

Ohio

Committee on Trauma

Richard L. George, MD, MSPH

ACS / AMERICAN COLLEGE
OF SURGEONS

Disclaimer

- These are my thoughts, not those of the ACS, ACS COT, or my employer.
- I have no paid industry relationships – but, feel free to send them my way

Overview

- History
- Ohio Trauma System
- Ohio Trauma 'Interested Parties'
- Where do we go from here?

Ohio *History*

The Ohio Committee on Trauma was established in the early 1970s.

- The first chairman was Dr. Bob Heide, an orthopedist from Cincinnati.
- ~1976, the Committee was lead by Dr. Bob Waltz, a Cleveland general surgeon.
- Followed in 1981 by Dr. Robert Zollinger of Cleveland.
- Dr. Richard Fratianne became the chairman in 1983 and held meetings in conjunction with the Ohio Chapter of the American College of Surgeons.
 - Initial meetings focused on advancing trauma education through the development of Advanced Trauma Life Support (ATLS) courses throughout the state.

Ohio *History*

- In 1984, the Ohio COT hosted guest speakers from the Pennsylvania trauma system.
 - Following their presentation, the group developed a trauma systems plan that represented the first efforts to establish a statewide trauma system.
- In 1996, the Ohio COT became actively involved in efforts to pass HB 138, trauma systems legislation sponsored by Rep. William Schuck, R-Columbus. Other Ohio organizations and Ohio COT actively lobbied for HB 138 and the bill passed in May 2000, formalizing a State Trauma System.
- OCOT and The Ohio Chapter of the American College of Surgeons (OCACS) have historically worked together closely, including sharing management services.
- The Ohio COT is one of only two state Committees on Trauma managed by an Association Management Company and the **only** state Committee on Trauma to be managed by the American College of Surgeons.

Ohio *Leadership*



**Richard George,
MD, MSPH, FACS**
Chair



**Peter Ekeh,
MD, FACS**



**Laura Kreiner,
MD, FACS**



**Matthew
Moorman,
MD, FACS**



**Meera Kotagal,
MD, MPH, FACS**



**Melissa Whitmill,
MD, FACS**



**Timothy Pritts,
MD, FACS**



**Urmil Pandya,
MD, FACS**



**Emily
Maurer,
Administrator**

Ohio *Proclamation*

“On behalf of the State of Ohio, we are proud to recognize the 100th anniversary of the American College of Surgeons (ACS) Committee on Trauma (COT). Throughout the past 100 years, you have provided invaluable care to the injured. Your 52 trauma centers in Ohio is vital for the health of Ohioans. We are grateful for your continued commitment and dedication, and we extend our best wishes for many years to come.”



Mike DeWine and Jon Husted
Governor and Lieutenant Governor of Ohio

do hereby officially recognize the

AMERICAN COLLEGE OF SURGEONS
COMMITTEE ON TRAUMA

UPON CELEBRATING YOUR
100TH ANNIVERSARY

On behalf of the State of Ohio, we are proud to recognize the 100th anniversary of the American College of Surgeons (ACS) Committee on Trauma (COT). Throughout the past 100 years, you have provided invaluable care to the injured. Your 52 trauma centers in Ohio is vital for the health of Ohioans. We are grateful for your continued commitment and dedication, and we extend our best wishes for many more years of success.

On this 1st day of April 2022:

Mike DeWine

Mike DeWine
Governor

Jon Husted

Jon Husted
Lieutenant Governor



Trauma Paper Competition

Region 5 Winners

2018 – Clinical Research

Sarah E. Posillico, MD, Cleveland, OH

“Bedside dysphagia screens in patients with traumatic cervical injuries: An ideal tool for an under-recognized problem”

2017 – Basic Laboratory Science

Teresa C. Rice, MD, Cincinnati, OH

“Multiple methods to increase sphingosine rescue burn mice from lung *Pseudomonas Aeruginosa* infection”

Trauma Paper Competition

National Winner

2017 – Basic Laboratory Science, 1st Place

Teresa C. Rice, MD, Cincinnati, OH

“Multiple methods to increase sphingosine rescue burn mice from lung
Pseudomonas Aeruginosa infection”

Trauma Paper Competition

2022 OCOT Winners

Basic Science Category, 1st Place

Dr. Taylor Wallen, Univ. of Cincinnati

“Defining Endotheliopathy in Murine Polytrauma Models”

Basic Science Category, Runner Up

Dr. Matthew Baucom, Univ. of Cincinnati

“Predictive Value of Early Inflammatory Markers in Trauma Patients”

Clinical Category, 1st Place

Dr. Matthew Baucom, Univ. of Cincinnati

“Evaluating the Utility of High Sensitivity Troponin in Blunt Cardiac Injury”

Clinical Category, Runner Up

Dr. Taylor Wallen, Univ. of Cincinnati

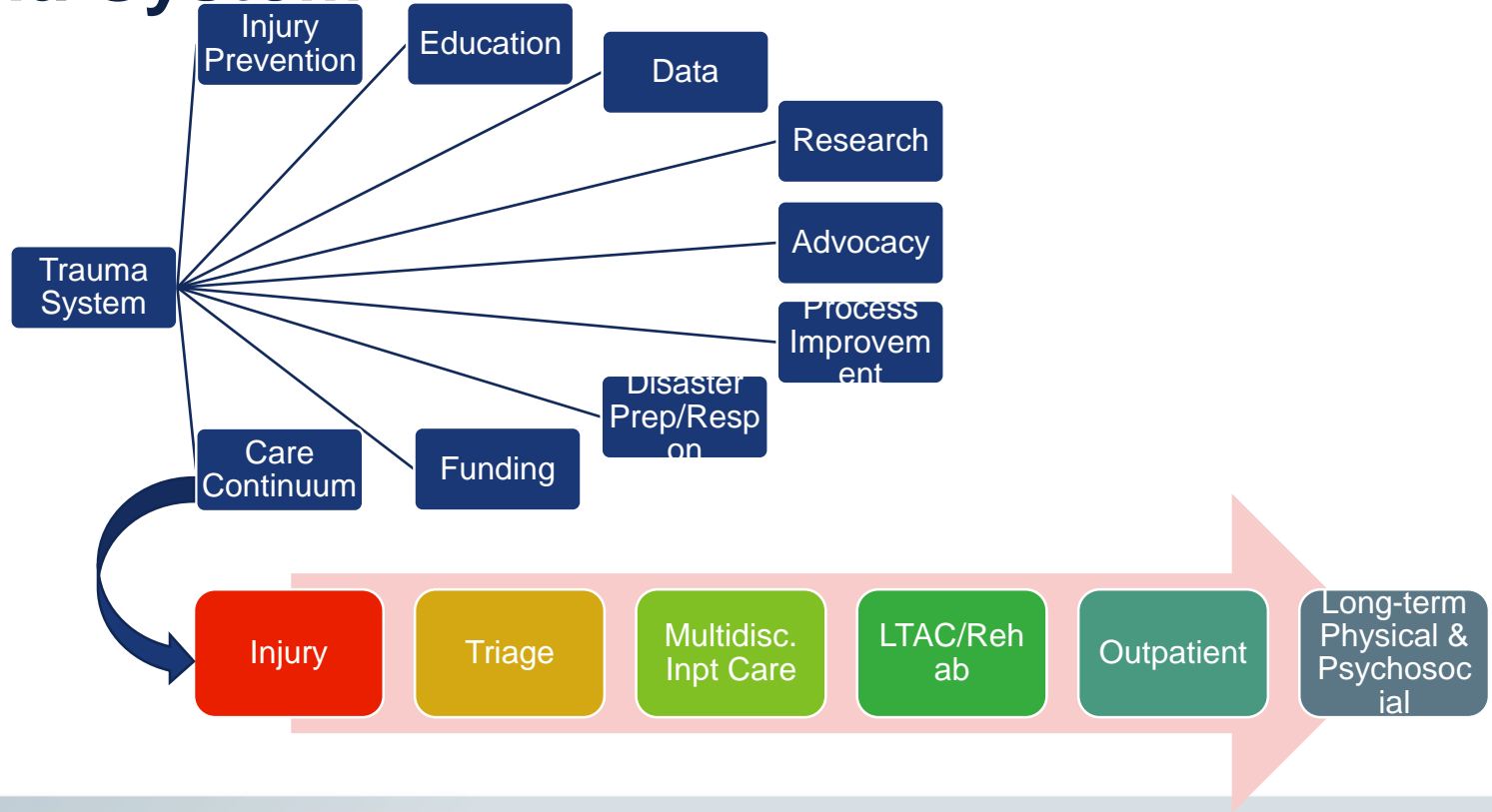
“Tracheostomy Decreases Continuous Analgesia and Sedation Requirements”

Trauma System

Ohio *History*

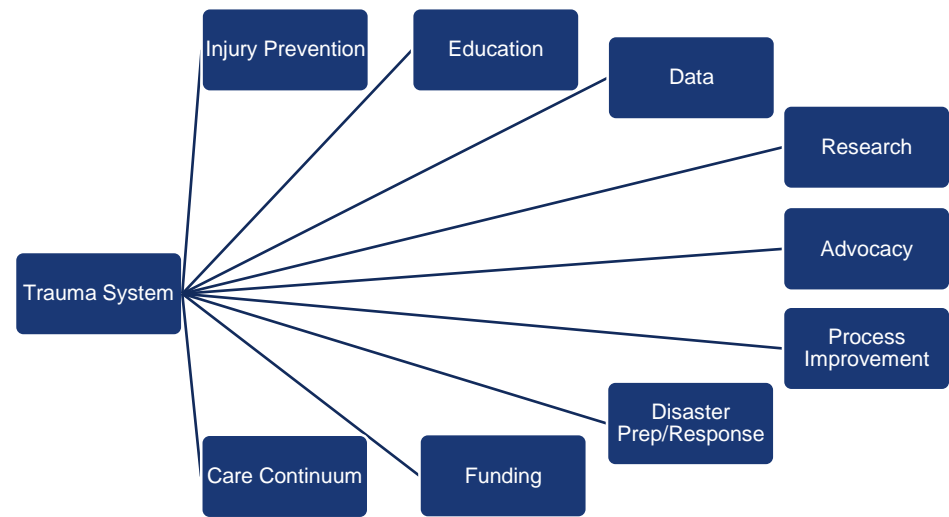
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Trauma System



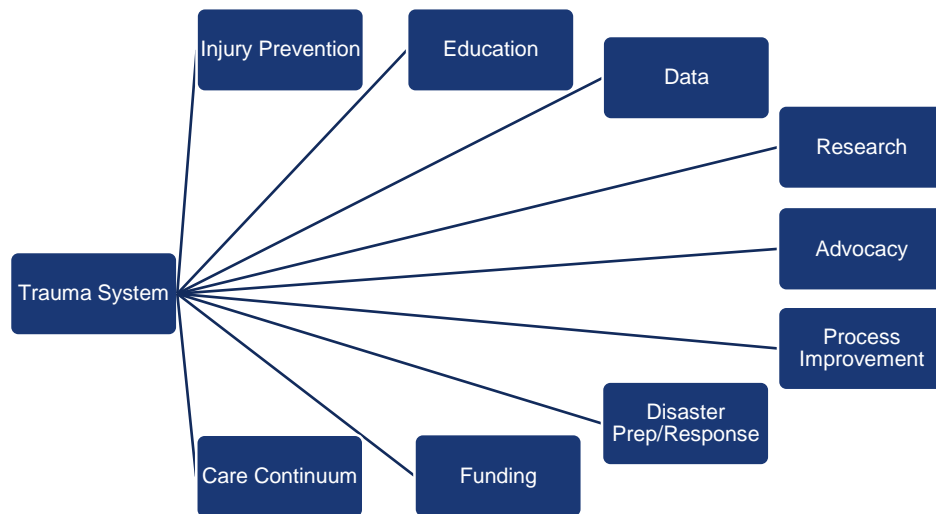
Ohio *Trauma System*

- Injury Prevention
 - ODH Ohio Injury Prevention Partnership
 - RTOs and local IP efforts
- Education
 - ATLS, TEAM, ASSET, ATOM, RTTDC, STB, TNCC, TCAR, AOTR TR, OSTNL TQIP sessions, EMS/RN/APP/Physician CE/CME



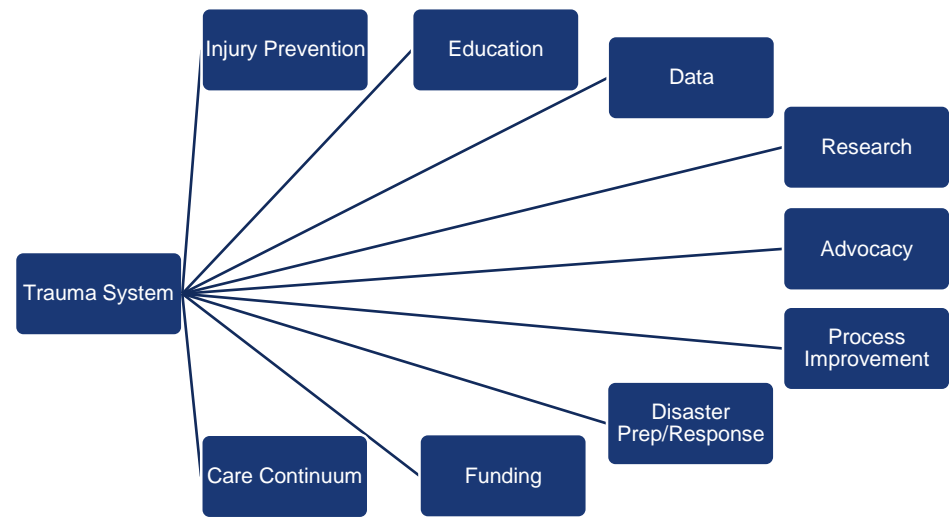
Ohio *Trauma System*

- Data
 - EMSIRS (ODPS)
 - Ohio Trauma and Acute Care Registry (ODPS)
 - Trauma Rehab Registry (ODPS)
 - Local/Regional Registries
- Research
 - Limited access to TACR
 - ODPS funded projects



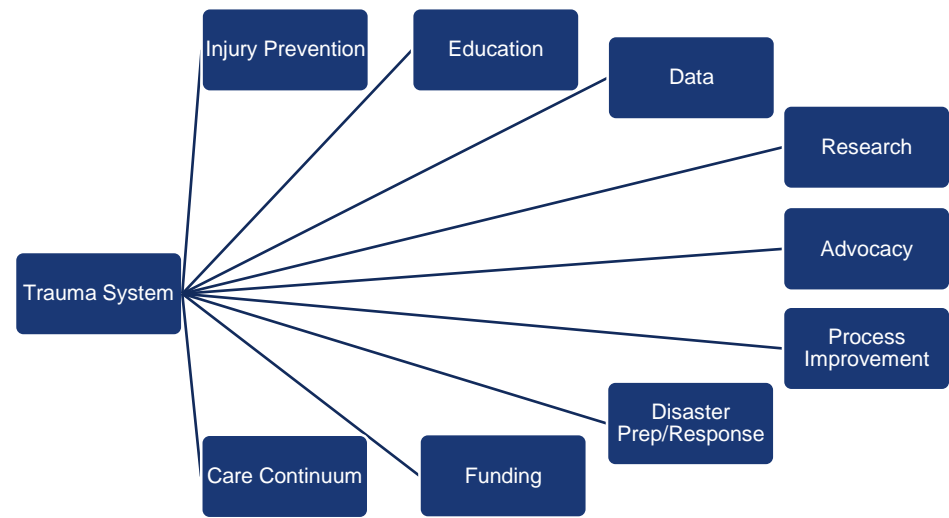
Ohio *Trauma System*

- Advocacy
 - ✓HB 138, ✗HB 261
- Process Improvement
 - Workgroup under Trauma Committee
 - ORTOC
 - OTQIP Collaboratives (Adult & Peds)
- Disaster Preparedness/Response
- Funding



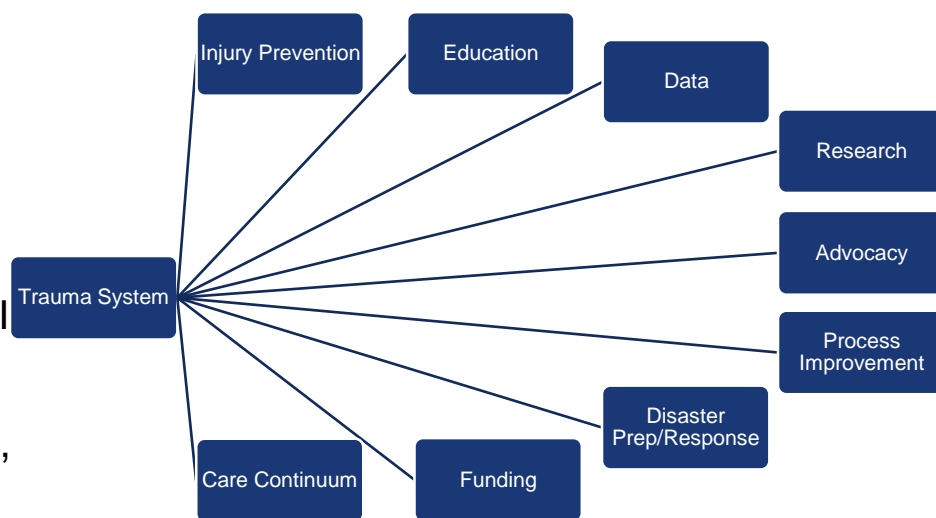
Ohio *Trauma System*

- Other Observations
 - State EMS Trauma Triage
 - 5 Exceptions
 - Medical necessity for initial assessment/stabilization
 - Adverse weather/excessive transportation time
 - Transportation would cause shortage of local EMS resources
 - No TC able to receive w/o undue delay
 - Patient/LNOK request



Ohio *Trauma System*

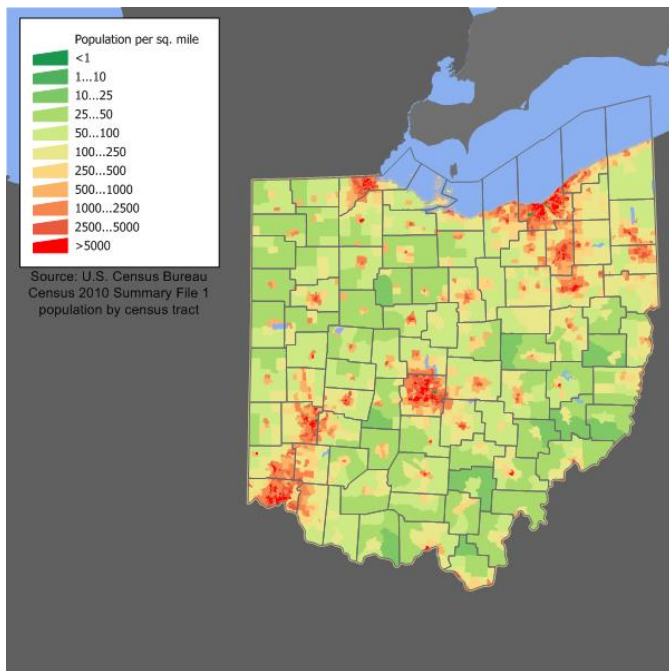
- Trauma Center Proliferation
 - In 2000, 14 Trauma Centers (Level I & II)
 - ~ 2015, 43 Trauma Centers (Level I, II, & III)
 - In 2022, 53 + 4 provisional



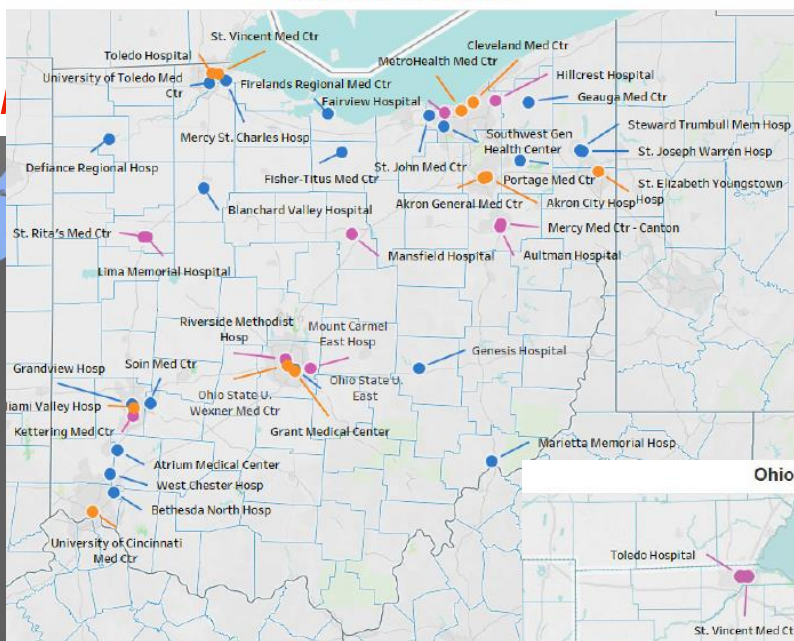
	Level I	Level II	Level III	Total
Adult	11	10	24	45
Peds	4	4	0	8
Total	15	14	24	53*

* Not including 4 Adult Provisional Centers

Ohio Adult Trauma Centers

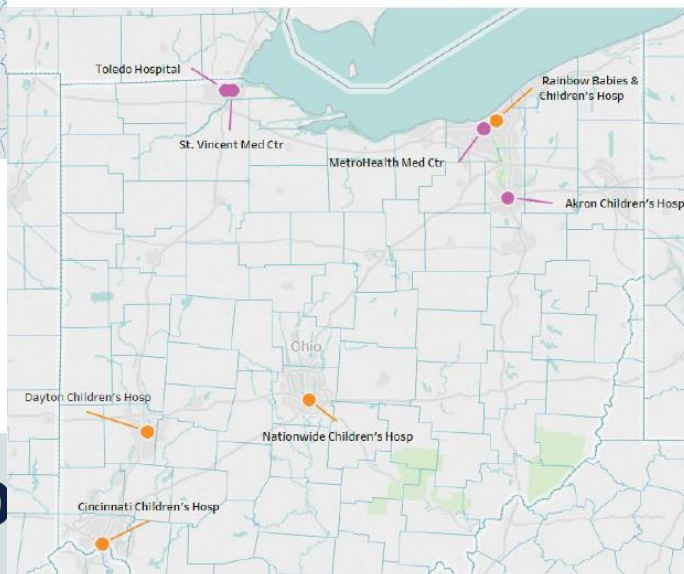


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By ODPS, Nov 26, 2019
Orange – Level I
Purple – Level II
Blue – Level III

Ohio Pediatric Trauma Centers



Ohio Trauma 'Interested Parties'

Joining Forces

Who are the interested parties wrt acutely injured patients?

Broadly: EMS/Fire, Hospital Administrators, Nurses, APP/Physicians,
Registrars/Data Managers

How Are Interested Parties Represented?

- AOTR – Alliance of Ohio Trauma Registrars
- EMFTS – Ohio's State Board of Emergency Medical, Fire, and Transportation Services
 - Trauma Committee
 - RPAB – Reg. Phys. Adv. Boards
- ORTOC – Ohio Regional Trauma Organization Consortium
- Lita Holdeman, President
- Rob Wagoner, Exec Director
- Kent Appelhans, Chair
- Diane Simon, Chair
- Dr. Carol Cunningham, St. Med. Dir
- Danielle Rossler, Chair

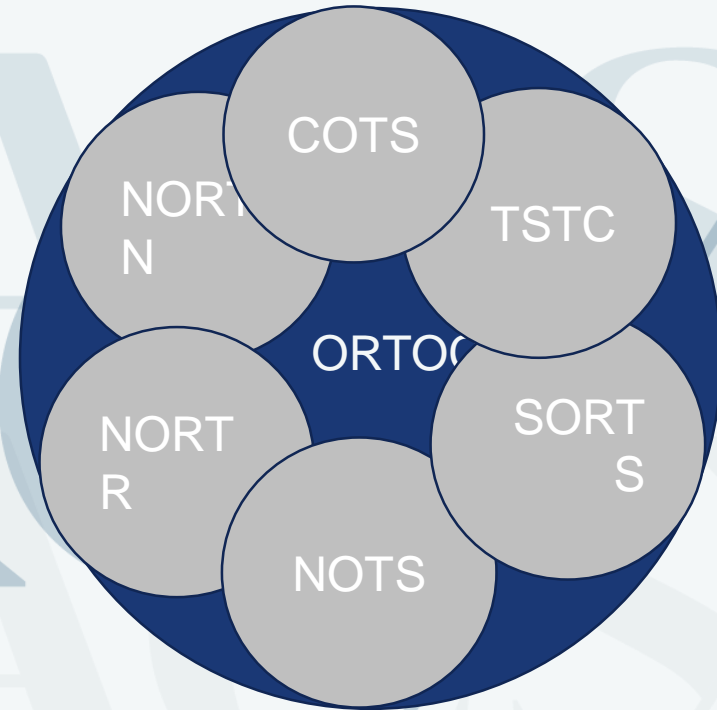
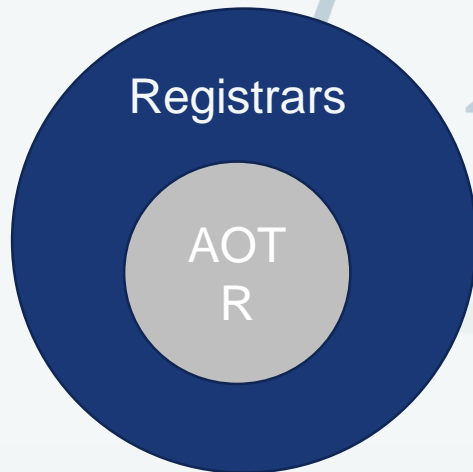
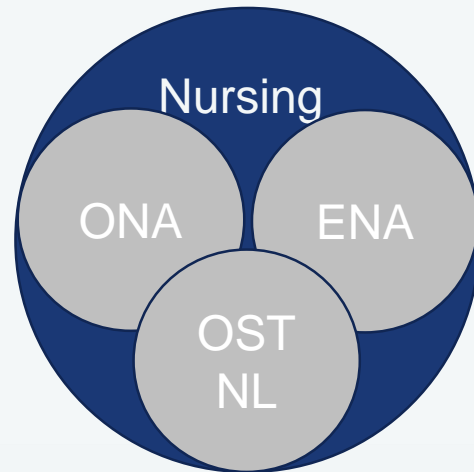
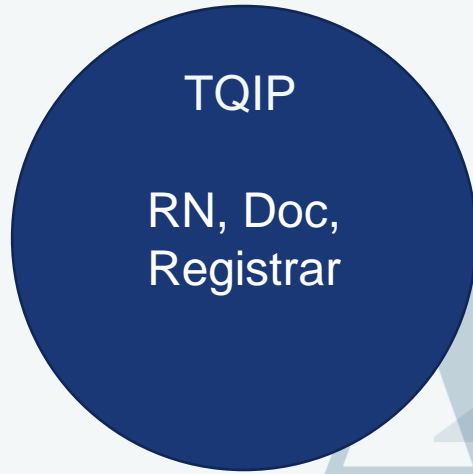
How Are Interested Parties Represented?

- Ohio Adult TQIP Collaborative
- Ohio Paediatric TQIP Collaborative
- OSTNL – Ohio Society of Trauma Nurse Leaders
- Workgroups to EMFTS
 - Process Improvement Wrkgrp
 - TRAW – Trauma Registry Advisory Workgroup
- Lee Ann Wurster / Dr. R. George
- Alex Carpenter / Dr. M. Dingeldein
- Alexandra Carpenter, President

How Are Interested Parties Represented?

Who have I left off?

- OENA – Ohio Emergency Nursing Association
- ONA – Ohio Nursing Association
- Ohio Department of Health Burn Surge Plan participants
- Disaster Preparedness
- OHA – Ohio Hospital Association



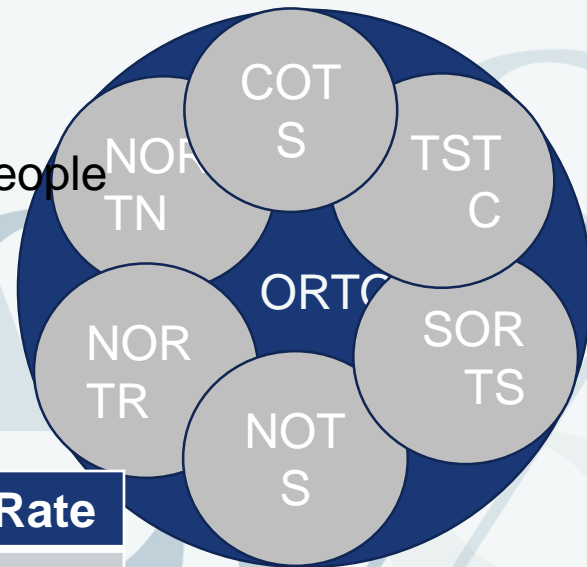
State/Law
EMS,
Registrar
, RN,
Doc

TOIP
TMD, PI
RN,
TMD,
Registrar

Nursing
OSTNL,
ENA,
ONA

Registrars

- A lot of meetings
- Many of the same people
- Law constraints
- Home Rule State
- EMS is not



Year	Case Fatality Rate
2015	2.2%
2016	2.2%
2017	2.6%
2018	2.4%
2019	2.4%

From:

https://www.ems.ohio.gov/links/2019_Annual_Trauma_Report.

Joining Forces

Partner Organizations

- **EMFTS – Ohio's State Board of Emergency Medical, Fire, And Transportation Services**
Rob Wagoner, Executive Director; Kent Appelhans, Chair; Valerie Koker, Administrative Assistant
 - **Trauma Committee** – Diane Simone
- **OSTNL – Ohio Society of Trauma Nurse Leaders**
Alexandra Carpenter, President
- **Ohio TQIP Collaborative**
LeeAnn Wurster, Admin Lead; Richard George, Clinical Lead
- **Ohio Paediatric TQIP Collaborative**
Alexandra Carpenter, Admin Lead;
Michael Dingeldein, MD, Clinical Lead
- **ORTOC – Ohio Regional Trauma Organization Consortium**
Danielle Rossler, Chair
- **AOTR – Alliance of Ohio Trauma Registrars**
Lita Holdeman, President



Joining Forces

- Gathering under one tent
- At the monthly OCOT VC meeting, liaisons to the partner organisations are invited to the second half to share & collaborate

Moving Forward

What is on the horizon for OCOT

The Ohio Committee on Trauma is working with partner organizations across the state to reorganize to better serve our collective membership and their communities.

- Redefining the value proposition for OCOT
 - More to support Level III/ND
- Work with partners to define the specific OFIs in the Ohio Trauma System

