Valerie Pelin Brockman, MSN, RN, CPHQ, CAISS, CSTR

Trauma Data Manager for Trauma Services, Southern Colorado
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Professional Mission

To advance nursing excellence and trauma care quality through innovative leadership, evidence-based practice, and collaborative partnerships. Committed to building high-performing healthcare teams that drive measurable improvements in patient outcomes while fostering professional development and organizational excellence.

Professional Summary

Results-driven Registered Nurse with 14+ years of progressive leadership in trauma services and healthcare quality management. Currently managing regional trauma registry programs across 10 UCHealth facilities serving 10,000 trauma patients annually. Expertise in system-wide quality improvement, data driven decision making and interdisciplinary collaboration. Certified CPHQ, CSTR and CAISS professional with MSN in Nursing Leadership, comprehensive research portfolio, and demonstrated success in supporting trauma accreditation designations and improving patient outcomes.

Leadership Highlights

Summary

Regional System Leadership: Manage trauma databases and support quality improvement initiatives across ten facilities (1 Level I, 2 Level II, 2 Level IV and 5 non-designated trauma centers)

Research Impact: Co-authored 11+ peer-reviewed publications in high impact trauma journals

Change Management

- System-wide trauma registry workgroup development• Cross-functional team leadership • Strategic planning and resource allocation supporting regional and system initiatives

Quality & Performance Improvement

- LEAN Six Sigma methodologies • Evidence-based practice integration • Designation, verification and regulatory compliance • Performance metrics and benchmarking

Data & Research

- Advanced data analysis and trend identification • Registry management and reporting • Research publications • Quality and process improvement initiatives

Engagement & Collaboration

- Multidisciplinary partnerships across facility, region, state and nationally • Physician and nursing staff engagement • Community outreach and education

Professional Experience

Trauma Data Manager | April 2023 – Present
UCHealth Memorial Hospital Central (Level I) | Colorado Springs, CO

- Direct regional trauma quality operations across 10-facility network serving 10,000 patients annually. Lead cross-functional team of 13 trauma registry professionals. Collaborate with trauma program leadership to support quality improvement initiatives specific to facility, region or system needs.
- Achievements:
    - System-wide initiative to decrease time to hemorrhage control from median time of 69 minutes to 49 minutes from 2019-2024.

- Memorial Central decreasing ventilator-associated pneumonia rates to an odds ratio of 0.83 in the severe traumatic brain injured patients.
- Regional data interrater reliability accuracy rate of 98.4% with 10.12% of total abstracts reviewed across multiple facilities. Regionalizing trauma registry and sustaining a < 30-day backlog.
- Quality & Compliance:
  - Oversee data abstraction and analysis for local/national registries using ICD-10-CM, ICD-10-PCS, and AIS coding
  - Facilitate regional registry, data and quality meetings and support trauma peer review processes
  - Support and coordinate accreditation preparation and maintain regulatory compliance across all facilities

Digital Editor | January 2020 – Present
Journal of Trauma Nursing (JTN)
- Lead digital content strategy enhancing JTN's professional reach to 25,000+ trauma nurses and healthcare professionals
- Develop multimedia educational content including podcasts, videos, and virtual learning modules
- Serve as Board member contributing to strategic direction and professional development initiatives

Clinical Quality Specialist Lead RN for Trauma Services | September 2019 – April 2023
UCHealth Memorial Hospital Central (Level I) | Colorado Springs, CO
- Partnered with trauma leadership on quality improvement initiatives to support quality improvement initiatives
- Streamlined collection processes to improve efficiency and accuracy
- Led interdisciplinary teams in evidence-based clinical best practice identification and implementation

Trauma Program Manager | February 2018 – September 2019
Castle Rock Adventist Hospital (Level III) | Castle Rock, CO
- Directed comprehensive trauma service operations for Level III facility
- Established community outreach programs and provided Stop the Bleed Training to over 1,000 community members in partnership with Castle Rock Fire
- Led multidisciplinary team in strategic planning and program development
- Led medical mission trip to Peru

Trauma Quality Specialist | October 2013 – February 2018
Penrose Hospital (Level II) | Colorado Springs, CO
- Successfully led ACS Level 1 Trauma Review (August 2017) as interim Program Manager with zero deficiencies
- Coordinated annual Trauma Symposium (2015-2017) serving over 325 professionals attending per year and maintaining a positive budget
- Responsible for abstraction, quality performance improvement reviews and trauma nursing education

Critical Care Experience | 2009 – 2013
ICU Registered Nurse, Charge RN, and Preceptor
Penrose Hospital, Colorado Springs, CO | Texas Health Resources, Dallas, TX

- Provided direct patient care in high-acuity environments
- Served as Unit Based Council Chair leading quality improvement projects
- Mentored new nursing staff and students

Education
Master of Science in Nursing - Leadership and Management (MSN)
Western Governors University (WGU)
Bachelor of Science in Nursing (BSN)
The University of Texas at Arlington (UTA)

Certifications & Licensures
- Colorado RN License
- Certified Professional in Healthcare Quality (CPHQ)
- Certified Specialist Trauma Registry (CSTR)
- Certified Abbreviated Injury Scoring Specialist (CAISS)
- Trauma Nursing Core Curriculum Course (TNCC) – Course Director and Instructor
- Advanced Trauma Care Nurse (ATCN) - Instructor
- Advanced Cardiac Life Support (ACLS)
- Basic Life Support (BLS)
- Green Belt Certification for Lean Management

Research & Publications
Recent Peer-Reviewed Publications (2021-2025):

Johnson, E. H., Schmoekel, N. H., Lee, J. S., Brockman, V., & Schroeppel, T. J. (2025). The Utility of Early versus Delayed CXR After Chest Tube Removal. *The American Surgeon™*, 00031348251372428.

Johnson, E.H., Brockman, V., Schmoekel, N., & Schroeppel, T.J. (2024). The Effect of Frailty in Predicting Outcomes of Rib Fractures Among Elderly Patients. *he American Surgeon™*, *90*(8):1994-1999.

Johnson, E., Lee, J. S., Brockman, V., Finch, H., Rodriquez, J., Decker, C., Stillman, Z., & Schroeppel, T. J. (2023). Optimal Trauma Activation Criteria for "Found Down" Patients. *he American Surgeon™*, *89*(7), 3114-3118.

Lee, J.S., Billings, J., McIntyre, R.C., Brockman, V., et al. (2023). To observe or not to observe: Evaluation of the modified brain injury guideline management of small volume intracranial hemorrhage. *The American Journal of Surgery*, *226*(6), 808-812.

Schmidt, J. C., Huang, D. D., Fleming, A. M., Brockman, V., Hennessy, E. A., Magnotti, L. J., Schroeppel, T. J., McFann, K., Hamilton, L.D., & Dunn, J. A. (2023). Missed blunt cerebrovascular injuries using current screening criteria—the time for liberalized screening is now. *Injury*, *54*(5), 1342-1348.

Lee, J. S., Khan, A. D., Brockman, V., & Schroeppel, T. J. (2022). A "GAP" in activation: a better way to manage geriatric and anticoagulated patients with head trauma. *The American Surgeon™*, *88*(7), 1437-1441.

[Additional publications available upon request]

Professional Presentations:

- 2024: TQIP Annual Scientific Meeting - "Assessing Patient Outcomes after Discharge" (Oral presentation with C. Cribari, MD)
- 2022: Academy of Sciences - "Trauma Registry Foundations Workshop" (Virtual Presentation to Nurses in Saudi Arabia)
- 2022: Society of Trauma Nurses TraumaCon Conference - "Managing Healthcare Resources in a Time of Disruption"
- 2022: TQIP Annual Scientific Meeting - "Reducing Ventilator-Associated Pneumonia in TBI Cohort" (Oral presentation with T. Schroeppel, MD)
- 2021: Society of Trauma Nurses TraumaCon Conference - "High Reliability Organizations"
- 2021: TQIP Annual Scientific Meeting - "Using LEAN to Enhance Trauma Registry Performance"

Professional Leadership & Service

Society of Trauma Nurses (STN) Leadership Development Committee | March 2019 – Present
- *Past Chair* (March 2022 – Present): Provide strategic oversight and mentorship
- Enhanced 13-week trauma leadership course
- Developed, implemented and moderate 4-weel trauma registry course
- Developed, implemented and moderate 6-week business proposal writing curriculum for nursing professionals

Colorado Trauma Network | January 2018 – Present
- *Vice President* (2018-2019): Led strategic initiatives and stakeholder engagement
- Website developer
- Legislative Committee: Champion Stop the Bleed statewide implementation.
- Registry and Performance Improvement Committee: Drive evidence-based practice adoption across the state
- Trauma Survivor Network Committee: Implementation of community resources across the state

Professional Service:
- Reviewer: Journal of Trauma Nursing
- Reviewer: Society of Trauma Nurses conferences
- State Trauma Designation Reviews: Nurse reviewer for Colorado Department of Public Health & Environment
- Brain Injury Alliance Pikes Peak Challenge Team Captain/Co-captain raising over $15,000 over 8 years for non-profit organization

Professional Affiliations

- American Trauma Society (ATS)
- Colorado Trauma Network (CTN)
- Emergency Nurses Association (ENA)
- Society of Trauma Nurses (STN)

Honors & Awards

- **UCHealth Clinical Excellence Awards Recipient** (2023, 2024, 2025)
- **Trauma Performance Improvement Coordinator Award** - Colorado Trauma Network (2019-2020)
- **Society of Trauma Nurses Leadership Extern** (2019) - International selection