

EXCELLENCE TODAY

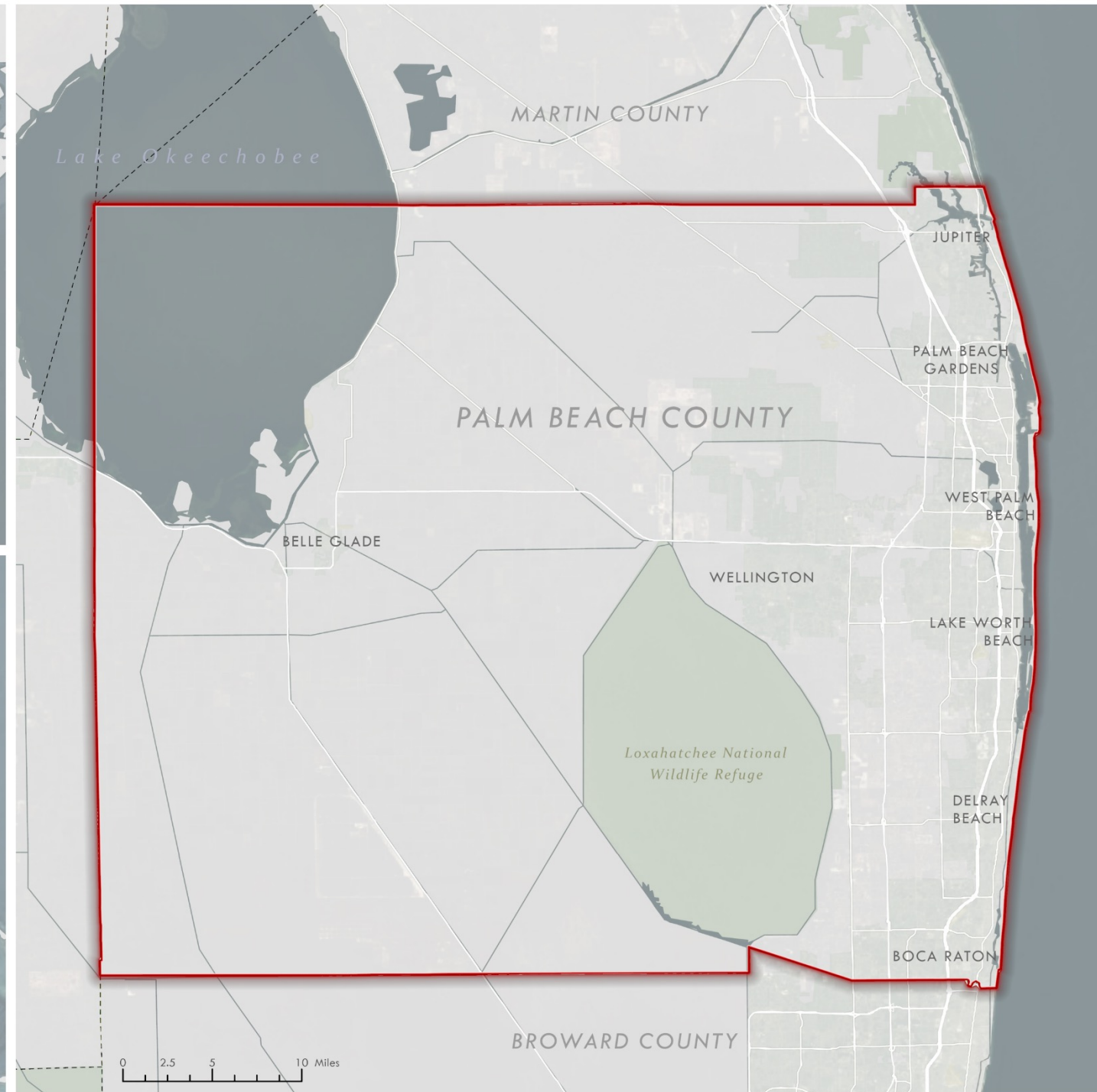
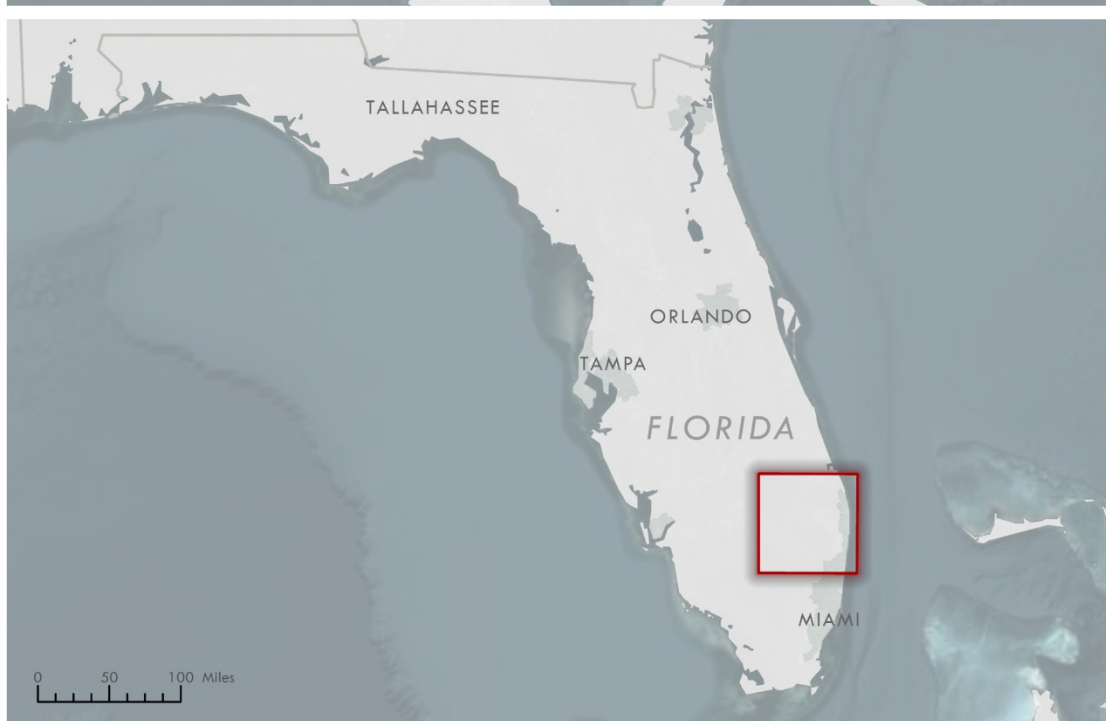


IMPROVING TOMORROW









LESSONS LEARNED FROM THE WHOLE BLOOD ACADEMY

INTEGRITY • UNITY • COMPASSION • ACCOUNTABILITY • DEDICATION



PBCFR DEMOGRAPHICS

-  **1800 square miles**
-  **Population served: 1 million**
-  **51 fire stations, Palm Beach International Airport**
-  **55 ALS transport units, 43 ALS engines, 6 ALS aerial trucks, 2 special operations units, 2 helicopters**
-  **1,783 Full Time Budgeted Positions and approximately 100 Volunteers**
-  **9 EMS Captains per day... 24/7**

EXCELLENCE TODAY



IMPROVING TOMORROW

LESSON #1... BRING EVERYONE TO THE TABLE

County Commissioners Meeting: December 7, 2021 PM



Fire Rescue Agreement with ONEBLOOD, Inc.

AGENDA ITEM:6F-2

COUNTY COMMISSIONERS BOARD MEETING

1:49 PM 12.7.2021



LESSON 7



Your trans



You should



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studies



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NATIONAL
WHOLE BLOOD
ACADEMY

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ed control

INTEGRITY

DEDICATION



THE BLOOD MAFIA

LESSON #3... TRACK

589

Views

0

CrossRef
citations to date

1

Altmetric



Original Contributions

Stewardship of Prehospital Low T Whole Blood in a Large Urban Fire System

William Bullock, Randall Schaefer, David Wampler, Michael Stringfellow, Ma Christopher "CJ" Winckler ✉

Pages 848-854 | Received 27 May 2021, Accepted 07 Oct 2021, Published online: 22 Nov 2021

“ Cite this article <https://doi.org/10.1080/10903127.2021.1992052>



[Full Article](#) [Figures & data](#) [References](#) [Supplemental](#) [Citations](#) [Metrics](#)

INTEGRITY • UNITY • COMPASSION • ACC



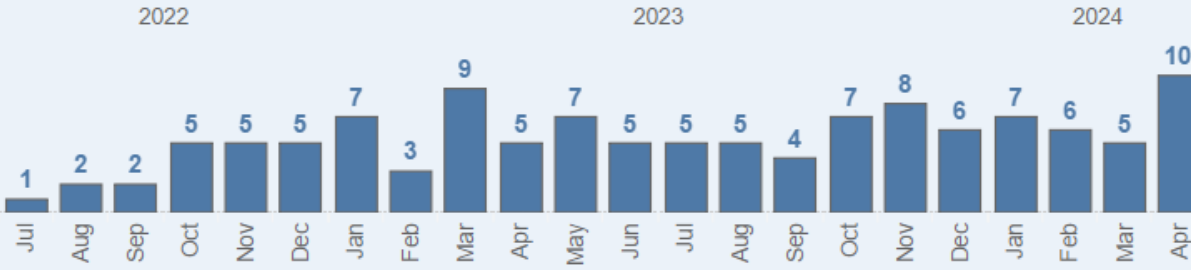


119
Patients

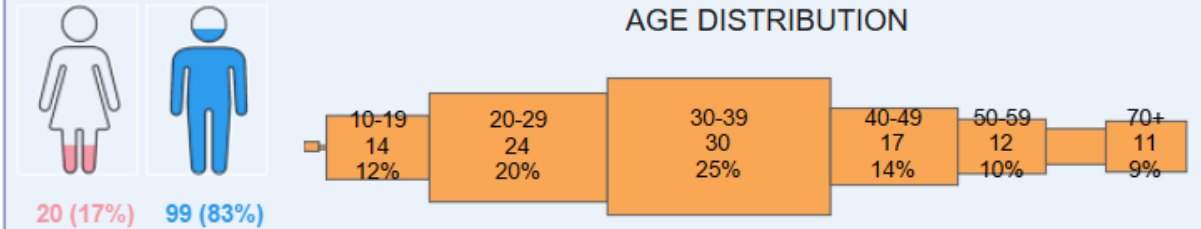
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Start Date 7/1/2022
End Date 4/30/2024

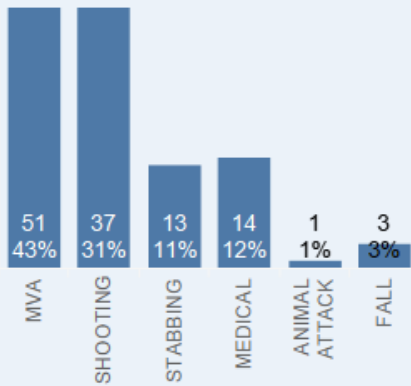
MONTHLY VOLUME



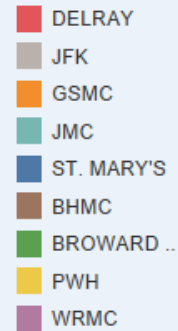
AGE DISTRIBUTION



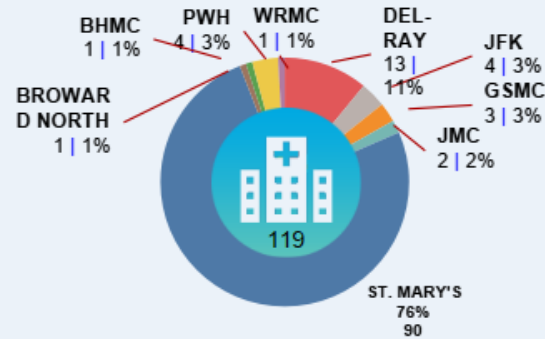
MECHANISM OF INJURY



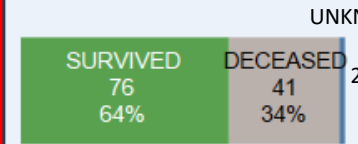
DESTINATION



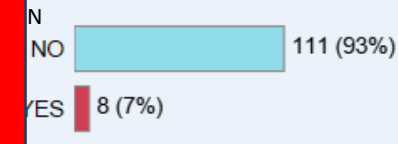
DESTINATION



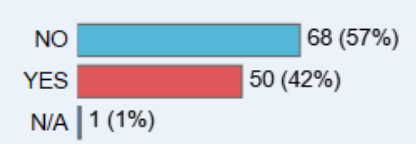
PATIENT OUTCOME



FINGER THORACOSTOMY

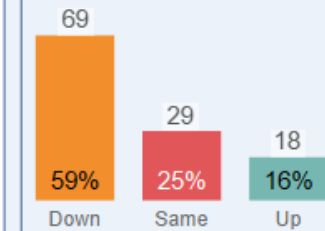


INTUBATIONS



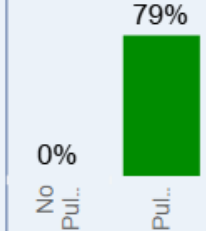
SHOCK INDEX

patients with an initial pulse

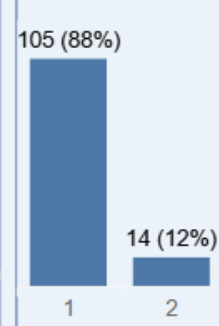


SURVIVAL RATE

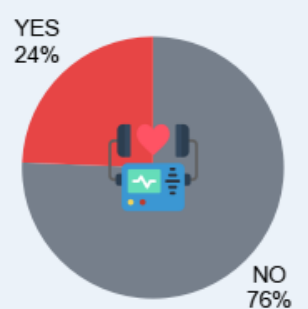
Pre-WB Pulse



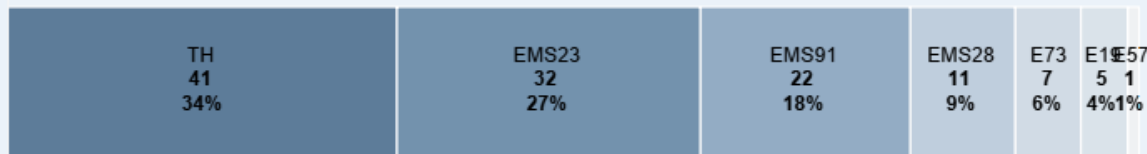
UNITS GIVEN



CARDIAC ARREST

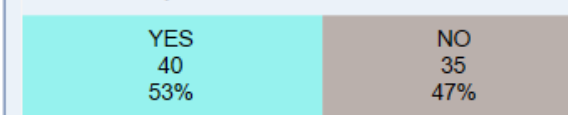


RESPONDING UNIT

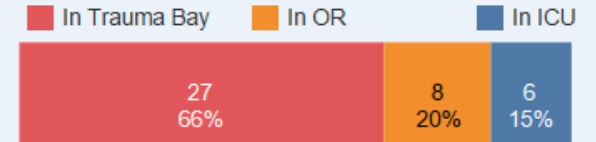


TXA RECEIVED

*Data as of May 2023



DECEASED LOCATION



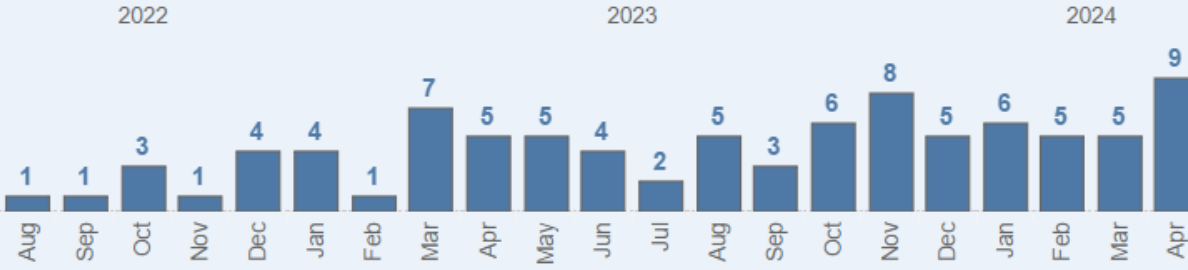


90
Patients

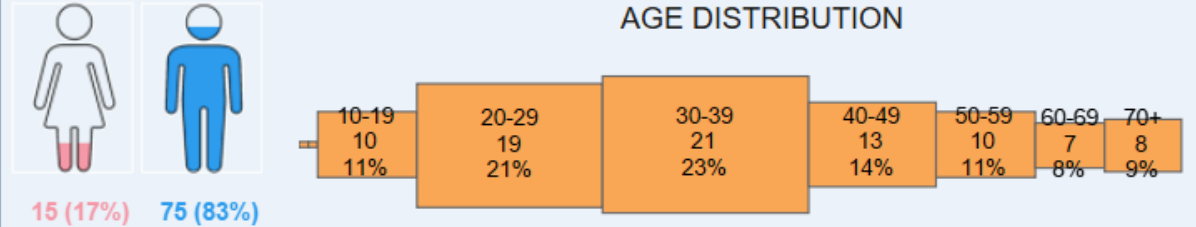
Filters applied: Patients with NO Cardiac Arrest.

Start Date 7/1/2022
End Date 4/30/2024

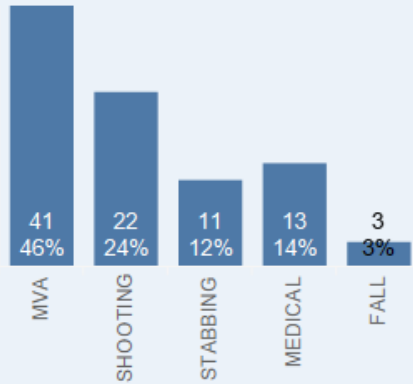
MONTHLY VOLUME



AGE DISTRIBUTION



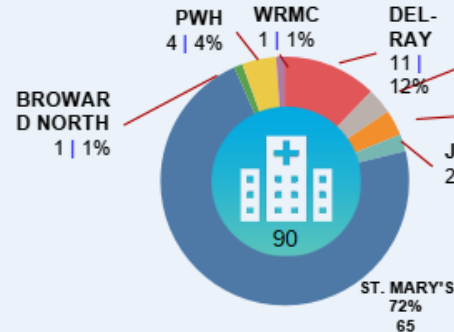
MECHANISM OF INJURY



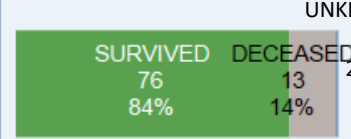
DESTINATION

- DELRAY
- JFK
- GSMC
- JMC
- ST. MARY'S
- BROWARD ..
- PWH
- WRMC

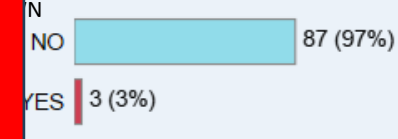
DESTINATION



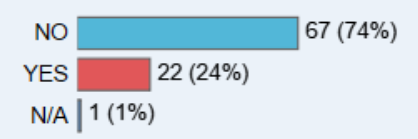
PATIENT OUTCOME



FINGER THORACOSTOMY

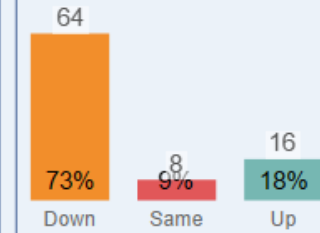


INTUBATIONS



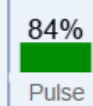
SHOCK INDEX

patients with an initial pulse

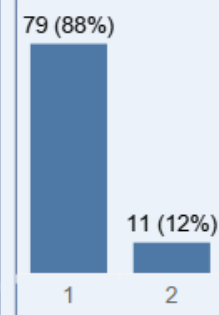


SURVIVAL RATE

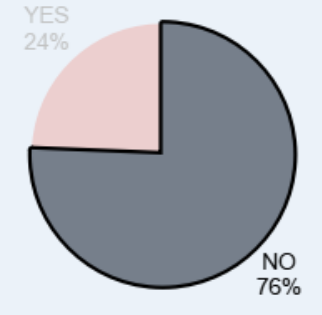
Pre-WB Pulse



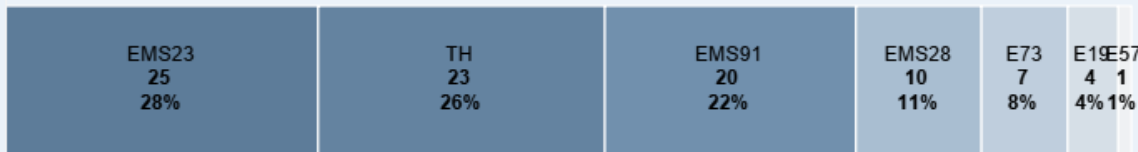
UNITS GIVEN



CARDIAC ARREST



RESPONDING UNIT

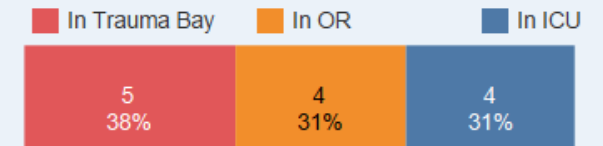


TXA RECEIVED

*Data as of May 2023



DECEASED LOCATION



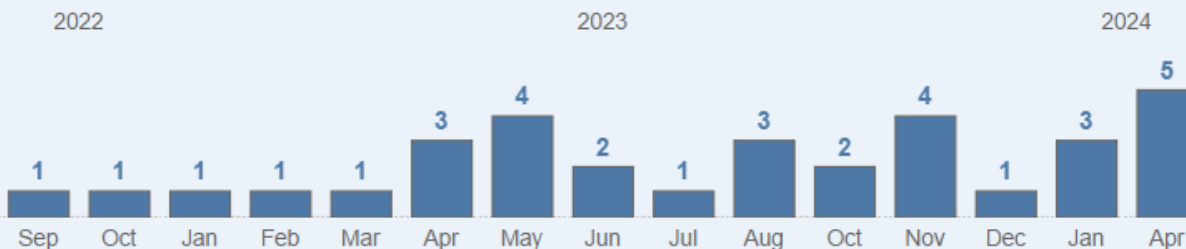


33
Patients

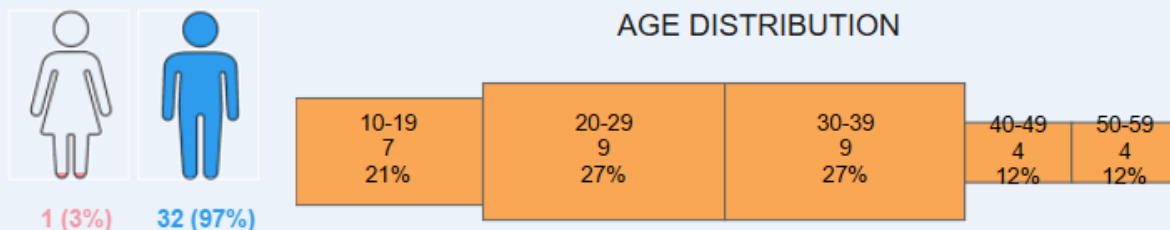
Filters applied: Patients with Traumatic Penetrating MOI & NO Cardiac Arrest.

Start Date 7/1/2022
End Date 4/30/2024

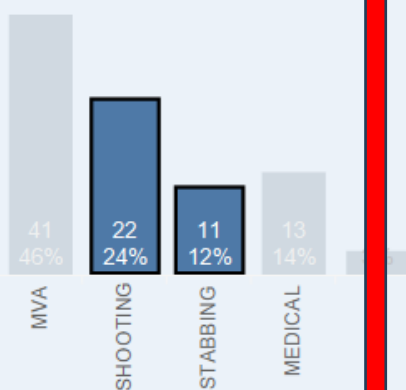
MONTHLY VOLUME



AGE DISTRIBUTION

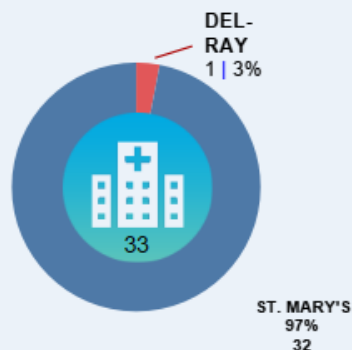


MECHANISM OF INJURY



DESTINATION
■ DELRAY
■ ST. MARY'S

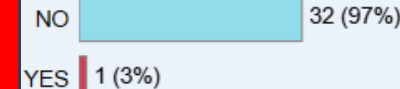
DESTINATION



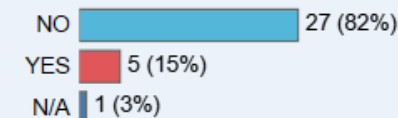
PATIENT OUTCOME



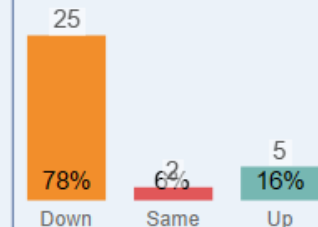
FINGER THORACOSTOMY



INTUBATIONS



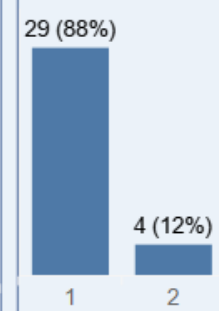
SHOCK INDEX patients with an initial pulse



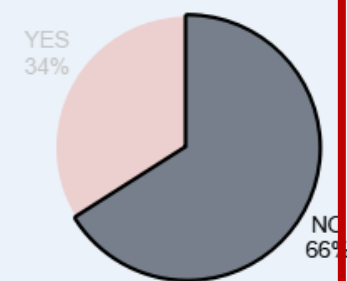
SURVIVAL RATE Pre-WB Pulse



UNITS GIVEN



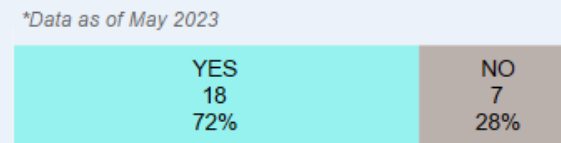
CARDIAC ARREST



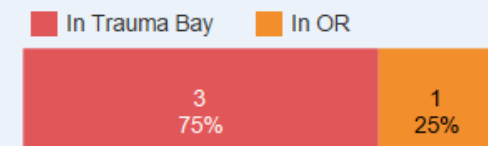
RESPONDING UNIT



TXA RECEIVED



DECEASED LOCATION



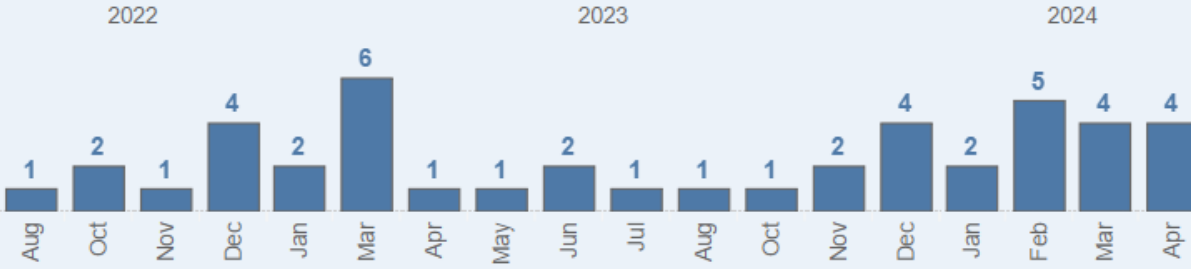


44
Patients

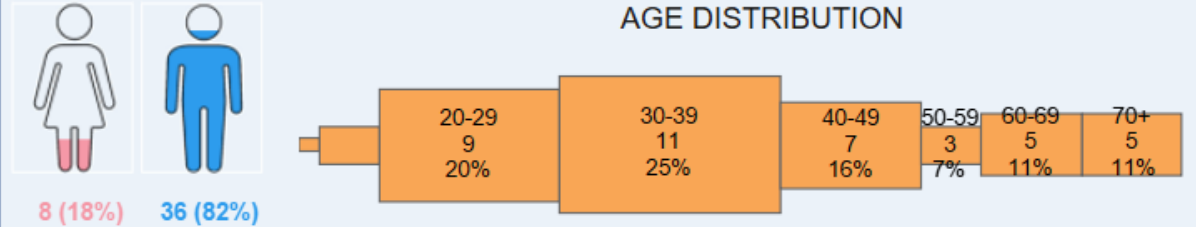
Filters applied: Patients with Traumatic
Blunt MOI & NO Cardiac Arrest.

Start Date 7/1/2022
End Date 4/30/2024

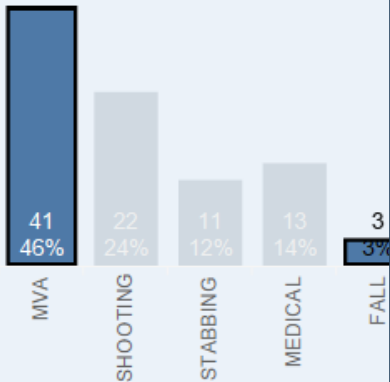
MONTHLY VOLUME



AGE DISTRIBUTION



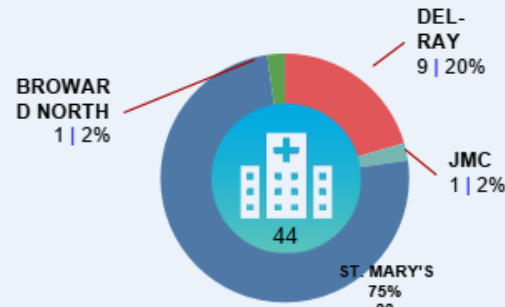
MECHANISM OF INJURY



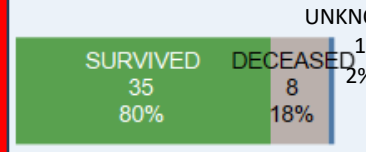
DESTINATION

DESTINATION
■ DELRAY
■ JMC
■ ST. MARY'S
■ BROWARD ...

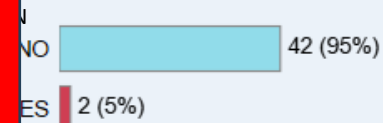
DESTINATION



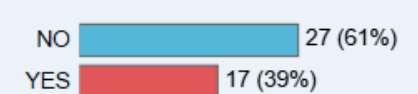
PATIENT OUTCOME



INGER THORACOSTOMY

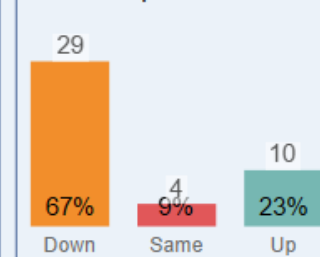


INTUBATIONS



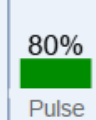
SHOCK INDEX

patients with an initial pulse

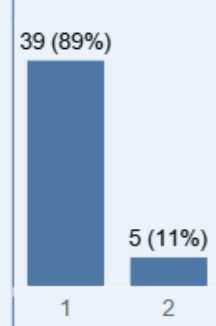


SURVIVAL RATE

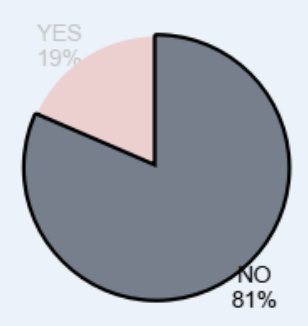
Pre-WB Pulse



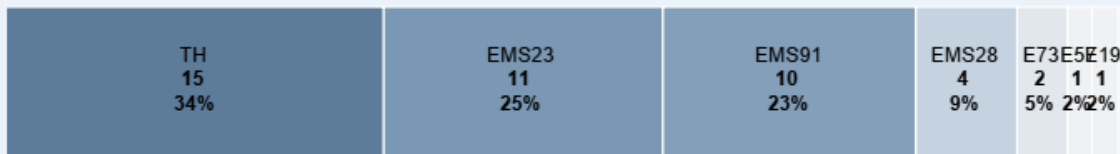
UNITS GIVEN



CARDIAC ARREST

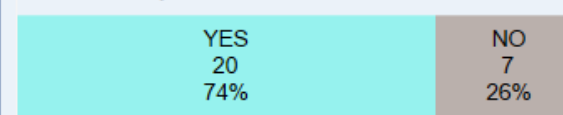


RESPONDING UNIT

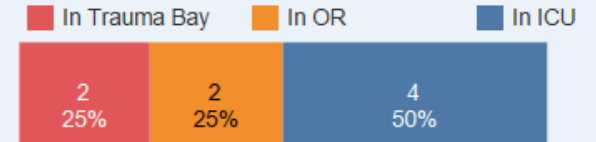


TXA RECEIVED

*Data as of May 2023



DECEASED LOCATION





12
Patients

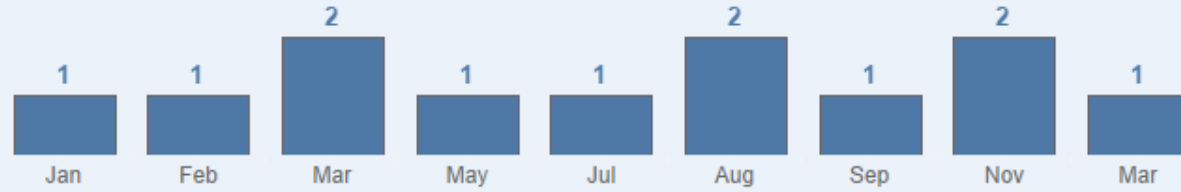
Filters applied: 2 Units given & NO Cardiac Arrest.

Start Date 7/1/2022
End Date 4/30/2024

MONTHLY VOLUME

2023

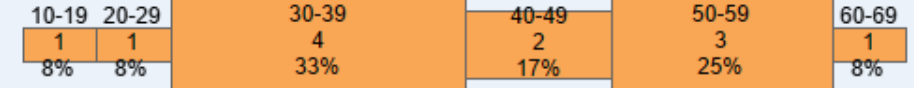
2024



AGE DISTRIBUTION

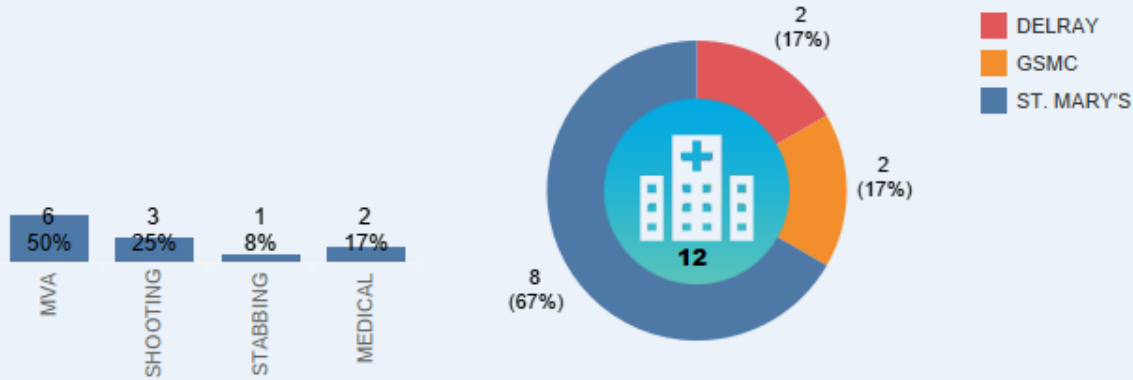


2 (17%) 10 (83%)



MECHANISM OF INJURY

DESTINATION

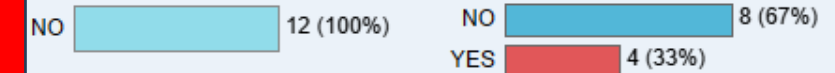


PATIENT OUTCOME



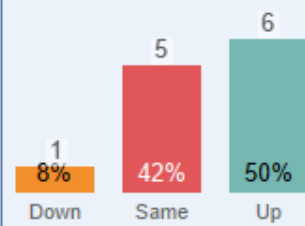
FINGER THORACOSTOMY

INTUBATIONS



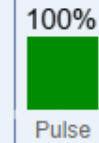
SHOCK INDEX

patients with an initial pulse

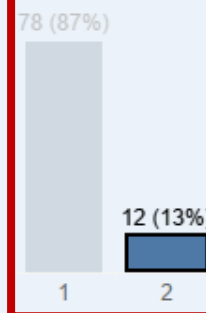


SURVIVAL RATE

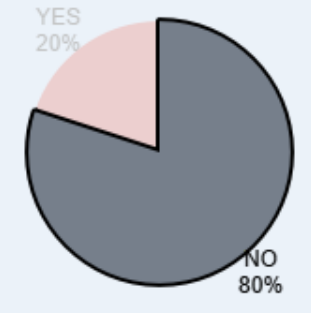
Pre-W B Pulse



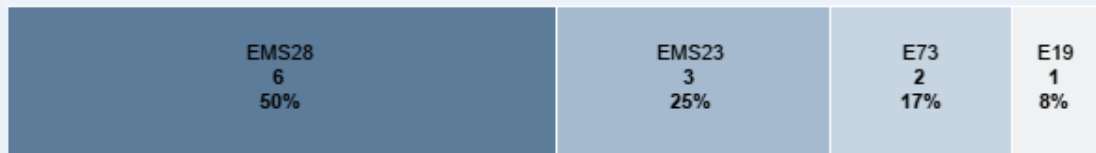
UNITS GIVEN



CARDIAC ARREST

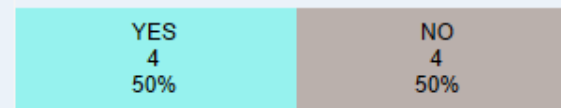


RESPONDING UNIT



TXA RECEIVED

*Data as of May 2023



DECEASED LOCATION

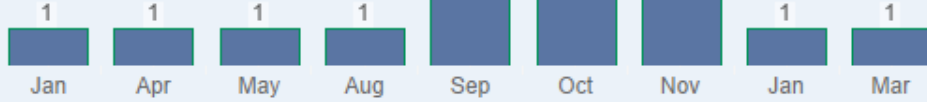


14
Patients

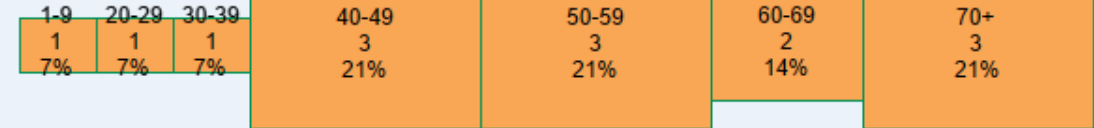
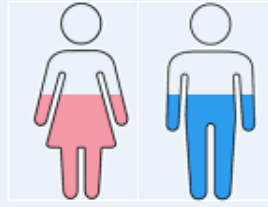
MONTHLY VOLUME

2023

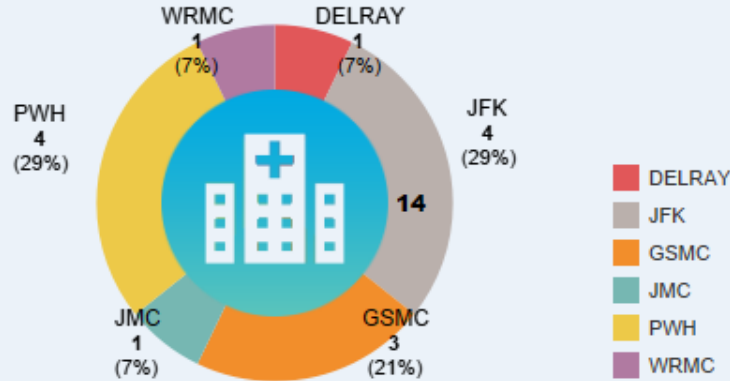
2024



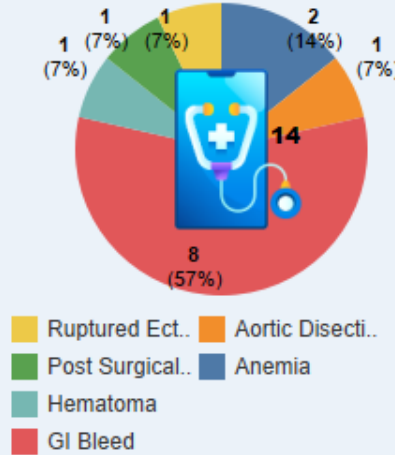
AGE DISTRIBUTION



DESTINATION



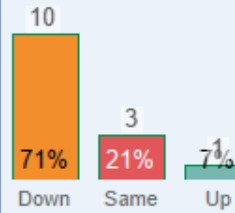
DIAGNOSES



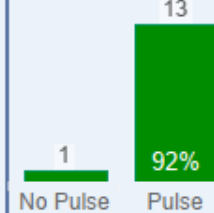
PATIENT OUTCOME



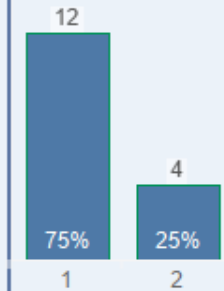
SHOCK INDEX patients with an initial pulse



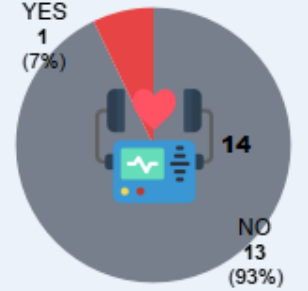
SURVIVAL RATE Pre-WB Pulse



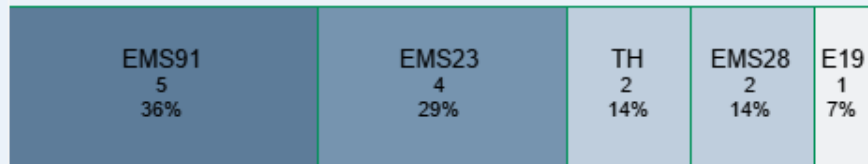
UNITS GIVEN



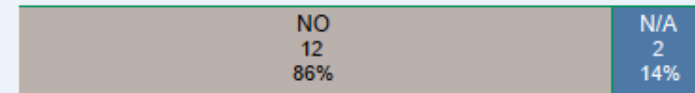
CARDIAC ARREST



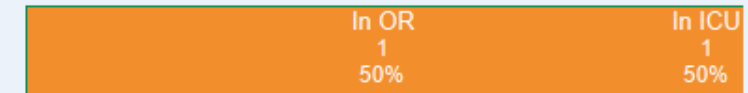
RESPONDING UNIT



TXA RECEIVED




DECEASED LOCATION





RESEARCH REPORT

The Implementation of a Prehospital Whole Blood Transfusion Program and Early Results

Charles Coyle, EMT-P;¹ Tony Zitek, MD;²  Paul E. Pepe, MD, MPH;¹ Madonna Stotsenburg, RN;³
Kenneth A. Scheppke, MD;¹ Peter Antevy, MD;¹ Richard Giroux, DO;¹ David A. Farcy, MD^{1,2}



LESSON #4... CELEBRATE THE VICTORIES

[Home](#)[About](#)[Programs](#)[Admissions](#)[Tuition and Financial Aid](#)[Research](#)[Student Life](#)[Alumni](#)

[Home](#) > [News items](#) > Whole blood program transfuses 1,000th patient

Whole blood program transfuses 1,000th patient

Kate Hunger

Thursday, September 29, 2022

INTEGRITY • UNITY • COMPASSION • ACCOUNTABILITY • DEDICATION



February 2024



**NBC NEWS
INVESTIGATES**

CALLS FOR RESCUE VEHICLES TO CARRY BLOOD



EXCELLENCE TODAY



IMPROVING TOMORROW



GAME CHAN



10:19



Neil >

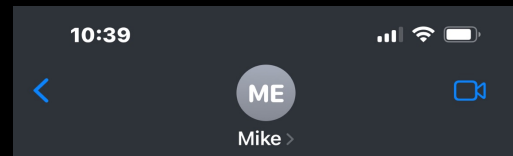
My pleasure! I'm just ge
home and I'm on cloud
brother, felt good after
years to actually be abl
do something besides k
ass for a Pt like this. Lor
overdue, excited to get
the next one!



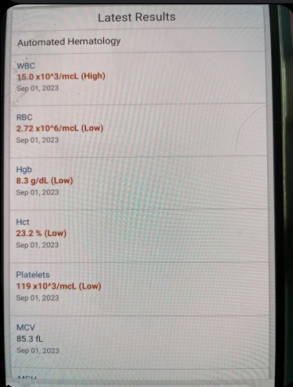
ROW

1

GAME CHANGER

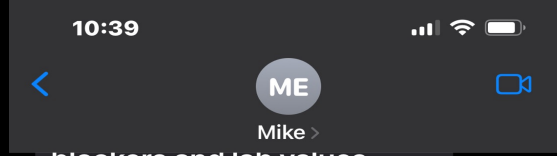


Post tavers x3 days patient "complications" and bleeding several near syncopal episodes today. Bp 70/p. Hr in the 80's on beta blockers and lab values

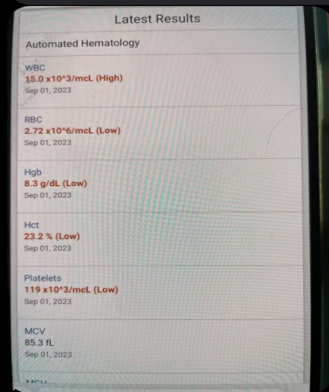


How was the BP after?

108/80 I think
Much improved color and said he felt much better



blockers and lab values



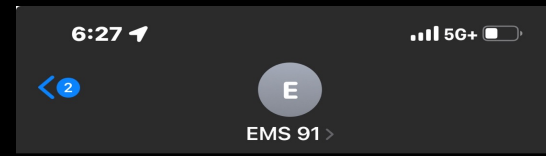
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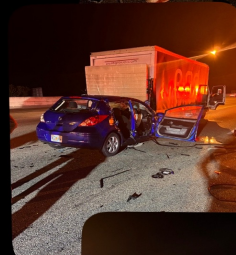
Magic in a bag!!

Soo cool!

And just in time for my new blood 🩸 😊



EMS91 admin WB to 19 y/o male on I95. Driver heavy front end damage, Femur, ABD, initial BP 88/50 HR 130, post 1 unit whole blood BP 120/80 HR 102 and moving lower. I need MORE! lol



+ Text Message



Another unit of blood that doesn't go to waste out west. GSW

My man!!!

Pulse 92 bp 78/46 to pulse 64 bp 115/64

+ iMessage

LESSON#5 DEMONSTRATE GRATITUDE & GIVE BACK

Message from strac.org



Charles Coyle <CCoyle@pbcgov.org>

Friday, September 2, 2022 at 6:10 AM

To: eric.epley@strac.org; Cc: michelle.jones@strac.org

Mr. Epley,

My name is Charles Coyle, and I am the EMS Chief from Palm Beach County Fire Rescue. My team and I attended your Whole Blood Academy and recently launched our program at PBCFR (July 6th).

We have had four cases, and in one of the cases, the trauma surgeon personally called us to inform the team that the administration of Whole Blood saved this patient's life.

I wanted to say THANK YOU to your entire team at STRAC. We learned so much at your academy and adjusted several things before we launched after attending your class. We consistently give credit to your program when discussing Whole Blood administration.

Please call me if we can ever assist your team in any fashion.

Sincerely,

Charles Coyle
(954) 818-1642



EXCELLENCE TODAY

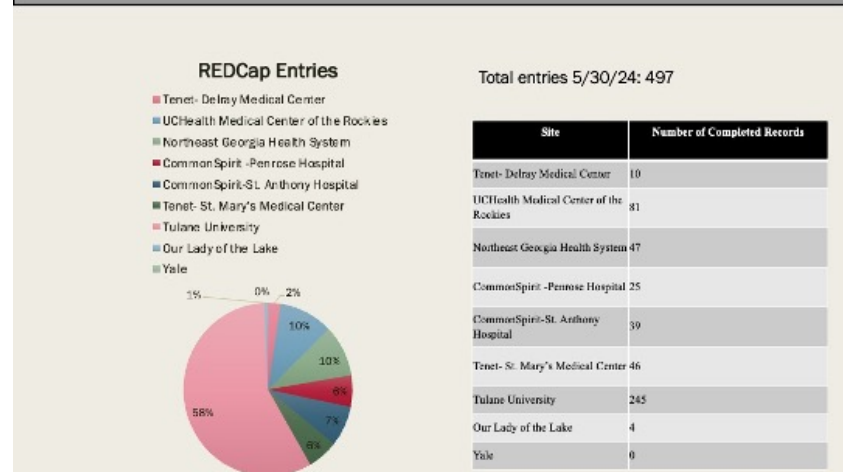


IMPROVING TOMORROW



SPARC REGISTRY

jduchesn@tulane.edu



THANK YOU!!

1. Bring everyone to the table
2. Be prepared for the naysayers
3. Track your data, publish the results
4. Celebrate the victories
5. Attitude for gratitude

Charlie Coyle
ccoyle@pbc.gov
(954) 818-1642



#SPARC2024



EXCELLENCE TODAY



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