

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

<u>Institution and Location</u>	<u>Degree</u>	<u>Graduation Date</u>
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
2019-2022	Advanced Practice Registered Nurse, State of Florida, Active
2019-2021	Registered Professional Nurse – Advanced Practice-NP, State of Georgia, Active
2019-2021	Registered Professional Nurse, State of Georgia, Active
2007-2022	Drug Enforcement Administration Controlled Substance License, State of Tennessee, Active

2007-2021 Advanced Practice Nurse, State of Tennessee, Active

1998-2021 Registered Nurse, State of Tennessee, Active

BOARD CERTIFICATION

2018-2023 Certified Wound Care Nurse – Advanced Practice (CWCN-AP) – certified through Wound, Ostomy and Continence Nurses Society (WOCNCB)

2011-2021 Certified Wound Specialist (CWS) through the American Board of Wound Management

2013-2021 Professional Legal Nurse Consultant – certified through Jurex Center for Legal Nurse Consultants

2013-2023 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

1999-2021 Advanced Cardiovascular Life Support provider

1996-2022 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

Institution and Location

Professional Title

Dates



Owner | CEO | CCO
Advanced Wound Care Expert
Clinical Educator

2016-current

Tennessee, Georgia, Florida
www.integumetrix.com

Develop and lead clinical operations of an innovative wound care company providing treatment to over 30,000 patients a year using an advanced practice nurse practitioner and physician assistant provider model to evolve the care within acute and post-acute healthcare facilities. The primary focus is to improve patient access to advanced care providers to enhance outcomes and patient satisfaction. Responsibilities include development and implementation of evidence based education programs for providers, establishing and writing order sets, policies, and protocols, developing physician collaboration and preparing required documentation to conform with state regulations, payor compliance, provider credentialing and state regulation, billing and coding expertise, workflow collaboration with facility administration to integrate providers, and program initiation and evolution.

Work to build collaborative relationships through consulting, education, and staff training. Clinical functions include performing consultations with thorough assessments, advanced wound care procedures, hyperbaric oxygen therapy, and development of a comprehensive plan to diagnose underlying etiologies and convert wounds to a healing state to achieve closure. This model has improved patient navigation to ensure evidence based advanced wound care and continuity of care is provided to improve outcomes, achieve limb preservation, and ensure improvement of patient quality of life.



Owner | CEO
Professional Legal Nurse Consultant

2012-current

Mount Juliet, Tennessee
www.nexus-legalconsulting.com

Certified Professional Legal Nurse Consultant through Jurex Center for Legal Nurse Consulting. Provide expert witness services for medical malpractice related to wound care. Provide the expertise required to analyze and explain complex medical information for wound management litigation in the acute and post-acute care settings. Responsibilities include medical record review to identify areas of negligence or breach in standard of care, wound timeline development to identify causation if required, develop written expert opinion statements, and render expert testimony for deposition and trial. Experienced expert witness with over 70 cases completed with approximately 35% Plaintiff and 65% Defense.

Healogics, Inc.
Formerly Accelecare Wound Professionals, LLC
Nashville, Tennessee

Wound Care Specialist

2014-2016

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
OSHA Compliance Officer

2000-current
2013-2015

Nashville, Tennessee
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
Vascular/Endovascular/General Surgery
Nashville, Tennessee

Medical Practice Development

2013-2014

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 Vascular/Endovascular/General Surgery Nashville, Tennessee	Adult Gerontology Acute Care Nurse Practitioner	2012-2013
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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.



Mount Juliet, Tennessee	Owner Consultant	2010-current
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Limited liability corporation used to perform various consultation, education, and speaking opportunities using my education and experience as a nurse practitioner and wound care expert. Parent company for Nexus Legal Nurse Consulting.

Vanderbilt Orthopaedic Institute Orthopaedic Trauma Division Nashville, Tennessee	Associate in Orthopaedics	2007-2012
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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 Level 1 Trauma Center Nashville, Tennessee	Charge Nurse Registered Nurse 3	1998-2007
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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 responsibilities 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 in 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.

Summit Medical Center Emergency Department Hermitage, Tennessee	Registered Nurse	2001-2002 2003-2005
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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.

Mortgage Industry Nashville, Tennessee		1991-1998
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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.

CURRENT PROFESSIONAL TIME ESTIMATION



HEALTHCARE INSTITUTION PRIVILEGING

<u>Institution and Location</u>	<u>Supervising Physician</u>	<u>Dates</u>
North Florida Regional Medical Center Gainesville, Florida	Sanil Thomas, MD	2020-current
TriStar Horizon Medical Center Dickson, Tennessee	Gregory Neal, MD	2018-current
Parkridge Medical Center Chattanooga, Tennessee	David Redd, MD	2018-current
TriStar Skyline Medical Center Nashville, Tennessee	Gregory Neal, MD	2016-current

TriStar Hendersonville Medical Hendersonville, Tennessee	James Ettien, MD	2016-current
TriStar Southern Hills Medical Center Nashville, Tennessee	James Ettien, MD	2014-2016
TriStar Centennial Medical Center Nashville, Tennessee	James Ettien, MD Patrick Ryan, MD	2016-current 2012-2014
Vanderbilt University Medical Center Nashville, Tennessee	Philip Kregor, MD	2007-2012

PROFESSIONAL ACTIVITIES

<u>Company</u>	<u>Designation</u>	<u>Dates</u>
Smith & Nephew	Professional 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 biologic grafts for wound healing.

Osiris Therapeutics, Inc.	Professional Speaker Educator	2018-current
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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 membrane grafts for wound healing.

HCA HealthTrust	Delegated Healthcare Professional	2018-current
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Approved educator with access to HCA hospitals across the U.S. to provide advanced wound care education to providers and staff as needed.

HCA TriStar Division	Product Committee Member	2016-current
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Participate in regular 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.

Independent Advanced Wound Care Consultant		2016-current
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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
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Act as content expert for wound care related information on ANCC publications and education as requested.

PESI Healthcare	Professional Speaker Educator	2014-current
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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

2012

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.

RECENT PROFESSIONAL PRESENTATIONS

- 2020 National Webcast on Grafix®, GrafixPL®, & Stravix® - "Placental Tissues for Wound Care & Surgical Applications: Scientific and Clinical Overview" for Smith+Nephew.
- 2020 "Grafix®, GrafixPL®, & Stravix®: Incorporating Placental Tissue Grafting into your Practice, Clinical indication and utilization" for Osiris Therapeutics, now owned by Smith+Nephew. Multiple presentations to wound clinic staff and providers across the U.S.
- 2019 "Advanced Wound Care in the Outpatient Setting". Horizon Medical Center, Dickson, TN
- 2019 "Advanced Wound Care in the Outpatient Setting". Parkridge Advanced Wound and Vascular Center, Chattanooga, TN
- 2019 "Integumetrix: Daring Greatly in Wound Care". Osiris Therapeutics Employee Meeting, Columbia, MD.
- 2019 "Wound Care 101". Osiris Therapeutics Quarterly New Sales Representative & Associate Training, Columbia, MD. Perform quarterly for new sales staff.
- 2019 "Wound Care 101". Osiris Therapeutics National Sales Meeting, Dallas, TX
- 2019 "Advanced Wound Care in the Outpatient Setting". Parkridge Advanced Wound and Vascular Center, Chattanooga, TN
- 2019 "Grafix®, GrafixPL®, & Stravix®: Incorporating Placental Tissue Grafting into your Practice, Clinical indication and utilization" for Osiris Therapeutics. Multiple presentations to wound clinic staff and providers across the U.S.
- 2018 "Grafix, GrafixPL, Stravix: Incorporating Placental Tissue Grafting into your Practice, Clinical indication and utilization" for Osiris Therapeutics. Multiple presentations to wound clinic staff and providers across the U.S.
- 2018 Centennial Medical Center, Nashville, TN: "The Role of Nutrition in Wound Care"

- 2018 Northeastern Vermont Regional Hospital staff wound care education: “Hands-on Skin & Wound Care”
- 2018 “Advanced Skin and Wound Care: Hands-on course”. 8-hour course for PESI Healthcare at multiple locations throughout the U.S. on an ongoing basis
- 2017 Hendersonville Medical Center, Hendersonville, TN: Wound Care 101
- 2017 Centennial Medical Center, Nashville, TN: Wound Care 101
- 2017 Adjunct Faculty lecture at Vanderbilt University School of Nursing on “Skin and Wound Care: Prevention and Treatment of Acute and Chronic Wounds”
- 2016 Adjunct Faculty lecture at Vanderbilt University School of Nursing on “Wound Care: Prevention and Treatment: What’s changed in 2016?”
- 2015 Adjunct Faculty lecture at Vanderbilt University School of Nursing on “Wound Care: Prevention and Treatment”

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 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”. 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

- 2016-current HCA TriStar Division Advanced Wound Care
- 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 (Diplomat) 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

RECENT CONTINUING EDUCATION

- 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.
- 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.
- 2018 Telehealth – North American Center for Continuing Medical Education. NACCME, 1.25 contact hours.
- 2018 Reducing the Bioburden of Stalled Wounds: Progressing towards healing – North American Center for Continuing Medical Education. NACCME, 1 contact hour.
- 2018 Protocols for the Prevention and Treatment of Pressure Injuries: Sustaining outcomes at the point of care – North American Center for Continuing Medical Education. NACCME, 1 contact hour.
- 2018 Proactive Biofilm-Based Wound Management – North American Center for Continuing Medical Education. NACCME, 1.25 contact hours.
- 2018 Pressure Injury Prevention and Treatment: Optimizing healing through nutrition and lean body mass – North American Center for Continuing Medical Education. NACCME, 1 contact hour.

- 2018 Integrating Emerging Research into Biofilm Management – North American Center for Continuing Medical Education. NACCME, 1 contact hour.
- 2018 Anatomy and Physiology of Skin and Underlying Tissues – North American Center for Continuing Medical Education. NACCME, 1 contact hour.
- 2018 Best Practice in Obesity Management: The Role of New and Emerging Therapies – AANP, 1.25 contact hours.
- 2018 Starting & Adjusting Insulin in Type 2 Diabetes in Primary Care – AANP, 1.25 contact hours.
- 2017 Medication Management for Older Adults – AANP, 1.25 contact hours.
- 2017 Updates in Psoriasis and Psoriatic Arthritis Management: Best practices for effective care – AANP, 1 contact hour.
- 2017 Opioid Prescribing: Safe Practice, Changing Lives 2017 – AANP, 3.25 contact hours.
- 2017 Pharmacology 101: What's new in the world of pharmacology – AANP, 2.75 contact hours.
- 2017 How to Talk to Your Patients about Obesity – AANP, 1.20 contact hours.
- 2017 Osteoporosis: A therapeutic update – AANP, 1 contact hour.
- 2017 Secondary Prevention of ASCVD: Novel Therapies to Improve Outcomes in Patients with Hypercholesterolemia – AAPN, 1 contact hour.
- 2017 Psoriasis: More Than Skin Deep: What lurks beneath? – AANP, 1.25 contact hours.
- 2017 Antibiotic Therapy: Principles and Practice in Acute Care – AANP, 1.25 contact hours.
- 2017 Diabetes Mellitus Type 1: Diagnosis & Management – AANP, 1.25 contact hours.
- 2017 Bugs & Drugs: Overview of Antibiotics – AANP, 2.75 contact hours.
- 2017 Best Practice in Care for the Menopausal Patient: 14 years after the women's health initiative – AANP, 1.25 contact hours.
- 2017 Opioid Prescribing: Safe practice, changing lives – AANP, 3 contact hours.
- 2017 Antibiotics and Infection 2016: Inpatient guidelines for acute management – AANP, 1.25 contact hours.
- 2016 Biologically Clearing the Barriers to Wound Healing: Changing the wound healing environment through debridement – NACCME, 1 contact hour.
- 2016 Exploring Biofilms – Postgraduate Institute for Medicine, 1 contact hour.
- 2016 Optimizing Healing of Diabetic Foot Ulcers: An updated look at growth factors – NACCME, 1 contact hour.
- 2016 Improving Wound Care Through Optimal Debridement – NACCME, 1 contact hour.

- 2016 Principles of Wound Healing – NACCME, 1 contact hour.
- 2016 Wound Assessment and Documentation – NACCME, 1 contact hour.
- 2015 Skin & Wound Care – PESI, 7 contact hours.
- 2015 Wound Dressings: Composite – Cinahl Information Systems, 1 contact hour.
- 2015 Wound Dressings: Foam – Cinahl Information Systems, 1 contact hour.
- 2015 Wound Dressings: Hydrofiber – Cinahl Information Systems, 1 contact hour.
- 2015 Wound Dressings: Hydrogel – Cinahl Information Systems, 1 contact hour.
- 2015 American Nurses Credentialing Center, 2015 Role Delineation Study for Adult-Gerontology Acute Care Nurse Practitioner, 5 contact hours.
- 2015 Healogics, LLC Annual Physicians Meeting, San Antonio, TX, 4.5 contact hours.