The following communication highlights recent activity from the PTSF Board of Directors meeting in addition to PTSF committees and events. PTSF staff 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 every day! If you have questions related to the content of this update, please contact Juliet Altenburg, MSN, RN—Executive Director.

**LEVEL IV TRAUMA CENTER ACCREDITATION APPROVED BY PTSF BOARD OF DIRECTORS**

The PTSF Board of Directors granted Level 4 trauma center accreditation to St. Luke’s Hospital Monroe Campus during their September trauma center deliberations.

Effective November 1, 2019 there will be 41 accredited trauma centers in the Commonwealth. St. Luke’s Monroe is part of the St. Luke’s University Health Network and is located in Stroudsburg, Pa. The hospital network supports three level 4 trauma centers, as well as their level 1 trauma center in Bethlehem, Pa.

**PTSF BOARD APPROVES WAIVER POLICY**

September 27, 2019—the Board of Directors approved a new policy, BD-115 – Process for Board Approval of Waiver Requests from Hospitals Pursuing Level I, II or III Trauma Center Accreditation. If trauma centers within 25-miles of a pursuing hospital have double the required volume, BD-115 defines how a hospital can request a waiver.

Governor Tom Wolf signed HB 786 into law providing funding for rural trauma centers, as well as ensuring optimal trauma center placement for the citizens of the Commonwealth on July 2, 2019. HB 786 was later renamed Act 54 of 2019. This law requires that hospitals pursuing level one or level two accreditation be 25-miles away from the closest level I, II or III trauma center. The latest map of hospitals pursuing accreditation is located on the PTSF website in the “Resources” area.

**PTSF STAFFING UPDATE**

Congratulations to Lyndsey Diehl, RHIA, CHDA, CSTR. Recently, Lyndsey was promoted to Director of Data Quality. This new role reflects her supervisory responsibility, as well as her elevated level of oversight related to all PTSF data-related processes and procedures.

Lyndsey came to PTSF in January 2014. Her previous title was Manager of Trauma Data Quality. Her experiences include teaching for Pennsylvania College of Technology and working for the Commonwealth of Pennsylvania’s Cancer Registry.
PTSF Conference Update

Over 300 trauma professionals attended the 23rd Annual Fall Conference on October 16-18, 2019. Attendees had the opportunity to network with regional and statewide trauma program staff, as well as trauma leaders from Canada, Minnesota, Florida and North Carolina. TQIP advancements, best practices, innovative care and current trauma research were some of the highlights. Celebrate PTSF’s 35th Anniversary at the next annual conference—October 19-21, 2020 at the Sheraton Harrisburg Hershey.

The Honorable Bryan Cutler Awarded “Rural Health Legislator of the Year”

The Pennsylvania Office of Rural Health Legislator of the Year Award was presented to the Honorable Bryan Cutler during the opening session of the PTSF Fall Conference. The nomination was submitted by Juliet Altenburg, PTSF Executive Director and presented by Jennifer Edwards, Rural Health Systems Manager, and Deputy Director at The Pennsylvania Office of Rural Health.

Juliet Altenburg noted that her motivation for making the nomination was that “PTSF and trauma centers in Pennsylvania are indebted to Cutler for his staunch and passionate support of assuring the high quality of care is delivered to trauma patients regardless of whether an injury takes place in an urban or rural setting.”

July 2, 2019, Pennsylvania Governor Tom Wolf signed into law HB 786, an act amending Title 35 (Health and Safety) of the Pennsylvania Consolidated Statutes that, for the first time, provides funding for level IV Trauma Centers in rural counties of Pennsylvania. Cutler, as the prime sponsor, was instrumental in shepherding the bill that was passed within seven months of being introduced in the House of Representatives. His ability to achieve this was a result of his dedicated service on the PTSF Board and the PTSF Trauma System Development Committee where he advanced his knowledge in the care of injured patients and his understanding of the challenges of rural trauma centers.

The Rural Health Legislator of the Year Award recognizes an outstanding legislator from Pennsylvania for their work and support of rural health initiatives that address an identified need in their district or across the state. Cutler represents the 100th Legislative District [Lancaster County] in the Pennsylvania House of Representatives and serves as Majority Leader for the 2019-2020 Legislative Session. Cutler has served on the PTSF Board of Directors since 2007, representing the Majority Chairman of the House Health Committee.

Best PTOS Data Request

Elinore Kaufman, MD was the winner of the Best PTOS Data Request Award. The title of her study using the PTOS dataset was, “Changes in Pennsylvania Trauma Outcomes Over Time.”

Dr. Kaufman is Fellow (PGY-7) in Trauma & Surgical Critical Care at the University of Pennsylvania, Penn Medicine – Penn Presbyterian Medical Center, Philadelphia, Pa.
Best Completed Research using PTOS Award

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

Trauma Research Committee Chairman, Niels Martin, MD., moderated the 6th Annual PTOS Trauma Research session. Winners of the competition included:


Third Place – “Defining Geographic Emergency Medical Services Coverage in Trauma Systems.” Presenter: Joshua Brown, MD, MSC, University of Pittsburgh Medical Center, (UPMC Presbyterian), Pittsburgh, Pa.

The Trauma Research session featured several presenters, from left:

- Jordan M. Kirsch, DO, WellSpan Health, WellSpan York Hospital, York, Pa.
- Niels Martin, MD, Trauma Research Committee Chairman, Penn Medicine – Penn Presbyterian Medical Center (Moderator), Philadelphia, Pa.
- Justin S. Hatchimonji, MD, University of Pennsylvania, Penn Medicine – Penn Presbyterian Medical Center, Philadelphia, Pa.
- Joshua Brown, MD, UPMC Presbyterian, Pittsburgh, Pa.
- Elinore Kaufman, MD, University of Pennsylvania, Penn Medicine – Penn Presbyterian Medical Center, Philadelphia, Pa.
- Dan Holena, MD, University of Pennsylvania, Penn Medicine – Penn Presbyterian Medical Center, Philadelphia, Pa.
- Mike Horst, PhD, Penn Medicine – Lancaster General Health, Lancaster General Hospital, Lancaster, Pa.
PaCOT Resident Trauma Paper Competition

PaCOT Chair, Forrest Fernandez, MD, FACS moderated the Annual Resident Paper competition. Winners included:

First Place – Amelia Lucisano, MD, General Surgery Resident (PGY-4), UPMC Presbyterian, Pittsburgh, Pa. for her research/paper: “Characterization of Trauma Induced Coagulopathy in Pediatric Trauma Patients with Severe Abusive Compared to Accidental Head Trauma.”

Second Place – Christopher Behr, MD, Fellow, Surgical Critical Care (PGY-7), UPMC Children’s Hospital of Pittsburgh, Pittsburgh, Pa. for his research/paper: “Adolescents: Big Kids or Small Adults? An Analysis of Isolated Splenic Injuries Using the Trauma Quality Improvement Program (TQIP) Databases.”

Additional resident presenters included:

- Shannon A. Brindle, MD, General Surgery Resident – PGY-5, Geisinger Medical Center, Danville, Pa.
- Elinore Kaufman, MD, MSHP, Fellow, Trauma & Surgical Critical Care – PGY-7, University of Pennsylvania, Penn Medicine – Penn Presbyterian Medical Center, Philadelphia, Pa.
- Michael March, Medical Student, St. Christopher’s Hospital for Children, Philadelphia, Pa.
- Tamer Shtayyeh, MD, General Surgery Resident – PGY-4, Penn Medicine – Lancaster General Health,

TRAUMA REGISTRY & TECHNOLOGY UPDATE

If you have questions related to the trauma registry and technology enhancements listed in this update, please contact Lyndsey Diehl, Director of Trauma Data Quality.

2020 NTDS Data Dictionary and Changes to the Inclusion Criteria

Download the 2020 NTDS Data Dictionary and 2020 Change Documents from the American College of Surgeons (ACS) website. Major changes to the NTDS inclusion criteria for 2020 admissions include:

- The addition of “…within 14 days of initial hospital encounter…”
  - Patients injured greater than 14 days prior to initial hospital encounter should be excluded. This timeframe is calculated using date injury sustained and date of initial encounter at your facility.
A Level 3 error will occur if the patient arrival date is greater than 14 days after injury.

- “Patient transfer from one acute care hospital to another acute care hospital”
  - Transfers in/out no longer need to be “via EMS or air ambulance.” For 2020 admissions, patients transferred in/out via private vehicle are to be included per the NTDS inclusion criteria.
  - “Acute Care Hospital” is defined by the NTDS as “a hospital that provides inpatient medical care and other related services for surgery, acute medical conditions or injuries (usually for a short-term illness or condition).”
- “Patients directly admitted to your hospital (exclude patients with isolated injuries admitted for elective and/or planned surgical intervention)”
- “Patients who were an in-patient admission and/or observed”
- “Patients who were a trauma consult or any level of trauma activation”
  - The ACS has informed us that this bullet will be removed from the 2020 inclusion criteria! We are awaiting further clarification and a formal communication.
- REMOVED: “Hospital admission as defined by your trauma registry inclusion criteria;”
  - The removal of this criterion from the NTDS inclusion criteria requires PA centers to follow the NTDB criteria as it is written. The option to follow your state/regional registry inclusion criteria is no longer allowed. This change will result in an increase in the number of records that are submitted to the NTDB.

Please note that these changes only apply to the NTDB. No changes have been made to the PTOS inclusion criteria!

The American College of Surgeons (ACS) The PTSF Board of Directors discussed the new NTDB inclusion criteria that was recently communicated by the American College of Surgeons as being effective January 1, 2020. Our PTSF Board Chairman Dr. Patrick Reilly reached out to ACS leadership to communicate the impact this change will have on Pennsylvania trauma centers. At this time, the PTSF Board asks that you make no changes until further notice related to the patients your hospital is submitting to the NTDB. The ACS communicated that discussions will occur among their leadership and further advice will be offered in the future.

**Trauma Registry Project Updates**

- COLLECTOR™ Transition to V5 Trauma Registry Software
  The COLLECTOR™ transition to the V5 platform is in the works. The target date for rollout to begin is October 2020. Please be on the lookout for additional information, next steps and educational opportunities throughout next year.

- Driller™
  PTSF is excited for PA trauma centers to utilize Digital Innovation, Inc.’s Driller™ product in the near future. This tool will allow centers to efficiently “drill-down” or mine PTOS data in a number of ways. Trauma centers should obtain access to this product the first week of November 2019. Driller™ will be accessed via the PTSF Web Portal. Additional information regarding access and educational opportunities will be shared separately from this update.

- Registry Educational Software
  Development of the Registry Educational Software is also underway. This software is a free tool for PA trauma centers to use to perform interrater reliability effectively and consistently. The software can be used to review a select number of records and assess data entry practices for each data element. Trauma centers can expect this product to be included within the 2020 software package. Digital Innovation, Inc. will provide educational opportunities in conjunction with PTSF staff in early 2020.
2020 PTOS Manual and Additional Resources

The 2020 PTOS Manual will be posted to the PTSF website (http://ptsf.org/registry/resources) in December 2019.

The following additional resources will also be updated for 2020 and posted to the PTSF website:
- Change Document
- Facility Lists
- Pennsylvania EMS Agencies
- PTOS Element History
- PTOS vs NTDB Comparison Document

Q3 2019 Quarterly Reports

2019 Quarter 3 quarterly reports are currently being processed at the central site. These reports will be sent to each accredited trauma center by November 29, 2019.

KnowledgeConnex

Recently a Taxonomy educational course was released to all PA accredited and pursuing trauma centers on PTSF’s new learning management system, KnowledgeConnex. This educational offering is only available to Pennsylvania trauma center staff. The access code was shared via e-mail; however, if you need the access code, contact Lyndsey Diehl.

Directions to register for any course are on the PTSF website (http://ptsf.org/registry/education). PTSF anticipates new courses to be released soon! You will be notified of future educational courses via e-mail. If you have any questions, feedback or recommendations, please contact Lyndsey Diehl.

Registry FAQ's

We hope you have been finding the FAQ section of the Registry tab on the PTSF website beneficial! FAQs are updated weekly with questions PTSF registry staff has received and answered. Unfortunately, the FAQs section can only house a limited number of questions. To access an archive of all FAQs, please download the “Registry FAQs” document from the Resources section of the Registry tab on the PTSF website. All recent FAQs can be viewed directly from the FAQs section.

AAAM AIS Coding Course

PTSF staff has been informed that a December AIS08 Online Course is now available! Because of the high demand for the AIS08 Online course, the AAAM will be opening registration for a daytime online class soon. Please check the AAAM.org site for details and registration.
TRAUMA REGISTRY COMMITTEE UPDATE

Simon Lampard, MD, FACS—Committee Chairman
Deborah Chappel, MSN, RN, CCRN-K—Committee Vice Chairman
Lyndsey Diehl, RHIA, CHDA, CSTR—Staff Liaison

The Trauma Registry Committee and the PTSF Board of Directors approved the following changes to PTOS/Collector during the September 2019 Board Meeting. These changes are effective January 1, 2020 and will be reflected in the 2020 PTOS Manual and 2020 Collector software. All changes to PTOS/Collector for 2020 admissions were discussed in detail at the PTSF Fall Conference on October 18, 2019. Handouts and a recording of this session will be available in the near future.

1. Abuse – Was patient discharged to a different caregiver than when they were admitted? and associated If Yes element made OPTIONAL
2. S.08 – Pre-hospital cardiac arrest with CPR REVISED
3. Post ED Destination REVISED
4. N.02 – Chronic Ongoing Alcohol Abuse REVISED
5. E.00 – Mental/Personality Disorder REVISED
6. P.00 – Pregnancy REVISED
7. N.01 – Substance Abuse Disorder REVISED
8. 206 = Cardiac Arrest with CPR REVISED
9. Delirium (Hospital Event) ADDED
10. 35 = Myocardial Infarction REVISED
11. 203 = Unplanned return to the OR REVISED
12. Discharge Destination REVISED
13. Blood Product Elements
   a. REMOVED - Transfusion Blood (4 hours, Measurement, Conversion), Transfusion Plasma (4 hours, Measurement, Conversion), Transfusion Platelets (4 hours, Measurement, Conversion), and Cryoprecipitate (4 hours, Measurement, Conversion)
   b. ADDED - Packed Red Blood Cells, Whole Blood, Plasma, Platelets, and Cryoprecipitate
14. Antibiotic Therapy, Antibiotic Therapy Date, Antibiotic Therapy Time REVISED
15. Interventional Radiology ADDED to the menu for Others Called to ED and Consults
16. 34 = Major Dysrhythmia REMOVED
17. Optional fields ADDED to capture “Provider ID” to the ED Response tab
18. 15 = Hypovolemia REMOVED
19. 10 = Burn Graft Loss (of any percentage) REVISED
20. PTOS Patient formatting REVISED within Collector

The next Trauma Registry Committee meeting is scheduled for November 7, 2019. Please send any requests for discussion to Lyndsey Diehl, staff liaison.
STANDARDS OF ACCREDITATION UPDATE

Charles Barbera, MD, MBA, FACEP, FAAEM—Committee Chairman
Amy Krichten, MSN, RN, CEN, TCGRN—Staff Liaison
Darlene Gondell, MSN, RN, CCRN, CNRN, TCGRN—Staff Liaison

Due to the signing of Act 54 of 2019 into Law, the PTSF Board of Directors approved the following changes to the Standards of Accreditation. All changes are effective immediately, and will be included in the January update of the PTSF Standards of Accreditation document.

**Standard 1: Commitment**

- Hospitals may apply for Level I, II or III trauma center accreditation if they are located more than 25 miles of travel distance from a Level I, Level II or Level III trauma center.
  - Effective July 2, 2019 based on Act 54 of 2019.
  - Level I and II trauma centers accredited prior to July 2, 2019 are “grandfathered” and do not need to meet the distance requirement.
  - A hospital seeking to pursue Level I, II or III accreditation may seek a waiver from the 25-mile criteria if conditions outlined in Act 54 are met (Reference: Policy BD-115).

**Standard 2: Capacity & Ability**

- Level II trauma centers must have 600 PTOS qualified patients per year.

Additional Standards Committee motions will be presented to the PTSF Board of Directors during their December meeting—stay tuned for details.

Consider volunteering to be a member of the 2020 Standards Committee when the “Call for Volunteers” goes out. The 2020 (1.5 hours) meeting/conference call dates are scheduled February 26, June 3, and one in-person meeting on October 20.

**PERFORMANCE IMPROVEMENT & PATIENT SAFETY (PIPS)**

**PERFORMANCE IMPROVEMENT LEADERSHIP TEAM & PTSF STAFF LIAISONS**
Forrest Fernandez, MD, FACS; Denise Torres, MD, FACS; Donna Titus, MSN, RN, CEN; John Gallagher, DNP, RN, CCRN-K, CCNS, TCGRN; Terry Snavely, MSN, RN, TCGRN—Staff Liaison; Gaby Wenger, RHIT, CPC, CAISS, CSTR—Staff Liaison

**PIPS Committee Leadership**

In response to the resignation of the PTSF PIPS Committee Chair, leadership for the remainder of 2019 and for calendar year 2020 is as follows:

- **Co-Chair:** Richard Lopez, MD, Trauma Surgeon, Geisinger Wyoming Valley Hospital
- **Co-Chair:** Kim Shoff, RN, Performance Improvement Coordinator, WellSpan Health, WellSpan York Hospital

Both Dr. Lopez and Kim Shoff have been active with the PIPS committee and will serve us well. Denise Torres MD, will continue to be the Chairman of the PTSF Outcomes Committee moving into the New Year.
New PIPS Educational Opportunity

Webinar: Case Review: Integrating Taxonomy into the PI Process

Presented by: Dr. Richard Lopez, D.O., FACS, FACOS; Tammy O’Connor, RN, MSN, CCNS, TC RN, CEN; Katie Tigue, RN, BSN, TC RN

Objective: Will provide an understanding of a Level II Trauma Center's performance improvement process and how they integrate taxonomy into their performance improvement process.

Use the following link to access online education: https://www.elearningconnex.com/ptsf/

PIPS Occurrence Reporting Workgroup

Goal of Subcommittee:
To review occurrences for variances in definition and interpretation by PA Trauma Centers.

Overview:
This work group is investigating scenarios related to Ventilator Associated Pneumonia (VAP) and pneumonia identification and reporting. Current definitions are complex requiring many hospital resources (external to the trauma program) dedicated to making these determinations in addition to tracking and mandated reporting that have financial/reimbursement consequences.

Due to the need for these extensive resources, some PA Trauma Centers have been using these reports and findings as a reference for submitting data to the National Trauma Databank instead of using the PTOS mandated definitions. The current PTOS definitions were updated to match the TQIP CDC 2016 definitions and PTSF will not update these until 2020.

The work group determined that a statewide review and analysis would be beneficial for reaching a future consensus since these ambiguous definitions are scheduled for an update in 2020. On October 3, 2019, a survey featuring the definition of VAP and pneumonia, followed by patient scenarios to evaluate the consistency of interpretation and application of occurrence capture, was deployed to TPMs, TPMDs, PI Coordinators and Trauma Registry staff. To date, there have been 86 responses—the results will be collated, and an analysis will be presented to the PIPS Committee. Further actions will be forwarded to the Trauma Registry Committee and other committees, as deemed necessary.

PA TQIP Collaborative Committee

As the PA TQIP Collaborative benchmarking reports indicate, and our committee has validated, Pennsylvania has opportunities to standardize VTE prophylaxis strategies. Actions were taken to accomplish this goal at the in-person meeting on October 16 at the PTSF Fall Conference.

Key highlights of that meeting included:

- Distribution of a PA TQIP Collaborative Best Practice Management Guideline for VTE Prophylaxis for discussion and recommendations
  o Next steps: Will distribute edited guidelines for further committee’s review and discussion at the upcoming National TQIP, PA TQIP Collaborative Meeting November 17 in Dallas, Texas.
- Presentation on Registry Optimization
  o Author/Presenter: Deborah Chappel MSN, RN, CCRN-K
Authors: Holly Hamilton BSN, RN, PHRN, Edward “Fridge” Frazier BA, EMT-P, Mary A. Jones, CPC, Allegheny Health Network- Allegheny General Hospital

Presentation on Incorporation of an Ultrasound Guided Regional Nerve Block into a Standardized Geriatric Hip Fracture Protocol to Decrease Delirium in a Level II Accredited Trauma Center

Authors/Presenters: Richard A. Lopez, DO, Seth Reed, MD, Mathew Desciak, MD, Lisa Wurzel, CRNA, Kenneth L. Koury, MD, Kaitlyn Tigue, RN, Jamie Kerestes, Pharm D., Tammy O’Connor, RN, Geisinger Wyoming Valley Hospital

Reducing Unplanned Admissions to the ICU in Rib Fracture Patients

Authors: Peter G. Thomas, DO, FACOS, FACS, Adam Benton, PA-C, Heather Alban, AGACNP-BC, MSN, MS, RN-BC, Nicole Lohman, MSN, RN, CCRN, TC RN, Richard Van De Graaf, MD, Rebecca Wilde-Onia, MSN, RN, CCRN, TC RN, St. Luke’s University Hospital

Creating a plan to reduce site survey frequency from three to four years through the use of PI metrics

A draft will be presented to the PTSF Board of Directors in December

EDUCATION

PTSF ONLINE EDUCATION

PTSF Online Education is now hosted and supported by KnowledgeConnex. PTSF-sponsored educational sessions remain at no cost to PA trauma program staff.

Use the following link to access online education: https://www.elearningconnex.com/ptsf/

Once at the site, you can log in if you have previously registered for a course, or if it is your first time visiting, you can just view courses or register. Either way, use the link above. Once registered, you can log in at any time, from any location. The three most recent courses will be visible, but by clicking on “View More” all available courses will show. To register for a course, click “View Course Outline.” Click “Purchase Course” on the next page; this will take you to the registration page.

As mentioned above, all courses are free for PA Trauma members by selecting “Pennsylvania Trauma Member” under “Member Type.” Please note that at the bottom of the screen you can also register for additional courses at the same time by clicking “Attend This Session” for any other course listed. Once finished, click “Save Registrant.” You will then receive an email from KnowledgeConnex with login information to set up an account and complete their courses. You need to save and remember your login information. You will use this to access any future courses without having to go through all of these steps.

LOCAL, STATE & NATIONAL MEETINGS

Save the Date . . . for upcoming events. If you have events that you would like to advertise on the PTSF calendar, contact Linda Stamey.

- November 13-16, 2019—Pediatric Trauma Society Annual Meeting, San Diego, California
- November 16-18, 2019—TQIP Annual Conference & PA-TQIP Collaborative Meeting, Dallas, Texas
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TOPIC COURSE OFFERED IN PENNSYLVANIA

PTSF is pleased to sponsor the TOPIC course in Pennsylvania once again. June 22, 2020 this course will be offered in conjunction with the spring mini-conference. The following day the level 4 addition will be offered. In order to take "Level 4 TOPIC" you must previously take the TOPIC course (not necessarily the day prior). Registration is available on the PTSF homepage.

AMERICAN TRAUMA SOCIETY – PA DIVISION (ATSPA)

American Trauma Society Membership

Join 32 accredited trauma centers across the Commonwealth and become a member of the American Trauma Society (ATS) today. An ATS Institutional Membership provides your organization and up to an additional five organization staff members with professional development opportunities, information, advocacy, networking, and patient support resources.

With membership, your organization will receive the following:

- Access to FREE educational materials (PA Division)
- Grant opportunities for injury prevention in your local community (PA Division)
- Professional development opportunities: Injury Prevention Coordinator’s Course, Trauma Registry Course, Trauma Program Manager Course (National)
- Training opportunities on educational programs such as Advanced Burn Life Support (ABLS), Stop the Bleed (STB), etc. (PA Division)
- Weekly and monthly electronic newsletters (National and PA Division)
- Free monthly educational webinars AND access to archived webinars (National)
- Ability to connect online through Professional Groups that are specific to your member type (National)
- Legislative updates and a voice on critical state and national trauma issues (PA Division and National)

Click here to view ATS’s Pennsylvania Institutional Members, and click here to join!
JOSEPHINE “PINA” TEMPLETON, 79
FORMER CHILDREN’S HOSPITAL ANESTHESIOLOGIST AND PHILANTHROPIST


Josephine Templeton, 79, of Bryn Mawr, a former pediatric anesthesiologist and member of a prominent philanthropic family in the Philadelphia area, died Friday, Oct. 25, of a blood disorder at her home. Dr. Templeton, known as “Pina,” was the wife of John Marks Templeton Jr. A former pediatric surgeon at Children’s Hospital of Philadelphia, he retired from medicine in 1995 to head the John Templeton Foundation, a vehicle for the family’s philanthropy. He died in 2015.

She earned a bachelor’s degree in biology from Fordham University in 1961 and a medical degree from the University of Rome in 1968. Dr. Templeton returned to the U.S. to serve a medical internship and residency at the Medical College of Virginia from 1968 to 1974. After completing a residency in anesthesiology at the Hospital of the University of Pennsylvania, and a fellowship in pediatric anesthesiology and critical care at CHOP, she accompanied her husband to Virginia when he served in the Navy. In 1977, she returned to CHOP as a senior clinical anesthesiologist. The couple worked together at CHOP for 20 years. They often served on surgical teams, including those that separated conjoined twins.

One of a handful of female pediatric anesthesiologists, Dr. Templeton was a role model for other women who aspired to the specialty. She never sought the limelight, her family said. Dr. Michael Nance, a former colleague who occupies the Josephine and John M. Templeton Jr. Chair in Pediatric Trauma at CHOP, recalled her calm presence in the operating room: “No matter how chaotic things might have been on the surgical side of the operative drapes, you knew things were in good hands when you saw Pina on the anesthetic side.” Besides her work at CHOP, she was a teaching doctor at the Hospital of the University of Pennsylvania. Her caring physician’s persona, which never waned, “won her deep affection and gratitude from patients and colleagues,” her family said. She retired in 1999. She received the 2007 Robert M. Smith Award from the American Academy of Pediatrics’ Section on Anesthesiology and Pain Medicine, the field’s top honor.

In retirement, Dr. Templeton supported her husband’s work with the Templeton Foundation, founded by her father-in-law, Sir John M. Templeton. At various times, she served as a trustee of the Templeton Foundation, the Templeton World Charity Foundation, and the Templeton Press. In 2017, she committed $3 million to brain tumor research in a collaborative effort led by CHOP. Her husband had died of brain cancer, and the family hoped to defeat the disease by bringing together medical institutions to study it. Dr. Templeton and her husband were instrumental in founding the Museum of the American Revolution. She also served on its board. “She was grateful to carry on the story of the Revolutionary tradition, and eager for new generations to learn to appreciate their heritage of freedom, liberty, and sacrifice,” the family said.