

CURRICULUM VITAE



Tisha Christine Barzyk, DNP, RN, APN, AGACNP-BC, CWS, CWCN-AP, PLNC

Email tisha@nexuspractitioners.com

Phone 615-668-1983

Education

<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

Doctor of Nursing Practice Scholarly Project

My doctoral scholarly project incorporated research evidence and current published information on management of surgical incisions to prevent complications, care of wounds with soft tissue loss and care of superficial wound infections. Using the information found, evidence based practice wound management guidelines were developed to connect providers of wound care to the evidence base and improve patient care and outcomes.

Nurse Practitioner Preparation

- 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

- 2007-2019 Advanced Practice Nurse, State of Tennessee, Active
- 1998-2019 Registered Nurse, State of Tennessee, Active
- 2007-2019 Drug Enforcement Administration Controlled Substance License, Active

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
- 2013-2019 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
- 1999-2019 Advanced Cardiovascular Life Support provider
- 1996-2020 Basic Life Support provider
- 1999-2010 Trauma Nursing Core Course
- 2000-2008 Pediatric Advanced Life Support provider

Faculty positions

Adjunct Faculty – Vanderbilt University School of Nursing 2012-2018

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

Professional nursing involvement

American Nurses Credentialing Center 2012

Description: 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.

Professional activities

PESI Healthcare Professional Speaker/Educator 2014-current
Nationwide

Description: Provide 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 Content Expert 2016-current

Description: Serve as content expert for wound care related content for ANCC publications and education as needed.

Osiris Therapeutics, Inc. Professional Speaker/Educator 2018-current

Description: Provide education to registered nurses, medical doctors, podiatrists, nurse practitioners, and other ancillary wound care staff on wound care and use of placental membrane grafts for wound healing.

Recent speaking engagements

- 2018 Osiris Therapeutics, Nashville, TN: "Grafix, GrafixPL, Stravix: Incorporating Placental Tissue Grafting into your Practice, Clinical indication and utilization"
- 2018 Redmond Advanced Wound Center, Rome, GA: "Grafix, GrafixPL, Stravix: Incorporating Placental Tissue Grafting into your Practice, Clinical indication and utilization"
- 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"

Research involvement

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

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.

Other business endeavors



Owner since 2016
www.integumetrix.com

Description: Independent wound care consultant company providing wound care to hospitals and outpatient wound care centers using an advanced practice nurse model for delivery of care.



Owner since 2010
www.nexuspractitioners.com

Description: This is a limited liability corporation I started to pursue opportunities using my education and experience to perform activities such as the ventures discussed below.



Description: 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 was previously available in the Apple app store but is now retired.



www.nexus-legalconsulting.com

Description: After pursuing certification as a Professional Legal Nurse Consultant through Jurex Center for Legal Nurse Consulting, I developed this subsidiary venture of Nexus Practitioners, LLC to perform legal case reviews and other legal nurse duties such as developing chronologies for medical records, serving as a liaison on medical cases, interviewing medical professionals involved in legal cases and giving expert witness testimonies.

Employment

<u>Institution and Location</u>	<u>Rank or Title</u>	<u>Dates</u>
Integumetrix, Inc. Nashville, Tennessee	Wound Care Specialist Owner/Operator	2016-current

Job Description: Clinical expert and managing partner of a company that employs advanced practice nurses to serve as wound care consultants and experts to acute care facilities within the HCA TriStar Division Medical Centers, and outpatient wound care centers. Wound care services provided include care of all types of wounds utilizing evidence based advanced wound care and hyperbaric oxygen therapy in the outpatient center. Visit www.integumetrix.com for more information.

Nexus Practitioners, LLC Nexus Legal Nurse Consulting WoundNP Mount Juliet, Tennessee	Professional Legal Nurse Consultant/Educator	2012-current
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Job Description: Serve as a freelance medical expert for law firms and hospitals to provide the expertise needed to analyze and explain complex medical information in legal cases. I also offer services for educational needs to a variety of settings on evidence based wound management.

Healogics, Inc. <i>Formerly Accelecare Wound Professionals, LLC</i> Nashville, Tennessee	Wound Care Clinician	2014-2016
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Job Description: Contract position to provide inpatient wound care at an acute care hospital, area long term care facilities, and an outpatient wound care center in the Nashville area.

Chateau Industries, LLC Nashville, Tennessee	OSHA Compliance Officer	2013-2015
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Job Description: Serve as the Occupational Safety and Health Administration Officer to ensure compliance with governmental standards for the manufacturing industry of a commercial millwork and casework company which I co-own. Duties include all employee training and certification, maintenance of employee and OSHA files, annual meetings, quarterly on-site inspections, and keeping up with current standards and ensuring all are met or exceeded.

Nashville Vascular & Vein Institute, PLLC Vascular/Endovascular/General Surgery Nashville, Tennessee	Medical Practice Development	2013-2014
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Job Description: 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, PLLC Vascular/Endovascular/General Surgery Nashville, Tennessee	Adult Gerontology Acute Care Nurse Practitioner	2012-2013
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Job Description: 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.

Vanderbilt Orthopaedic Institute Orthopaedic Trauma Division Nashville, Tennessee	Associate in Orthopaedics	2007-2012
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Job Description: 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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Job Description: 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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Job Description: 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 management skills that have helped me continue to be a leader in my nursing career.

Honors & Awards

<u>Date</u>	<u>Award or Honor</u>
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 assignments at Vanderbilt University Medical Center

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

Other Employment Involvement

2007-current	Vanderbilt University School of Nursing Acute Care Nurse Practitioner Student Preceptor
2005-2007	Vanderbilt Trauma ICU Horizon Expert Documentation Super-User
2005-2006	Vanderbilt Trauma ICU Magnet Champion
2000-2007	Vanderbilt Trauma ICU Nurse Preceptor

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

- 2018 Telehealth – North American Center for Continuing Medical Education (NACCME), December 2018. (1.25 contact hours).
- 2018 Reducing the Bioburden of Stalled Wounds: Progressing towards healing – North American Center for Continuing Medical Education (NACCME), December 2018. (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), December 2018. (1 contact hour).
- 2018 Proactive Biofilm-Based Wound Management – North American Center for Continuing Medical Education (NACCME), December 2018. (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), December 2018. (1 contact hour).
- 2018 Integrating Emerging Research into Biofilm Management – North American Center for Continuing Medical Education (NACCME), December 2018. (1 contact hour).
- 2018 Anatomy and Physiology of Skin and Underlying Tissues – North American Center for Continuing Medical Education (NACCME), December 2018. (1 contact hour).
- 2018 Best Practice in Obesity Management: The Role of New and Emerging Therapies – AANP, January 2018. (1.25 contact hours).
- 2018 Starting & Adjusting Insulin in Type 2 Diabetes in Primary Care – AANP, January 2018. (1.25 contact hours).
- 2017 Medication Management for Older Adults – AANP, December 2017. (1.25 contact hours).
- 2017 Updates in Psoriasis and Psoriatic Arthritis Management: Best practices for effective care – AANP, December 2017. (1 contact hour).
- 2017 Opioid Prescribing: Safe Practice, Changing Lives 2017 – AANP, October 2017. (3.25 contact hours).
- 2017 Pharmacology 101: What's new in the world of pharmacology – AANP, September 2017. (2.75 contact hours).
- 2017 How to Talk to Your Patients about Obesity – AANP, September 2017. (1.20 contact hours).

- 2017 Osteoporosis: A therapeutic update – AANP, September 2017. (1 contact hour).
- 2017 Secondary Prevention of ASCVD: Novel Therapies to Improve Outcomes in Patients with Hypercholesterolemia – AAPN, July 2017. (1 contact hour).
- 2017 Psoriasis: More Than Skin Deep: What lurks beneath? – AANP, July 2017. (1.25 contact hours).
- 2017 Antibiotic Therapy: Principles and Practice in Acute Care – AANP, April 2017. (1.25 contact hours).
- 2017 Diabetes Mellitus Type 1: Diagnosis & Management – AANP, April 2017. (1.25 contact hours).
- 2017 Bugs & Drugs: Overview of Antibiotics – AANP, May 2017. (2.75 contact hours).
- 2017 Best Practice in Care for the Menopausal Patient: 14 years after the women’s health initiative – AANP, May 2017. (1.25 contact hours).
- 2017 Opioid Prescribing: Safe practice, changing lives – AANP, February 2017. (3 contact hours).
- 2017 Antibiotics and Infection 2016: Inpatient guidelines for acute management – AANP, February 2017. (1.25 contact hours).
- 2016 Biologically Clearing the Barriers to Wound Healing: Changing the wound healing environment through debridement – NACCME, September 2016. (1 contact hour).
- 2016 Exploring Biofilms – Postgraduate Institute for Medicine, September 2016. (1 contact hour).
- 2016 Optimizing Healing of Diabetic Foot Ulcers: An updated look at growth factors – NACCME, September 2016. (1 contact hour).
- 2016 Improving Wound Care Through Optimal Debridement – NACCME, September 2016 (1 contact hour).
- 2016 Principles of Wound Healing – NACCME, September 2016. (1 contact hour).
- 2016 Wound Assessment and Documentation – NACCME, September 2016. (1 contact hour).
- 2015 Skin & Wound Care – PESI, July 2015. (7 contact hours).
- 2015 Wound Dressings: Composite – Cinahl Information Systems, February 2015. (1 contact hour).
- 2015 Wound Dressings: Foam – Cinahl Information Systems, February 2015. (1 contact hour).
- 2015 Wound Dressings: Hydrofiber – Cinahl Information Systems, February 2015. (1 contact hour).
- 2015 Wound Dressings: Hydrogel – Cinahl Information Systems, February 2015. (1 contact hour).

- 2015 American Nurses Credentialing Center, 2015 Role Delineation Study for Adult-Gerontology Acute Care Nurse Practitioner, October 2015 (5 contact hours).
- 2015 Healogics, LLC Annual Physicians Meeting, San Antonio, TX, May 2015 (4.5 contact hours).
- 2014 International ATMO, LLC – Hyperbaric Medicine Team Training, September 2014. (31.08 contact hours).
- 2014 Accelecare Wound Centers – Advanced Wound Care, May 2014. (40.75 contact hours).
- 2014 Sclerotherapy Training Course – Empire Medical Training, January 2014. (8 contact hours).
- 2014 Comprehensive Botox – Empire Medical Training, January 2014. (8 contact hours).