



# Trauma Survivors Outcomes & Support: Barriers, Challenges & Lessons Learned

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# Trauma Survivors Outcomes & Support (TSOS)



## TSOS Collaborative Team

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# TSOS UH3 Overview

- Barriers/Challenges Scorecard
- Generalizable Lesson Learned (With an Eye to Pragmatic Trial Grant Review):

“What Constitutes the Requisite Elements of the Approach to the TSOS Trial?”

# TSOS Barriers Scorecard

Barrier	Level of Difficulty				
	1	2	3	4	5
Enrollment and engagement of patients/subjects			X		
Engagement of clinicians and Health Systems		X			
Data collection and merging datasets			X		
Regulatory issues (IRBs and consent)				X	
Stability of control intervention	X				
Implementing/Delivering Intervention Across Healthcare Organizations		X			

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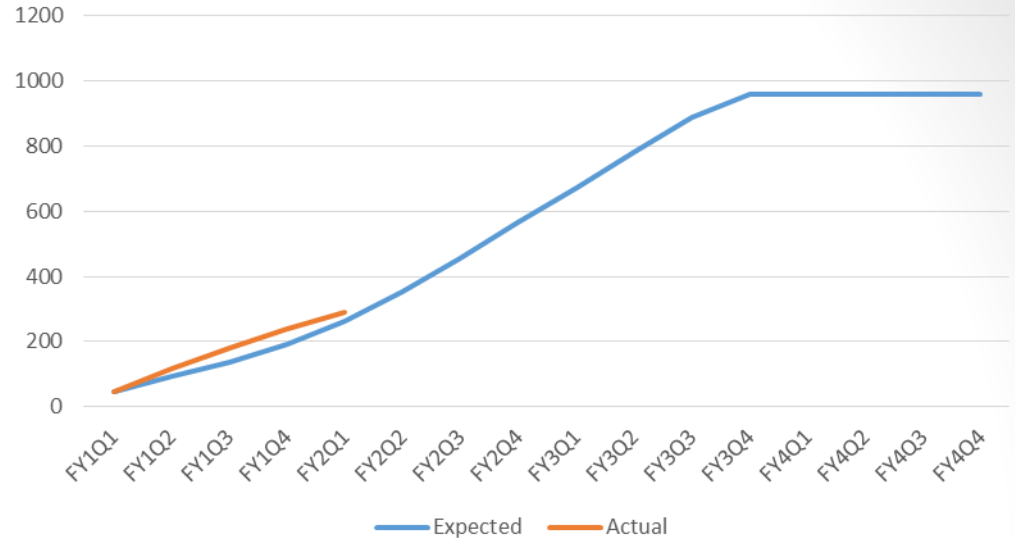
Study: UH3 Project: Trauma Survivors Outcomes and Support

Principal Investigator: Douglas Zatzick, MD

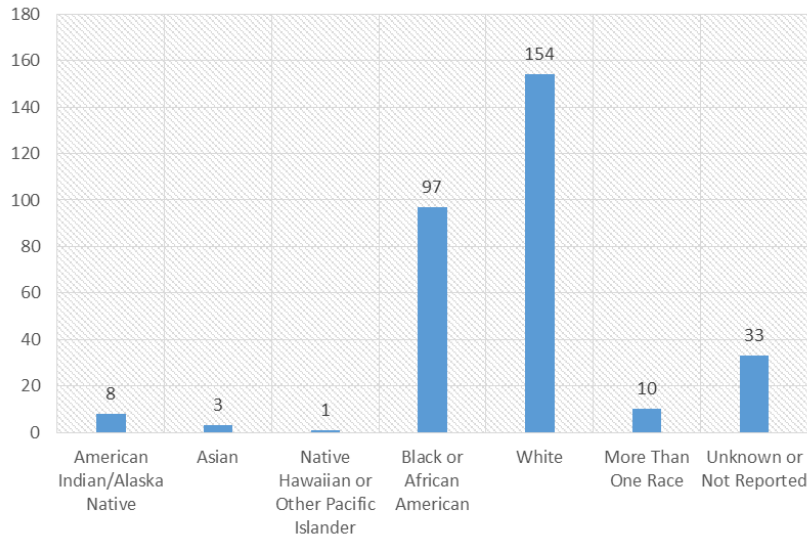
NIH Grant Number: UH3 MH106338-02

UH3 Award Date: August 2015

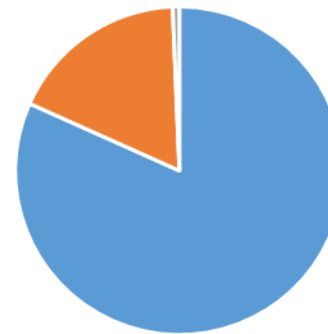
Total Active Subjects to Date



Race FY2Q1



Ethnicity FY2Q1



Gender FY2Q1



- Not Hispanic or Latino
- Female
- Hispanic or Latino
- Male
- Unknown/Not Reported Ethnicity
- Unknown

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# Barriers, Challenges & Lessons Learned: Essential Elements of the TSOS Approach

## Challenges

- 25 Site Regulatory Issues
- Multisite IT Harmonization



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Data collection and merging datasets			X		
Regulatory issues (IRBs and consent)				X	
Stability of control intervention	X				
Implementing/Delivering Intervention Across Healthcare Organizations		X			



# Barriers, Challenges & Lessons Learned: Essential Elements of the TSOS Approach

## Challenges

- 25 Site Regulatory Issues
- Multisite IT Harmonization

## Strengths

- Intervention Development & Roll-out
- In-depth Understanding of Trauma Care System Practice Change

# Trial Roll-out: Stepped Wedge Design Targets Practice Change by Beginning with Provider Feedback on Control Patients

## Why TSOS? The Problem

### Traumatic injury:

- PTSD, depression, suicidal ideation
- High risk behaviors (e.g., alcohol)
- Traumatic brain injury, all common

Patients “sail off of a flat earth”  
after trauma center care



From Darnell & Zatzick TSOS Training Slide Set

# Summary TSOS Lessons Learned

- Four Key Elements to TSOS **Approach**
  - 25 Site Regulatory Issues
  - Multisite IT Harmonization
  - Intervention Development & Roll-out
  - In-depth Understanding of Trauma Care System Practice Change
- For grant review: all elements could be considered essential requisites to pragmatic trial roll-out