



Impact of the COVID-19 Pandemic on trauma related mortality/morbidity and resource availability

Date of peak new cases in encatchment



Eastern Association for the Surgery of Trauma
Advancing Science, Fostering Relationships, and Building Careers

EAST MULTICENTER STUDY
DATA COLLECTION TOOL AND DICTIONARY

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Date of peak deaths in encatchment _____

Date stay-at-home commenced _____

Date stay-at-home lifted _____

Outcomes and Resources Data

(The Following are for each time period)

Mortality Rate: _____ expressed as a percent

Demographics

Median Age

Age 25, 75 IQR

% Male, % female, % other

% Caucasian, Black, Hispanic, Asian, other

Median ISS

ISS 25, 75 IQR

Median Daily PRBC: Mean PRBC Units Available in Blood Bank (and 25, 75 IQR)

Median Daily FFP: Mean FFP Units Available in Blood (and 25, 75 IQR)

Median Daily PLT: Mean PLT Units Available in Blood (and 25, 75 IQR)

% blunt: percent of all trauma with blunt mechanism

%assault: percent of blunt injury that is assault related

%traffic: Percent of blunt injury that is traffic related

%GLF: Percent of blunt injury that is “ground level” or “fall from standing/chair/bed”

% Penetrating: percent of all trauma with penetrating mechanism

%GSW: percent of penetrating injury from gun shot wounds

%SW: percent of penetrating injury from stab wounds

HLOS Median and IQR

ICU LOS and IQR

Ventilator Days Median and IQR

of hospital beds: number of hospital beds

of COVID inpatients: Total number of admitted COVID patients hospital-wide

of COVID ICU: Total number of COVID patients admitted to ICU hospital-wide

of COVID Trauma: Total number of trauma patients + for SARS-CoV-2 (COVID)



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Total tested:	Total number of trauma patients tested for SARS-CoV-2 (COVID)
Total trauma admissions:	Total number of trauma patients admitted to hospital

Number of Resuscitative Thoracotomies

Number of Cricothyroidotomies

Number of REBOA

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Data Collection tool

Center Data

Level of Trauma Center
Verifying/Designating Body
Type of Trauma Center
Date elective Cases Cancelled
Date elective Cases resumed
Date of first case in encatchment
Date of peak new cases in encatchment
Date of peak deaths in encatchment
Date of stay-at-home commenced
Date stay-at-home lifted

Limitations of Care

Massive Transfusion
Date initiated (if applicable)
Date lifted (if applicable)
Resuscitative Thoracotomy
Date initiated (if applicable)
Date lifted (if applicable)
Cricothyroidotomy
Date initiated (if applicable)
Date lifted (if applicable)

Jan-Feb 2018 Feb-May 2018 June-August 2018 Jan-Feb 2019 Mar-May 2019 June-August 2019 Jan-Feb 2020 Mar-May 2020 June-August 2020

Mortality
Median Age
Age IQR
%Male
% Female
% other
%Caucasian
%Black
%Hispanic
%Asian
%other
Median ISS
ISS IQR
%blunt
%assault
%traffic
%GLF
%penetrating
%GSW
%SW
Mean Daily PRBC
Mean Daily FFP
Mean Daily PLT
HLOS Median
HLOS IQR
ICU LOS
ICU IQR
Vent Day Med
Vent Day IQR
COVID inpt
COVID ICU
#COVID (trauma)
primary testing method
Trauma tested
Trauma admissions
Resuscitative Thoracotomies
Cricothyroidotomy
REBOA

Memorandum

To: Estroff, Jordan, MD

From: The George Washington University Office of Human Research

Date: May 20, 2020

Study Title: Impact of the COVID-19 Pandemic on Trauma Related Outcomes and Resource Availability: An EAST Multicenter Trial

Re: Determination of Not Human Subjects Research

Regarding the Determination Worksheet submitted for the project entitled, "*Impact of the COVID-19 Pandemic on Trauma Related Outcomes and Resource Availability: An EAST Multicenter Trial*," a determination has been made that this project does not meet the definition of involving human subjects. That is, a living individual about whom an investigator 1) obtains data through intervention or interaction or 2) private identifiable information.

This determination is being made because the study will only be receiving aggregate, center-level data. No individual level data will be accessed or used for this study.

Further review by the GW IRB is not required.

Should your study change in such a way that it does meet the definition of human subjects research, please contact the Office of Human Research before proceeding.

Debra Paxton