

BOARD OF DIRECTORS UPDATE

22nd Annual Fall Conference Supplement ▪ October 26, 2018

The following communication highlights recent activity from the 22nd Annual Fall Conference, as well as additional topics that are timely and worth your attention. PTSF and the Board of Directors wish to thank each trauma center—and trauma care provider—for their ongoing commitment to the care of injured patients. You advance our mission and vision each and every day! If you have questions related to the content of this update, please contact [Juliet Altenburg](#), MSN, RN—Executive Director.

2018 FALL CONFERENCE HIGHLIGHTS

October 16, 2018—the 22nd Annual Fall Conference & Meeting convened with the opening session, “Finding Our Voice: Optimizing Pennsylvania’s Trauma System.”

The 2018-2020 PTSF Strategic Plan was highlighted and a proposal to revise the EMS Act to assure appropriate level 1 and 2 trauma center volumes in the future was featured. Juliet Altenburg, PTSF Executive Director, along with PTSF board member and PA House Representative Bryan Cutler, 100th Legislative District and PTSF Trauma Systems Development Committee Chairman, Dr. Frederick B. Rogers, MD, MS, FACS presented the session.

The [presentation](#) and ["EMS Talking Points"](#) are posted to the Resources section of the website within the 2018 conference folder.



From left: J. Altenburg, B. Cutler & F. Rogers



From left: J. Brown, N. Martin, D. Scantling & J. Speer

PTSF TRAUMA RESEARCH COMMITTEE AWARDS

For the third year, the Trauma Research Committee has given awards to researchers who have completed research using the statewide PTOS database.

The 5th Annual PTOS Trauma Research session was moderated by Trauma Research Committee Chairman, Niels Martin, MD. Winners of the competition included:

1st Place, Joshua Brown, MD, MSc – UPMC Presbyterian
 “Logistics of Air Medical Transport: When & Where Does Helicopter Transport Reduce Prehospital Time”

2nd Place, Dane Scantling, MD – Hahnemann University Hospital
 “Development of a Clinical Tracheostomy Score to Identify Spinal Cord Injury Patients Requiring Prolonged Ventilator Support”

3rd Place, Jacqueline Speer, DO – Reading Hospital – Tower Health
 “Off-Hours Outcomes of Hypotensive Trauma Patients in Pennsylvania Level 1 & 2 Trauma Centers”

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PaCOT Resident Trauma Paper Competition

For 22 years PTSF has supported the Resident Trauma Paper Competition at the Annual PTSF Conference.

This year ten papers were presented from general residents ranging from PGY-1 through PGY-5. An additional paper was presented by a Medical Student. Though not eligible to win the competition COT members support this opportunity at the podium.

Winners advance to the Regional Competition, including:

1st Place, Alex Warshauer, MD, General Surgery Resident PGY-1 – Hospital of the University of Pennsylvania. “What Happens to Gunshot Wound Survivors? A Comprehensive Assessment of Long-Term Outcomes After Firearm Injury.”

2nd Place, Stephen Dingley, DO, General Surgery Resident, PGY-3 -- St. Luke’s University Health Network, St. Luke’s Hospital Bethlehem. “Identification of Seniors at Risk (ISAR) Scoring in Geriatric Trauma: Exploring Clinical Outcome Correlations.”

Keynote Lecturers



From left: John Fildes, MD, FACS, FCCM (Hon.) accepting the 10th Annual Maj. John P. Pryor, MD, FACS Memorial Lecture Award from PATNAC President, Donna Titus, MSN, RN, after his presentation, “The One October Shootings in Las Vegas”



From left: A. Warshauer, F. Fernandez & S. Dingley



From left: Joseph Sakran, MD, MPH, MPA, FACS presented “Turning Public Narrative Into Action!” and Andrew B. Peitzman, MD, FACS presented “Bleeding Kills: Toward Zero Preventable Deaths.”

POPIMS STRATEGIC IMPERATIVE FEATURED AT FALL CONFERENCE

An annual goal of the 2018-2020 PTSF Strategic Plan is to, “Optimize Analysis of Key Data Through TQIP and POPIMS Databases” with a goal of showcasing one area for improvement at the annual PTSF Fall Conference. To accomplish this imperative in 2018, the Outcomes Committee reviewed the first statistical data report from the 2017 POPIMS Central Site submission of patients that had died of a traumatic mechanism. The committee’s goal was to identify potential areas for improvement, provide education and encourage sharing of best practices at the PTSF Fall Conference.

A data review and analysis concluded that transfer timeliness of injured patients was an area of opportunity in this death population. Furthermore, there were factors impacting the delays that could be addressed through an educational forum.

Data analysis of the 136 patients in the 2017 POPIMS database revealed:

- 44 patients (10.8%) met criteria for transfer in greater than three hours audit filter 11 and were categorized as opportunities for improvement (OFI). Preventability classifications for these delays was:
 - 21 of the delays were classified as Preventable (P) (aka OFI -Unexpected)
 - 23 of the delays were classified as Potentially Preventable (PP) (aka OFI-Anticipated Event)
 - 92 of the delays were classified as Non-Preventable (NP) (aka no OFI)

Factors related to transfer in greater than three hours (audit filter 11a) included:

- 36 patients - deviation in protocol
- 19 patients - deviation in the standard of practice
- 5 patients - errors in management
- 3 patients - missed diagnosis
- 19 patients - no identified factors
- 23 patients - “other factors” was selected

Secondly, the 2017 statewide PTOS database was queried for validation of timeliness of transfer. The analysis found that:

- 15,755 trauma patients were transferred to a trauma center from a hospital in 2017. Of those patients,
 - 44% (6,908) spent more than three hours at the initial hospital.
 - 46% of those patients (3,155) were age 65 or older.
 - The average length-of-stay in the emergency department at the receiving trauma center was 261minutes (4-hours, 21minutes).
 - 151 died and 80% of the deaths (121) were age 65 or older.

Cross-referencing the POPIMS Central Site, an analysis of the 113 preventable death determinations revealed 72 of these were age 65 or older. This challenging aspect of trauma care has multifactorial influences such as rural location, weather, availability of EMS, and lack of developed acute care resources. Areas that can be directly impacted by trauma centers are

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development and institution of transfer protocols, expedited standards of care with emergency department workups and communication, collaboration and networking with referring/receiving hospitals and EMS.

Presentations at the PTSF Fall Conference that addressed this analysis included:

- “2017 POPIMS Central Site Data Transfer Timeliness: An Identified Opportunity for Improvement” presented by Terry Snaveley, PTSF Manager of Trauma Performance Improvement.
- “Impact of Transfer Timelines on Trauma Patient Outcomes, Barriers Opportunities & Process.” presented by Alexandra Evans, BSN, RN, Trauma Program Manager from Lehigh Valley Health Network Hazleton, a Level IV Trauma Center. “Alex” is a member of the PTSF Outcomes Committee member and shared her first-hand knowledge with timeliness of transfer issues. Her presentation featured tools she uses for documentation of issue identification, analysis, action plans and patient outcomes. The information was beneficial for all levels of trauma centers receiving and referring trauma patients, and highlighted networking strategies with non-trauma centers.

This presentation, along with the supporting hand-out materials, is posted to the Resources section of the website—within the 2018 Fall Conference folder. Questions? Contact [Terry Snaveley](#).

CONFERENCE HAND-OUTS, POWERPOINT SLIDES & SUPPORTING DOCUMENTS

All information from the conference will be loaded to the conference folder, located in the Resources section of the PTSF website by November 1st. If you have questions related to specific sessions, please contact [Linda Stamey](#).

CONFERENCE CE & CME

Physicians should have submitted their CME attestations to PTSF staff at the end of the conference. If not, please forward these documents to [Linda Stamey](#). CME will be issued from PSU directly to the email address provided. CE for nurses will be generated by completing the online conference evaluation which will be sent via email.

CONFERENCE PHOTOS

If you would like to view and download the conference photos taken by Roger That Photography, access the link in the website conference folder or [CLICK HERE](#).

AFS USER MANUAL IS POSTED

The revised Application for Survey (AFS) User Manual was posted to the Digital Innovation, Inc. (DI) web portal under the support link on October 1st when the update to the AFS occurred. This is a technical, user manual with a “Frequently Asked Questions” section. Similarly, DI has completed the standardized AFS reports and they were included in the October software update. If you have questions about generating AFS reports, please contact [Terry Snavely](#).

'TIS THE SEASON FOR SURVEYS

Yes, it's the “survey season.” Thankfully, not the site survey season!

Please watch for several surveys in October and November. While cumbersome, this is the best way for PTSF staff to poll the trauma community and gain needed information as we plan for 2019—and beyond.



Please watch for these Survey Monkey surveys. Your prompt response is appreciated:

Fall Conference Survey

This survey is deployed by KnowledgeConnex, our conference registration vendor, to all individuals who registered and attended the Fall Conference. Completion of this survey is necessary in order to receive nursing continuing education (CE) credit from PSNA, as well as credit for any other attendee who attended general and/or break-out sessions. CME is issued separately. Questions? Contact [Linda Stamey](#). This survey is open.

Evaluation of the Accreditation Site Survey Process

This survey will be deployed to all Trauma Program Medical Directors, Trauma Program Managers and Trauma Program Coordinators who received a PTSF site visit in 2018. Your response helps to refine the site survey process, enhance accreditation reports and evaluate site surveyors. Your comments are blinded and reviewed by PTSF staff. Questions? Contact [Amy Krichten](#). This survey will be deployed on October 26, 2018 with a deadline for completion on November 24, 2018.

Annual Committee Interest Survey

This survey will be deployed to all Trauma Program Managers/Coordinators at accredited trauma centers. TPM/Cs recommend members of their trauma program staff to serve on, or continue serving on PTSF's board-recognized committees. If you are interested, please be certain to let your TPM/Cs know. PTSF is always looking for active, engaged committee members to further our mission, vision and strategic imperatives. Questions? Contact [Kevin Burd](#). This survey will be deployed on November 26, 2018 with a deadline for completion on December 21, 2018. The 2019 PTSF Committee Roster is posted no later than February 1, 2019.

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Proposed Changes to the EMS Act

This survey will be deployed to all Trauma Program Managers and Trauma Medical Directors and will give the trauma system community the opportunity to give feedback related to the proposed changes that were drafted by the Trauma Systems Development Committee and approved by the PTSF Board of Directors. This information was highlighted at the Fall Conference. The conference PowerPoint and a document titled “EMS Talking Points” highlighting the changes can be found in the “Resources” area of the PTSF website under the 2018 Fall Conference. Questions? Contact [Juliet Altenburg](#). This survey will be deployed in November 2018, and responses will be collected prior to the December PTSF board meeting.

Demographics Mechanism Injury Vital Signs & Treatment (DMIST)

This survey will be deployed to all Trauma Program Managers and Coordinators (TPM/Cs) at accredited trauma centers. This survey was developed in partnership with the Pennsylvania Emergency Health Services Council (PEHSC) to gain information from the trauma center community on the experience of EMS transferring the care of a trauma patient to a trauma center. A similar EMS-focused survey has been distributed to EMS professionals. Questions? Contact [Dave Bradley](#). This survey will be deployed on November 1, 2018 with a deadline for completion on November 21, 2018. TPM/Cs can forward this survey to the staff in their hospitals who interact directly with EMS staff.