	
Absolute Neutrophil		PT (sec)	
Absolute Lymphocyte		PTT (sec)	
Absolute Monocyte		INR	
Absolute Eosinophil		Fibrinogen (mg/dL)	
Absolute Basophil			
Absolute Large Lymphocyte		**OTHER**	
		Lactate (mmol/L)	
		Blood Type	
Blood Gas		Albumin (g/dL) *first within 1 wk*	
Please specify Venous or Arterial Blood gas:	VBG ABG	Prealbumin (mg/dL) *first within 1 wk*	
pH		CRP (mg/L) *first within 1 wk*	
pCO2			
pO2			
HCO3-			
Base deficit / excess *please use minus sign for base deficit, ex: base deficit -4.0, or base excess 4.0*			

INPATIENT MEDICATIONS

████████████████████████			

NOACs/Anticoagulants/Antiplatelets: Inpatient
Collect to first 28 days in hospital

NOACs Including: Pradaxa (dabigatran) Xarelto (rivaroxaban) Eliquis (apixaban) Savaysa (edoxaban) Bevyxxa (betrixaban)	Yes	No	Start date (days from admit): _____
Standard Anticoagulants Including: Coumadin (warfarin)	Yes	No	Start date (days from admit): _____
Aspirin	Yes	No	Start date (days from admit): _____
Antiplatelets, other than aspirin Including: Aggrenox (aspirin/dipyridamole) Plavix (clopidogrel)	Yes	No	Start date (days from admit): _____
DVT Prophylaxis	Yes	No	Start date (days from admit): _____
Medication	Enoxaparin	Heparin	Other
Dosage (Dose/Route/Frequency)			
Total number of doses prescribed (aka optimal number of doses given, if none were missed or held) *Example: On morning of hospital day 3, patient started on Enoxaparin 30mg SC BID, discharged afternoon of hospital day 10; optimal total doses = 15*			
Total number of doses NOT given (held or missed)			
Heparin gtt	Yes	No	Start date (days from admit): _____
Therapeutic Enoxaparin	Yes	No	Start date (days from admit): _____
OTHER not captured above, please list:			

HEMOSTATIC MEDICATIONS

Collect to first 28 days in hospital. Collect start date, dosage, and number of doses given.

Cyklokapron (Tranexamic Acid)	Yes No Start date (days from admit): _____ Dosage (dose/route/frequency): Number of doses given:
RiaSTAP (Fibrinogen Concentrate)	Yes No Start date (days from admit): _____ Dosage (dose/route/frequency): Number of doses given:
KCentra (Prothrombin complex concentration)	Yes No Start date (days from admit): _____ Dosage (dose/route/frequency): Number of doses given:
Factor VII	Yes No Start date (days from admit): _____ Dosage (dose/route/frequency): Number of doses given:

MOF SCORING DATA

	Admit Day	Day 1	Day 2	Day 3	Day 4	Day 6	Day 6	Day 7
Pulmonary: Lowest P/F ratio*								
Renal: Highest creatinine								
Cardiac: Vasopressors**	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Hepatic: Highest total bilirubin								

*No OR values for lowest P/F; **Do not record Yes for vasopressors required if ONLY used in the OR

OUTCOMES

THROMBOEMBOLIC COMPLICATIONS

Thromboembolic Complication	Yes No
Time of complication (# of hours from admit)	
Type of Complication	DVT PE MI CVA Other
Thromboembolic complication description	
Type of Diagnosis	Incidental Symptomatic
Diagnoses by	CT Ultrasound Other.

Mortality @28 days	Alive Dead	ISS	
Vital Status at hospital discharge	Alive Dead	AIS Head	
Date time of death (# of hours from Admit)		AIS Face	
Total Hospital Days		AIS Chest	
ICU Days (to 28days)		AIS Abdomen	
Vent Days (to 28days)		AIS Extremity	
		AIS Skin	
Discharge Location	Expired Home SNF Rehab Txf to Another Hospital AMA Inpatient Psych Other: _____ _____		

FUNCTIONAL COAGULATION MEASURES
Please record any functional coagulation results your site obtains:
TEG – any test – and/or ROTEM. It is not necessary to have both TEG and ROTEM, either is fine!
Date time of blood sample collection (minutes from hospital arrival):

ROTEM:

EXTEM:
Ex CT
Ex CFT
Ex Alpha
Ex A10
Ex A20
Ex MCF
Ex ML

FIBTEM:
Fib CT
Fib Alpha
Fib A10
Fib A20
Fib MCF
Fib ML

INTEM:
In CT
In CFT
In Alpha
In A10
In A20
In MCF
In ML

APTEM:
Ap CT
Ap CFT
Ap Alpha
Ap A10
Ap A20
Ap MCF
Ap ML

TEG:

Citrated Rapid TEG:
CRT ACT
CRT SP
CRT R
CRT K
CRT Alpha
CRT MA
CRT G
CRT Ly30

Citrated Kaolin:
CK SP
CK R
CK K
CK Alpha
CK MA
CK G
CK Ly30

Functional Fibrinogen:
FF FLEV
FF SP
FF R
FF K
FF Alpha
FF MA
FF G
FF EPL
FF Ly34