

# TISHA BARZYK

DNP, RN, APN, AGACNP-BC, CWS, CWCN-AP, PLNC



Adult Gerontology Acute Care Nurse Practitioner | Advanced Wound Care Expert



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## **ACADEMIC HISTORY**

<i><u>Institution and Location</u></i>	<i><u>Degree</u></i>	<i><u>Graduation Date</u></i>
Vanderbilt University School of Nursing Nashville, Tennessee	Doctor of Nursing Practice	May 2012
Vanderbilt University School of Nursing Nashville, Tennessee	Master of Science in Nursing Acute Care Nurse Practitioner Program	August 2007
Middle Tennessee State University School of Nursing Murfreesboro, Tennessee State University	Bachelor of Science in Nursing	May 2005
Tennessee State University School of Nursing Nashville, Tennessee	Associate of Science in Nursing	August 1998

## **Nurse Practitioner Preceptorships**

2007	Emergency General Surgery Service. Preceptor: Dr. Jose Diaz. Vanderbilt University Medical Center, Nashville, Tennessee. 230 clinical hours.
2007	Riven Internal Medicine Service. Preceptor: Lea Anne Smith, APRN. Vanderbilt University Medical Center, Nashville, Tennessee. 330 clinical hours.

## **LICENSURE**


2020-2023	Drug Enforcement Administration Controlled Substance License, State of Florida, Active
2019-2024	Advanced Practice Registered Nurse, State of Florida, Active
2019-2025	Registered Professional Nurse – Advanced Practice-NP, State of Georgia, Active
2019-2025	Registered Professional Nurse, State of Georgia, Active
2007-2025	Drug Enforcement Administration Controlled Substance License, State of Tennessee, Active
2007-2025	Advanced Practice Nurse, State of Tennessee, Active

1998-2025 Registered Nurse, State of Tennessee, Active

### **BOARD CERTIFICATION**

- 2018-2028 Certified Wound Care Nurse – Advanced Practice (CWCN-AP) – certified through Wound, Ostomy and Continence Nurses Society (WOCNCB)
- 2011-2031 Certified Wound Specialist (CWS) through the American Board of Wound Management
- 2013-2025 Professional Legal Nurse Consultant – certified through Jurex Center for Legal Nurse Consultants
- 2013-2028 Adult Gerontology Acute Care Nurse Practitioner – certified through the American Nurses Credentialing Center
- 2007-2017 Acute Care Nurse Practitioner – certified through the American Nurses Credentialing Center
- 1999-2025 Advanced Cardiovascular Life Support provider
- 1996-2026 Basic Life Support provider
- 2014 Hyperbaric Medicine Team Training – lifetime certification through International ATMO
- 2014 Sclerotherapy Clinician – lifetime certification through Empire Medical Training
- 2014 Botox Clinician – lifetime certification through Empire Medical Training

### **PROFESSIONAL EXPERIENCE**

<u>Institution and Location</u>	<u>Professional Title</u>	<u>Dates</u>
 <a href="http://www.integumetrix.com">www.integumetrix.com</a>	Owner   CEO   CCO Advanced Wound Care Expert Clinical Educator	2016-current

I founded Integumetrix in 2016 to improve patient access to advanced wound care expertise through a nurse practitioner and physician assistant advanced level provider consultation model. Integumetrix provides consultation and management services with over 43,000 patient visits a year within acute and post-acute healthcare facilities in Tennessee, Georgia, and Florida. Upon request of the patient's primary team, we perform an evaluation of complex acute and chronic skin and wound conditions and provide recommendations including evidence-based treatments to help establish underlying etiologies and ensure delivery of quality care with an overall focus on resolution rather than the historical nursing level approach of wound maintenance. This model has improved patient access to specialized providers with improved continuity of care, patient outcomes, limb preservation, and facility alignment with the standard of care.

As the Chief Executive Officer, I collaborate with my administrative and billing teams for business development, operations, revenue cycle management, and payor billing and coding. As the Chief Clinical Officer, I lead clinical operations with oversight of the advanced level clinical team including providing comprehensive advanced skin and wound education, mentoring, and clinical collaboration. And as an Advanced Wound Care Expert, I perform clinical services in the acute and post-acute care settings including skin and wound consultations with hands-on patient care including advanced procedures when medically necessary.

When requested, I also perform facility consultation services including standard of care wound program evaluation, evidence-based education programs, evaluate or develop order sets, policies, and protocols, and evaluate and make recommendations regarding facility documentation to assist in conforming with state and federal regulations and payor compliance. I also provide guidance on provider credentialing and state regulations, ICD-10/CPT billing and coding expertise, workflow collaboration, and wound care program initiation and evolution.



NEXUS LEGAL

Owner 2012-current  
Professional Legal Nurse Consultant  
Advanced Wound Care Expert Witness

[www.nexus-legalconsulting.com](http://www.nexus-legalconsulting.com)

As a certified Professional Legal Nurse Consultant through Jurex Center for Legal Nurse Consulting I provide expert witness services for medical malpractice related to wound care in acute and post-acute care settings. I provide the expertise required to analyze and explain complex medical information for skin and wound management litigation through review of the medical record to identify areas of negligence or breach in standard of care. I assess medical merit, develop wound timelines with identification of causation, when necessary, provide written expert opinion statements, and render expert testimony at deposition and trial. I have provided expert witness services for over 125 cases for both plaintiff and defense counsel.

**Healogics, Inc.** Wound Care Specialist 2014-2016  
*Formerly Accelecare Wound Professionals, LLC*  
Nashville, Tennessee

Contract position providing wound care consultations at an acute care hospital, area long term care facilities, and an outpatient wound care center in the Nashville area.



Partner 2000-current  
OSHA Compliance Officer 2013-2015

Nashville, Tennessee

[www.chateauindustries.com](http://www.chateauindustries.com)

Partner, Co-owner, and prior Occupational Safety and Health Administration Officer with responsibility to ensure compliance with governmental standards for the manufacturing industry of a commercial millwork and casework company. Compliance duties included employee training and certification, maintenance of employee and OSHA files, annual meetings, quarterly on-site inspections, and keeping up with current standards to ensure these were met or exceeded.

**Nashville Vascular & Vein Institute** Medical Practice Development 2013-2014  
 Vascular/Endovascular/General Surgery  
 Nashville, Tennessee

An independent position where I worked to set up a private practice for Dr. Patrick Ryan, a vascular and general surgeon in the Nashville area. During this time, I gained valuable knowledge on medical business practices, business negotiation and budgeting, office design, workflow setup, payroll and human resource management, website design, logo design, branding and marketing to name a few key projects. There were many lessons learned during this experience that will be valuable during the remainder of my career.

**The Surgical Clinic** Adult Gerontology Acute Care 2012-2013  
 Vascular/Endovascular/General Surgery Nurse Practitioner  
 Nashville, Tennessee

Collaborated with Dr. Patrick C. Ryan, who is a board certified vascular and general surgeon and provided excellent care to patients who required vascular, endovascular or general surgery for a variety of disease processes. Provided comprehensive inpatient and same day surgical management and discharge of patients who had undergone surgical procedures. Performed preoperative history and physicals with preoperative and postoperative education. Provided comprehensive postoperative management including pain control and education about rehabilitation and health maintenance to inpatients and outpatients as well as collaborative clinic visits with the surgeon. Additional responsibilities included marketing and quality improvement initiatives.

**Nexus Practitioners, LLC**  
 Mount Juliet, Tennessee Owner | Consultant 2010-current

Limited liability corporation used to perform various consultation, education, and speaking opportunities using my education and experience as a nurse practitioner and advanced wound care expert. Parent company for Nexus Legal.

**Vanderbilt Orthopaedic Institute** Associate in Orthopaedics 2007-2012  
 Orthopaedic Trauma Division  
 Nashville, Tennessee

Provided comprehensive inpatient management and discharge of patients who had undergone surgical repair of traumatic orthopaedic injuries. Performed preoperative history and physicals with preoperative education to elective orthopaedic surgical patients. Provided comprehensive postoperative management including pain control, radiographic evaluation, and education about rehabilitation to outpatients through messaging system and during independent clinic visits as well as collaborative visits with surgeons. Additional responsibilities included education to providers, residents, and ancillary clinic staff on wound management through in-services and personal communication. I also served as the clinical expert on wound management for consultation to all providers in the division.

**Vanderbilt University Medical Center** Charge Nurse 1998-2007  
 Level 1 Trauma Center Registered Nurse 3  
 Nashville, Tennessee

Held positions of staff nurse and charge nurse in this unit for nine years. Duties as a staff nurse included responsibility for comprehensive care of critically ill patients with multiple system

injuries. As a charge nurse responsibility included performing bed management for the 31-bed unit, practice as a nurse, surgeon and family liaison and serving as a resource to staff nurses. I consistently performed leadership roles on the unit educating new and existing staff and led many initiatives on the unit including a lead role in a three-year journey that led to implementation of an electronic nursing documentation system. Additional responsibilities were coordination of care with Trauma Surgeons, Consulting Surgeons, Case Managers and Ancillary Staff.

<b>Summit Medical Center</b>	Registered Nurse	2001-2002
Emergency Department		2003-2005
Hermitage, Tennessee		

Held position of staff nurse in a busy emergency room where I was responsible for the care of patients with acute injuries requiring emergent care decisions.

<b>Mortgage Industry</b>		1991-1998
Nashville, Tennessee		

Prior to entering the nursing profession, I worked in the home mortgage industry for seven years where I gained exceptional financial skills through employment as well as several college courses in accounting. I held many positions during this career including loan processor, auditor and finally branch manager. I gained essential customer relations and management skills that helped develop me into a leader in the healthcare field.

### **HEALTHCARE INSTITUTION PRIVILEGING**

<u>Institution and Location</u>	<u>Supervising Physician</u>	<u>Dates</u>
TriStar Summit Medical Center	Gregory Neal, MD	2022-current
HCA Florida North Florida Hospital Gainesville, Florida	Sanil Thomas, MD	2020-current
TriStar Horizon Medical Center Dickson, Tennessee	Gregory Neal, MD James Ettien, MD	2019-current 2016-2019
Parkridge Medical Center Chattanooga, Tennessee	David Redd, MD	2017-current
TriStar Skyline Medical Center Nashville, Tennessee	Gregory Neal, MD	2016-current
TriStar Hendersonville Medical Hendersonville, Tennessee	Adam Richter, MD Gregory Neal, MD James Ettien, MD	2018-current 2017-2018 2014-2017
TriStar Southern Hills Medical Center Nashville, Tennessee	Adejoke Aina-Babalola, MD James Ettien, MD James Ettien, MD	2021-current 2019-2021 2016-2019
TriStar Centennial Medical Center Nashville, Tennessee	Gregory Neal, MD James Ettien, MD	2019-current 2016-2019

	Patrick Ryan, MD	2012-2014
TriStar Stonecrest Medical Center Smyrna, Tennessee	Gregory Neal, MD James Ettien, MD	2019-current 2016-2019
Vanderbilt University Medical Center Nashville, Tennessee	Philip Kregor, MD	2007-2012

### **PROFESSIONAL ACTIVITIES**

<u>Company</u>	<u>Designation</u>	<u>Dates</u>
Smith + Nephew <i>formerly Osiris Therapeutics, Inc.</i>	Bio Tissue Faculty Bureau Speaker   Educator	2019-current
Provide education to registered nurses, medical doctors, podiatrists, nurse practitioners, and other ancillary wound care staff on wound care and use of placental and umbilical biologic grafts to achieve wound closure.		
HCA   HealthTrust	Delegated Healthcare Professional	2018-current
Approved educator with access to HCA hospitals across the U.S. to provide advanced wound care education to providers and staff.		
Advanced Wound Care Educator		2016-current
Provide basic and advanced wound care education in the acute and post-acute care settings with lectures from 30 minutes to 8 hours as well as hands-on wound care training. Work is performed through invitation at an hourly rate to independent product development staff, attorneys, nurses, nurse practitioners, physician assistants, physicians, resident physicians, case management, dietitians, facility administrators, regional administrators, physical and occupational therapists, and other unlicensed ancillary staff.		
HCA TriStar Division	Advanced Wound Product Committee	2016-current
Participate in committee meetings for evaluation of new advanced wound care technology, dressings, and therapies for the inpatient hospitals and outpatient wound clinics in the HCA TriStar division of hospitals. This includes testing and evaluation of the research, effectiveness, safety, and proper use of products prior to final approval.		
Advanced Wound Care Consultant		2016-current
Provide expert consultation services as needed for industry vendors to assist with development of new innovative wound care products, advanced technology devices, and adjunct therapies to help improve and advance wound prevention, assessment, and healing modalities.		
American Nurses Credentialing Center	Content Expert	2016-current
Act as content expert for wound care related information on ANCC publications and education as requested.		

PESI Healthcare Professional Speaker | Educator 2014-current

Perform one-day seminars on skin and wound care to participants who enroll in educational courses through PESI Healthcare, an accredited continuing education company. Topics include skin basics, and extensive information on evidence based wound cleansing, debriding, treatments, and dressings. Information is also given about prevention efforts and multiple modalities for prevention and evidence-based products.

American Nurses Credentialing Center Panel Member | Content Expert 2012-current

I was selected along with only eight other nurse practitioner experts around the country to serve on the Adult Gerontology Acute Care Nurse Practitioner Standard Setting Panel in December 2012. The purpose of our panel was to establish the minimum passing score for the initial national Adult Gerontology Acute Care Nurse Practitioner certification exam through the American Nurses Credentialing Center.

Various Education Institutions Clinical Instructor | Educator 2008-current

Provide clinical, professional, and hands-on education to nurse practitioner and physician assistant students to help prepare them to enter the healthcare workforce and provide care to patients in the acute and post-acute settings. Serve as a mentor and resource to assist with their transition into their new career and help them navigate the complex healthcare network, as well as guide them on how to ensure they are compliant with state and federal regulations for practice as a nurse practitioner.

### **5-YEAR PROFESSIONAL PRESENTATIONS**

- 2024 An overview of placental tissue use in wound management and surgery. Smith + Nephew at various locations across the United States and through national webcasts throughout the year.
- 2023 Mitigating Legal Risk in Wound Care. National presentation for PESI sponsored Legal Summit.
- 2023 Biologic Skin Substitutes: Types available and how to use them. Integumetrix – HCA TriStar Division.
- 2023 Outpatient Clinic Wound Care and Skin Grafting. Integumetrix presentation given to HCA TriStar outpatient advanced wound and hyperbaric clinical staff.
- 2023 Wound Care in the Post-Acute Setting. Integumetrix presentation given to Middle Tennessee post-acute facility leaders.
- 2023 An overview of placental tissue use in wound management and surgery. Smith + Nephew at various locations across the United States and through national webcasts throughout the year.
- 2022 Biologic Skin Substitutes in the Advanced Wound Care Space. Integumetrix – Florida Division.

- 2022 Mitigating Legal Risk in Wound Care. Integumetrix presentation given to Middle Tennessee post-acute facility leaders.
- 2022 Voice-over PowerPoint Presentations via HealthStream to HCA Florida Nursing staff on Wound Care Orders, Inpatient Skin and Wound Care, Pressure Injury Prevention, and Support Surfaces.
- 2022 An overview of placental tissue use in wound management and surgery. Smith + Nephew at various locations across the United States and through national webcasts throughout the year.
- 2021 “Grafix®, GrafixPL®, & Stravix®: Incorporating Placental Tissue Grafting into your Practice, Clinical indication and utilization” for Smith+Nephew at various locations across the United States as requested throughout the year.
- 2021 Webcast on Grafix®, GrafixPL®, & Stravix® - “Placental Tissues for Wound Care & Surgical Applications: Scientific and Clinical Overview” for Smith+Nephew as requested throughout the year.
- 2020 “Inpatient Wound Care” to physicians and staff during a Graduate Medical Education series at North Florida Regional Medical Center in Gainesville, FL.
- 2020 HealthStream Voice-over PowerPoint presentations for all facility employed and registry nursing staff at North Florida Regional Medical Center in Gainesville, Florida, on pressure injury prevention, support surfaces, basic wound care, and dressings.
- 2020 Live on site presentation along with a streaming webcast on “Wound Care Essentials” to all facility employed nursing, physician and ancillary staff at Unity Medical Center in Manchester, TN.
- 2020 National Webcast on Grafix®, GrafixPL®, & Stravix® - “Placental Tissues for Wound Care & Surgical Applications: Scientific and Clinical Overview” for Smith+Nephew as requested throughout the year.
- 2020 “Grafix®, GrafixPL®, & Stravix®: Incorporating Placental Tissue Grafting into your Practice, Clinical indication and utilization” for Smith+Nephew at various locations across the United States as requested throughout the year.
- 2019 “Advanced Wound Care in the Outpatient Setting” to physician and nursing staff prior to opening an outpatient advanced wound care center at Horizon Medical Center in Dickson, TN.
- 2019 “Advanced Wound Care in the Outpatient Setting” to physician and nursing staff prior to opening an outpatient advanced wound care center at Parkridge Advanced Wound and Vascular Center in Chattanooga, TN.
- 2019 “Integumetrix: Daring Greatly in Wound Care” to biologic manufacturing division employees at Osiris Therapeutics in Columbia, MD.
- 2019 “Wound Care 101” presentation at the Osiris Therapeutics Quarterly New Sales Representative & Associate Training in Columbia, MD throughout the year.



- 2019 Wound Care Fundamentals. Integumetrix local hospital presentation.
- 2019 “Wound Care 101” presentation at the Osiris Therapeutics National Sales Meeting in Dallas, TX for all employed sales staff across the United States.
- 2019 “Grafix®, GrafixPL®, & Stravix®: Incorporating Placental Tissue Grafting into your Practice, Clinical indication and utilization” for Smith+Nephew at various locations across the United States as requested throughout the year.

### **ACADEMIC APPOINTMENTS**

Adjunct Faculty – Vanderbilt University School of Nursing 2012-2018

Associate in Orthopaedics – Vanderbilt University School of Medicine 2007-2012

### **RESEARCH & PUBLICATIONS**

*Health Literacy in an Orthopaedic Trauma Patient Population: Improving Patient Comprehension with Informational Intervention*

Published in The Journal of Orthopaedic Trauma, 2013

Presented at the American Orthopaedic Association Annual Meeting, 2014

Presented at the Canadian Orthopaedic Association Annual Meeting, 2014

This research project was performed in collaboration with Dr. Hassan Mir. My involvement included development of an educational handout for patients regarding injuries including details of injury, type of fixation and education on the postoperative course. An initial questionnaire was used at the postoperative visit to assess understanding of these items after verbal communication alone. The questionnaire was then initiated, and the same questionnaire was again used to assess the understanding of a separate group of patients. Results showed significance with a positive correlation in health literacy when written materials were used for patient education versus verbal communication alone.



Published for retail purchase in the Apple Store 2012-2019

Using the evidence-based practice information from my doctoral scholarly project; I developed a smart phone application called “Wound NP” focused on providing basic wound care knowledge. The application covered the basics of wound care including education, dressing information, assessment, terminology, comorbidity recommendations and treatment algorithms for care of a closed sutured/stapled wound, care of wounds with soft tissue loss/necrosis and care of superficially infected wounds. The application is currently inactive for renovation.

*Doctor of Nursing Practice Scholarly Project: Wound Management Guidelines for the Orthopaedic Patient Population*

Published by Vanderbilt University School of Nursing, 2012

Surgical wound complications and delayed healing account for increased visits and associated costs. Gaps in performance of evidence based wound management by providers due to limited experience and lack of formal training may be a contributor. The purpose of this scholarly project was to develop evidence-based guidelines for care of a postoperative surgical incision, care of a wound with soft tissue loss and treatment of a superficial wound infection to connect providers to the evidence base and improve patient outcomes.

### **HONORS & AWARDS**

- 2012      Sigma Theta Tau, DNP Scholarly Project Poster Presentation, “Wound Management Guidelines for the Orthopaedic Trauma Patient Population” – 2nd place
- 2008      Distinguished Service Award for 10 years of dedicated service to Vanderbilt University Medical Center
- 2005      Vanderbilt Magnet Certificate of Appreciation
- 2002      Rosamond Gabrielson Staff Nurse of the Year award
- 2002      Vanderbilt Professional Nurse Practice Program Advancement to Registered Nurse 3

### **COMMITTEE APPOINTMENTS**

- 2019-2023      HCA Florida North Florida Advanced Wound Care Key Opinion Leader
- 2016-2023      HCA TriStar Division Advanced Wound Care Key Opinion Leader
- 2016-2023      HCA TriStar Division Advanced Wound Care Product Committee
- 2014-2016      TriStar Southern Hills Advanced Wound Care
- 2007-2012      Vanderbilt Advanced Practice Nurse Advisory Board
- 2005-2006      ICU nurse representative, Horizon Expert Documentation Advisory Committee
- 2003-2005      Trauma ICU staff nurse representative, E5 Initiative for EMR at Vanderbilt

### **PROFESSIONAL MEMBERSHIPS**

- Wound, Ostomy and Continence Nurses Society since 2018
- Tennessee Doctor of Nursing Practice Association since 2012
- American Academy of Orthopaedic Surgeons since 2012
- American Professional Wound Care Association (DAPWCA credential) since 2011
- American Academy of Nurse Practitioners since 2009
- American Association of Critical Care Nurses since 2007

American Nurses Association since 2007

Association of Professional Legal Nurse Consultants since 2013

**5-YEAR CONTINUING EDUCATION ACTIVITIES**

- 2024 Palmetto Surgical Debridement Webinar
- 2023 SAWC Fall Conference, Las Vegas, NV
- 2023 Reducing the Burden of Stalled Wounds.
- 2023 Prevention and Treatment of Pressure Injuries Across the Spectrum
- 2023 Preventing Medical Device Related Pressure Injuries
- 2023 Patient-Pathway to Wound Management
- 2023 Patient-Centered Management of Chronic Wounds in the Post-Acute Setting
- 2023 PAD Disease State Awareness, Diagnosis, and Referral
- 2023 Guide to Lymphedema, Lipedema, and Swelling Management
- 2023 Guide to Chronic Wound Care
- 2023 Integrated Approach to Biofilm Removal
- 2023 Chronic Wounds – Cellular Biology and Management
- 2023 Advances in Wound Healing
- 2023 Addressing Use of Silicone Foam Dressings in Pressure Injury Prevention
- 2023 Balancing the Wound Environment
- 2023 Addressing Wound Infection, Inflammation and Biofilm
- 2023 Advances in Wound Healing: Exploring Treatment Modalities. NACCME
- 2022 Anatomy and Physiology of Skin and Underlying Tissues. NACCME, 1 contact hour.
- 2022 Balancing the Wound Environment: ORC/Collagen/Silver-ORC Dressings. NACCME, 1 contact hour.
- 2022 Chronic Wounds: Cellular Biology and Management. NACCME, 1.25 contact hours.
- 2022 Common Skin Conditions: Updates in Pharmacology. AANP, 1.05 contact hours.
- 2022 Medical Errors. CE Broker, 2 contact hours.

- 2022 Safe and Effective Prescription of Controlled Substances. CE Broker, 3 contact hours.
- 2022 To treat or not to treat? Antibiotic Stewardship across the lifespan. AANP, 0.83 contact hours.
- 2022 Patient-Centered Wound Care Symposium: Addressing Wound Infection, Inflammation and Biofilm. HMP Education, 1 contact hour.
- 2022 Addressing Use of Silicone Foam Dressings in Pressure Injury Prevention. NACCME, 1 contact hour.
- 2022 A Wound Care Clinician's Guide to Lymphedema, Lipedema, and Swelling Management. HMP Education. 1 contact hour.
- 2022 Integrated Approach to Biofilm Removal. NACCME, 1 contact hour.
- 2022 Guide to Chronic Wound Care. NACCME, 0.75 contact hours.
- 2021 Professional Webcast and Virtual Speaking Workshop. Smith+Nephew/PharMethod, 1.5 contact hours.
- 2021 Advanced Cardiovascular Life Support. Postgraduate Institute for Medicine, 4 contact hours.
- 2020 Safe and Effective Prescription of Controlled Substances 2020-2022. RenewNow CE, 3 contact hours.
- 2020 Human Trafficking 2020-2022. RenewNow CE, 2 contact hours.
- 2020 CDC Training on Antibiotic Stewardship. The Centers for Disease Control and Prevention, 11.7 contact hours.
- 2020 Virtual Speaker Training. Smith+Nephew/PharMethod, 1.5 hours.
- 2019 An Integrated Approach to the Prevention and Treatment of Surgical Site Infection. NACCME, 1.25 contact hours.
- 2019 Negative Pressure Wound Therapy: Optimizing wound management outcomes. The Center of Excellence in Education, 1 contact hour.
- 2019 Mechanically Powered NPWT for Complex Wound Management. NACCME, 1 contact hour.
- 2019 Optimizing Outcomes by Assessing the Evidence – Placental Based Allografts. NACCME, 1 contact hour.
- 2019 Pressure Ulcers – Quality Metric and Integrated Risk Management Improving Outcomes and Decreasing Risk. NACCME, 1 contact hour.
- 2019 Stimulating Granulation Tissue in Wounds with Instillation: A guide to wound bed preparation. NACCME, 1 contact hour.