Call for Speakers!
Share your trauma registry expertise with the state at the PaCOT/PTSF Fall Conference! The 22nd Annual PaCOT/PTSF Conference & Meeting will take place October 15—October 17, 2018 at the Sheraton Harrisburg-Hershey Hotel. The Pennsylvania Trauma Systems Foundation (PTSF) registry staff invite those interested in speaking/presenting a registry topic at the PTSF joint conference with the Pennsylvania Committee on Trauma (PaCOT) to submit a topic. In order to be considered as a speaker/presenter, you must contact Lyndsey at ldiehl@ptsf.org by August 31, 2018. Presentations can be 15-45 minutes in length. If you have any questions, or seek further clarification, please contact the Foundation office.

Links for 2018 ICD-10-CM/PCS Coding Updates
The 2018 ICD-10-CM/PCS updates have been released! The 2018 ICD-10-CM/PCS files on the CMS website contain information on the ICD-10-CM/PCS updates for 2018. These 2018 ICD-10-CM/PCS codes are to be used for admissions occurring from January 1, 2018 through December 31, 2018.


AIS 2015
AAAM has announced the new revision of its Abbreviated Injury Scale (AIS) coding system. Although AIS 2015 has been released, there are no immediate plans to implement this revision in the registry software. Please be patient as it takes a tremendous amount of time and effort to ensure a successful transition. PTSF staff will communicate details regarding the implementation of AIS 2015 with an adequate amount of time for preparations and training.
AAAM is currently offering AIS08 and AIS15 coding courses. If you have not yet taken the AIS coding course, it is up to you as to which course you would like to complete. Students who have taken the AIS08 coding course after July 1, 2014, will be eligible to take the AIS15 Update Course. This 4-hour online course will describe the major updates between AIS08 and AIS15.

For more information on the release of AIS 2015, visit https://www.aaam.org/ais-2015-released/.

For more information on available AIS08 or AIS15 coding courses or the AIS15 update course, visit https://www.aaam.org/abbreviated-injury-scale-ais/ais-course-schedule-registration/.

**PTSF Learning Management Software (LMS)**
The Foundation is in the process of migrating all previously recorded webinars and future educational offerings to a new, improved learning management software (LMS) system. Please see “Educational Opportunities” below to access PTSF’s first LMS webinar, “The ED Response Tab.” PTSF staff will provide formal directions on how to access ALL of the previously recorded and new webinars in our new LMS system in 2018. We apologize for the delay.

**Certified Specialist in Trauma Registries (CSTR) Exam**
Would you like to have formal recognition of your trauma registry knowledge? The CSTR exam is being offered by the American Trauma Society (ATS)! Information regarding the certification itself, eligibility, fees, and how to register can be found on the ATS website at http://www.amtrauma.org/?page=CSTR.

**Remote Educational Visits!**
The PTSF still offers remote registry educational visits in order to conduct inter-rater reliability reviews virtually! Please contact Lyndsey at ldiehl@ptsf.org if your center would be interested in a remote educational visit in the future.

**ICD-10 Questions Email Account**
As many of you know, PTSF created an ICD-10 specific e-mail account and an ICD-10 Q&A document shortly after ICD-10 was implemented. Since there are now only a handful of ICD-10 related questions, this email account has been transitioned into something new! We are still happy to assist you with any ICD-10 related questions. However, please do not send these questions to the PTSF ICD-10 e-mail account. Please direct all ICD-10 related questions to Gaby at gwenger@ptsf.org.

**Don’t Wait!**
Do you have a question for PTSF staff? Do you have recommendations for changes? Don’t wait! Contact PTSF staff! There is no need to hold any questions or changes until the end of the year. The sooner you bring an issue to our attention, the sooner we can address it.

**Lyndsey Diehl**, Trauma Data Quality Specialist – ldiehl@ptsf.org
**Stephanie Radzevick**, Trauma Data Analyst – sradzevick@ptsf.org
Gabrielle Wenger, Trauma Registry Auditor – gwenger@ptsf.org
Registry Questions – RegistryQuestions@ptsf.org
  Please e-mail RegistryQuestions@ptsf.org with any registry related questions. This account will help PTSF staff respond consistently to all PA Trauma Centers. This account will also keep track of all registry questions received and help PTSF registry staff steer education.

DATA ABSTRACTION

2018 PTOS Manual
The 2018 PTOS Manual has been posted to the PTSF website. To access the most current 2018 PTOS Manual, go to www.ptsf.org. Click on the “Resources” link. Click on “Show” next to the “Trauma Registry” link. Click on the link for the “2018 PTOS Manual.”

2018 NTDS Data Dictionary
The NTDB has not added any new data elements and has not changed data validation rules for 2018 admissions; however, the official 2018 NTDS Data Dictionary will reflect the new instructions for VAP, CAUTI, CLABSI, and Osteomyelitis. The NTDB will no longer require hospitals to use the most recent definitions provided by the CDC for these Complications. Through the end of 2017 and throughout 2018, the NTDB will continue to use the 2017 validation rules. The data submission process will remain essentially the same, in that you will upload the file exported from your hospital registry on the new Data Center. You will also access validation reports on the new Data Center. The 2018 NTDS Data Dictionary is available for download or purchase at https://www.facs.org/quality-programs/trauma/ntdb/ntds. Please contact the NTDB/TQIP with any questions at TraumaQuality@facs.org.

Burr Holes vs Craniotomy
Burr holes are small holes that a surgeon makes in a patient’s skull to help relieve pressure on the brain when fluid, such as blood, builds up and starts to compress brain tissue. A craniotomy is the surgical removal of part of the bone from the skull to expose the brain and relieve cranial pressure. Specialized tools are used to remove the section of bone called the bone flap. The bone flap is temporarily removed, then replaced.

A burr hole should NOT be considered a craniotomy. Therefore, answer “3 =No” to the element “Did patient have a craniotomy for trauma?” However, “1=Yes” may be entered for the element “Did patient have an abdominal, intrathoracic, vascular or cranial surgery?” for both a burr hole or craniotomy procedure.
“Did Patient Have a Craniotomy for Trauma”
Please note that the “Did patient have a craniotomy for trauma?” element has an option for “yes” and two separate options for “no.” “1=Yes” should be recorded for a patient that had a craniotomy performed during the encounter to treat a traumatic injury. “2=No” should be recorded for a patient that did receive a craniotomy during the encounter; however, the craniotomy was not performed to treat a traumatic injury. “3=No” should be recorded for a patient that did not have a craniotomy performed during the encounter. Be certain you are selecting the correct option for “no” when abstracting.

“Did Patient Require an Initial Laparotomy/Laparoscopy Which is not Performed Within 2 Hours of Arrival at Your Facility?”
Please note that the “Did patient require an initial laparotomy/laparoscopy which is not performed within 2 hours of arrival at your facility?” element has three options to consider. “1=Yes” should be recorded for a patient that required an initial laparotomy/laparoscopy and had the procedure performed greater than 2 hours from ED admission. “2=No” should be recorded for a patient that required a laparotomy/laparoscopy and had the procedure performed within 2 hours of ED arrival. Option “3” should be recorded for a patient that did not require a laparotomy/laparoscopy during the encounter.

Trauma Consults
When a trauma consult is called, “Was trauma alert called?” should be abstracted as “3=Trauma Consult.” This will auto populate “Initial Level of Alert” to “4=Trauma Consult.”

Applying “Reason for Transfer Out” for Pediatric Patients
For pediatric patients that are transferred out, it can sometimes be difficult to determine what category the patient should fall under the element “Reason for Transfer Out.” For example, which category should a pediatric patient with a burn be placed? If a pediatric burn patient is transferred out, and your center would keep an adult patient with a similar burn, then the patient should be placed under pediatrics. If this same pediatric burn patient would be transferred out regardless of age, then the patient should be placed under burn. The same logic can be applied for pediatric patients with other injuries as well.

Unplanned Return to OR
In order to capture the occurrence “Unplanned Return to the OR,” the patient must physically be returned to an operating room for the related procedure. You should not report “Unplanned Return to the Operating Room” to PTOS or the NTDB if the patient did not physically return to the operating room for the related procedure.
Pennsylvania Licensed EMS Agencies
The current Pennsylvania Licensed EMS Agencies list can be found under the Resources tab of the PTSF website. Go to www.ptsf.org. Click “Resources” at the top of the page. Click “Show” next to Trauma Registry. Scroll down until you see “2018 Pennsylvania Licensed EMS Agencies” and click to download. If you cannot locate the EMS affiliate number you are looking for, please contact Lyndsey at ldiehl@ptsf.org. PTSF staff will work with the PA Department of Health EMS Bureau to locate an affiliate number for you.

Facility # Updates
Facility lists on the PTSF website are current! Go to www.ptsf.org. Click on the “Resources” link. Click on “Show” next to the “Trauma Registry” link. Scroll down until you see the appropriate 2018 facility list and click to download. If you cannot locate the facility you are looking for, contact Stephanie at sradzevick@ptsf.org and a facility number will be assigned for you.

Tri-Code Tips
Note: Tri-Code Tips are provided by Gabrielle Wenger, RHIT, CPC, CAISS, Trauma Registry Auditor. If you have any Tri-Code related questions, please email Gaby at gwenger@ptsf.org.

Coding Rib Fractures
Single rib fracture, unilateral or bilateral can be written with or without the specific rib noted. Rib fractures that include multiple ribs, flail, or occur bilaterally need to be coded specifically.

Multiple fractures may include both flail and non-flail. If flail and non-flail occur on the same side, code only to the flail. Flail code sorts by NFS, 3-5 ribs, or > 5 ribs. The number of ribs involved is needed. Do not list the ribs that are not part of the flail.

Flail Example:
FX 11 L RIBS (1,2,3,4,5,6,7,8,9,10,11) WITH FLAIL COMPONENT
OR you may list
FX 11 L RIBS WITH FLAIL COMPONENT

Flail and Non-Flail Example:
FX 5 L RIBS (1,2,3,4,5) WITH FLAIL COMPONENT
OR
FX 5 L RIBS WITH FLAIL COMPONENT
AND You may list
@fx 6 ribs L without flail (6,7,8,9,10,11)
Bilateral fractures should be coded on the same line if both sides are flail or non-flail. When one side is flail and one side is non-flail, code on separate lines.
Spinal Cord Injuries
Coexisting spinal injuries must be on the same line! When vertebral, joint, and spinal cord injury occur at the same level, they must be written on the same line in order to assign the appropriate AIS code.

For multiple fractures at same level, use the term “multiple fractures” when appropriate to generate the specific code.

Fractures of the same type (e.g. transverse process) but different level must be coded on separate lines.

Spinal cord examples will be provided in an upcoming Tri-Code webinar.

Specification Pop-ups
Specification pop-ups for location, injury type, or severity may generate when using Tricode. After highlighting your selection in the pop-up box, you must click “Select” and not “Continue.” If you click “Continue,” it assigns a default, which may not be correct.

Please note that ISS may be impacted as the severity may differ with the default location or injury options. Default codes are not necessarily correct or the best choice.

DATA REPORTING

 Automap
In order to calculate scores on records with ICD-10 diagnoses, be sure the automap feature is on when running reports in Report Writer.
**2018 Report Writer Dictionary**

PTSF staff has compiled a dictionary of DI Report Writer Standard Reports. This dictionary defines each standard report and provides screenshots. To access the 2018 DI Report Writer Standard Reports Dictionary, go to [www.ptsf.org](http://www.ptsf.org). Click “Resources” at the top of the page. Click “Show” next to Trauma Registry. Scroll down until you see “2018 DI Report Writer Standard Reports Dictionary” and click to download. We hope you find this new resource helpful!

**Dashboards**

Dashboard data is current and will be updated on a quarterly basis! The Dashboard functionality allows you to compare your data to the rest of the state. Dashboards can be accessed on the PTSF Web Portal ([https://ptsf.centralsiteportal.com/](https://ptsf.centralsiteportal.com/)). Take advantage of this wonderful tool!

**End of Quarter Dates**

- First Quarter 2018 = March 31, 2018
- Second Quarter 2018 = June 30, 2018
- Third Quarter 2018 = September 30, 2018
- Fourth Quarter 2018 = December 31, 2018

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**REGISTRY-RELATED COMMITTEE UPDATES**

**Trauma Registry Committee Update**

**Next Meeting(s):**
March 22, 2018
June 14, 2018

Please be sure to e-mail PTSF staff with any issues or concerns regarding Collector™ or the PTOS Manual for discussion at the above registry committee meeting(s)!

**PTOS/Collector Changes for 2019 Implementation:**

The Board approved the first 2019 Collector/PTOS change at the most recent board meeting. This change is effective January 1, 2019.
- Date/Time Administratively Discharged from ED
  - Revised to align with the NTDB’s “ED Discharge Date/Time” elements
    - The date/time the order was written for the patient to be discharged

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**EDUCATIONAL OPPORTUNITIES**

**Discharge Destination**
Through the PTSF registry staff QA process, issues have been identified involving Discharge Destination. To access a brief educational webinar reviewing proper abstraction of Discharge Destination and additional elements associated with Discharge Destination, click on the following link: [https://secure.icohere.com/PTSF?pnum=VMH57299](https://secure.icohere.com/PTSF?pnum=VMH57299).

**The ED Response Tab**
PTSF staff has been receiving many questions regarding the changes made in 2016 to the ED Response and Consults tabs. To access a brief educational webinar reviewing these changes, click on the following link: [https://secure.icohere.com/PTSF?pnum=MAG48463](https://secure.icohere.com/PTSF?pnum=MAG48463).

**2018 TQIP Annual Scientific Meeting and Training**
The 2018 TQIP Annual Scientific Meeting and Training will be held November 16 – 20, 2018 at the Anaheim Convention Center in Anaheim, CA. More information regarding this conference can be found at [https://www.facs.org/quality-programs/trauma/tqip/meeting](https://www.facs.org/quality-programs/trauma/tqip/meeting).

**2018 DI Users Conference**
Information regarding the 2018 DI Users Conference will be released soon. More information regarding this conference can be found at [http://conference_dicorp.com](http://conference_dicorp.com/) once the information is updated for 2018.

**Digital Innovation Education**
Digital Innovation training opportunities can be found on the DI website at [http://www.dicorp.com/services/software-training/](http://www.dicorp.com/services/software-training/). Some training modules are offered at no additional cost! Digital Innovation education can also be found on the Webportal ([https://ptsf.centralsiteportal.com/](https://ptsf.centralsiteportal.com/)).

**PTSF Intermediate Registrars Course**
This course is designed for individuals with two (2) to four (4) years of trauma program experience, and particularly the trauma registry including: coordinators, registrars, and trauma prevention personnel. This Intermediate Registrar Course will provide the student with knowledge of the trauma system beyond data abstraction and data entry. Topics include data accuracy and completeness, audit filters, quarterly reports, software interfaces and more.
The PTSF does not have any in-person Intermediate Registrar Courses scheduled at this time; however, the Intermediate Registrars Course can be taken online! To take the Intermediate Registrars Course online, sign-up or sign-in on the PTSF website. After signing in, click on the “Education” link at the top of the PTSF homepage. In order to take this course online, you will need to enter an access code. The access code is FREEINTERMEDIATE. Although a certificate of completion is not provided automatically when this course is completed, PTSF is happy to provide you with a certificate. Please contact Linda at lstamey@ptsf.org for a certificate.

**PTSF Basic Registrars Course**

This course is designed for individuals new and/or inexperienced to the trauma program and particularly to the trauma registry including: coordinators, registrars, and trauma prevention personnel. This course is intended for those individuals with two (2) years or less experience in the trauma registry. This Basic Registrar Course will provide a basic knowledge of the trauma system in Pennsylvania, the Collector trauma registry software, Pennsylvania data definitions, scoring mechanisms, registry best practices, classification systems and more! The PTSF does not have any in-person Basic Registrar Courses scheduled at this time; however, the Basic Registrar Course can be taken online! To take the Basic Registrars Course online, sign-up or sign-in on the PTSF website. After signing in, click on the “Education” link at the top of the PTSF homepage. Effective 10/1/2016, within one year of hire the registrar must complete the ATS TRC or the PTSF’s Basic Registry Course. Registrars in the role prior to 10/1/2016 must have this requirement completed by October 2017. Previous completion of the PTSF Intermediate or Advanced Registrar Course fulfills this requirement. Although a certificate of completion is not provided automatically when this course is completed, PTSF is happy to provide you with a certificate. Please contact Linda at lstamey@ptsf.org for a certificate.

**AAAM AIS Coding Course**

The Association for the Advancement of Automotive Medicine (AAAM) offers an AIS Coder Training. The course is offered online or in-person. For more information regarding the AIS Coder Training go to https://sl-507-3.slc.westdc.net/~ireneher/Registration.php. Effective 10/1/2016, within one year of hire the registrar must complete this course. Registrars in the role prior to 10/1/2016 must have this requirement completed by October 2017. PTSF staff is currently working with the AAAM in hopes of providing the AIS Coding Course in 2018.

**American Trauma Society (ATS) Trauma Registry Course**

The American Trauma Society offers a Trauma Registry Course (TRC). The ATS TRC has expanded to provide a deeper look into the issues that affect a trauma registrar. The TRC now provides a more standardized understanding of the specialty and approach to the task of maintaining a trauma registry for the seasoned registrar. The TRC is offered in-person or online. For more information regarding the ATS TRC go to http://www.amtrauma.org/?page=TRC. Effective 10/1/2016, within one year of hire the registrar must complete the ATS TRC or the PTSF’s Basic Registry Course. Registrars in the role prior to 10/1/2016 must have this requirement completed by October 2017. Previous completion of the PTSF Intermediate or Advanced Registrar Course fulfills this requirement.
22nd Annual PaCOT/PTSF Fall Conference & Meeting
The 22nd Annual PaCOT/PTSF Fall Conference & Meeting will take place from October 15, 2018 – October 17, 2018. We are in need of registry presenters! If you have a registry poster or registry topic you would like to present, please contact Lyndsey at ldiehl@ptsf.org.

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The Registry Roundup is published approximately 4 times a year by the Pennsylvania Trauma Systems Foundation, a private, non-profit organization recognized by law to accredit trauma centers in Pennsylvania.

Pennsylvania Trauma Systems Foundation – Trauma Registry Staff:

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- Stephanie Radzevick, CPC – Trauma Data Analyst – sradzevick@ptsf.org
- Gabrielle Wenger, RHIT, CPC, CAISS – Trauma Registry Auditor – gwenger@ptsf.org