

 **SAWC** Spring

WHS 



**CONNECT,
LEARN &
GROW AT AN ALL NEW
SAWC SPRING**

May 7–11, 2019 | San Antonio, TX

SAWCSPRING.COM

| AN **HMP** EVENT |



Connect, Learn & Grow at an all new SAWC Spring

The meeting that has supported you for more than 30 years has a new look, along with a new “Leading Edge” track and dynamic Surgical Case Keynote Address.

The all new Symposium on Advanced Wound Care Spring | Wound Healing Society (SAWC Spring | WHS) meeting will feature exciting cutting-edge topics led by the most dynamic and influential educators in wound healing to further move the wound care community forward and create a dynamic and unified voice to support our shared mission—improving patient care.

SAWC Chairpersons



Robert S. Kirsner, MD, PhD
Chairman and Harvey Blank Professor; Department of Dermatology and Cutaneous Surgery; University of Miami Miller School of Medicine
Miami, Florida



Dot Weir, RN, CWON, CWS
Advanced Wound Healing Centers
Catholic Health System
Buffalo, New York



New Surgical Case Keynote

We are departing from our regularly scheduled keynote to bring you an innovative experience to see an elite wound care surgical team in the OR firsthand. This session will also include an interactive Q&A with the very best minds in your field. More information to be announced soon.





**INCREASE YOUR
KNOWLEDGE
AND CONFIDENCE
IN TREATING
WOUNDS.**

28+
CME/CE/
CECHs

80+
Sessions

2,000+
Fellow Clinicians

100+
Faculty

4+
Pharmacotherapeutic
Contact Hours*

200+
Exhibitors

New “Leading Edge” Track

This new track will feature exciting cutting-edge topics led by the most dynamic and influential educators in wound healing. Additionally, this track will foster new collaborations and partnerships that will further move the wound care community forward and create a dynamic and unified voice to support our shared mission—improving patient care.

See full track sessions on page 9.

More Nurse Practitioner Pharmacology Credits

You asked, we listened. The SAWC Spring I WHS faculty has worked to provide you with more Pharmacotherapeutics CE. The final assignment of these contact hours will be announced once all content has been approved.

Rapid Fire Abstract Session and New Abstract Categories

SAWC will offer three exciting new abstract submission categories to reflect emerging focus areas in advanced wound care as follows:

- Practice Innovations
- Health Economics
- Evidence-Based Practice

Oral abstracts will be featured in a new rapid-fire format, featuring six of the most highly scored abstracts including three Young Investigator presentations.

* Final assignment of pharmacotherapeutic contact hours will be announced once all content has been approved.

**New for
2019**

BE AN MVP!

Save Hundreds and Max Out Your CE Potential

The Maximum Value Package (MVP) is the most cost-effective offer and will maximize your experience throughout the meeting. Details can be found on sawcspring.com under the MVP tab. Choose the MVP option today!



Wound Certification Prep Course

Master Your Field. Master Your Future.

With chronic wounds affecting approximately 6.5 million Americans and more than \$25 billion spent annually on the treatment of chronic wounds, **having a master level knowledge of wound care is in demand now more than ever.**

The Wound Certification Prep Course (WCPC) will arm you with a better understanding of wound care, prepare for the Certified Wound Care Associate (CWCA®), Certified Wound Specialist (CWS®), or Certified Wound Specialist Physician (CWSP®) examinations, or become re-certified.



2019 Dates and Locations

San Francisco, CA
MARCH 16-17

Raleigh-Durham, NC
APRIL 6-7

Tampa, FL
APRIL 13-14

San Antonio, TX
MAY 6-7

Philadelphia, PA
JUNE 1-2

Nashville, TN
JUNE 29-30

Chicago, IL
AUGUST 17-18

Portland, OR
SEPTEMBER 14-15

Las Vegas, NV
OCTOBER 10-11

Cleveland, OH
OCTOBER 19-20

Flushing, NY
NOVEMBER 9-10

Oklahoma City, OK
DECEMBER 7-8

WoundPrepCourse.com

Faculty View full faculty at woundprep-course.com.

Intended Learners

Physicians, Podiatrists, Wound Care Surgeons, Physical Therapists and PTAs, Occupational Therapists and OTAs, Nurse Practitioners, Physician Assistants, Master's-Prepared Nurses, Registered Nurses, Associate Degree Nurses, Dietitians, and Sales and Marketing Specialists within wound care.

Learning Objectives

After completing this activity, participants should be able to:

- Outline the etiology of chronic wounds and extrinsic factors that contribute to and affect wound healing outcomes.
- Describe the phases of wound healing and the associated microenvironment, cellular components and their functions in wound healing.
- Identify the anatomy of the skin and other important structures.
- Assess research and evidence related to wound management.
- Describe specific diagnostic tests, examination tests, lab tests and measures related to wound assessment and management.
- Identify the components of wound assessment and documentation.
- Identify methods for recognizing soft

tissue and bone infections, bioburden management and treatment of local and systemic infections.

- Discuss nutritional factors and the underlying deficiencies that impact wound healing.
- Relate the psychosocial and cognitive aspects to patient outcomes in wound repair.
- Describe specific treatment interventions for chronic wounds including debridement, topical therapies, and biophysical agents.

Activity Overview

Three nationally recognized experts and educators in Wound Care teach each course. The Wound Certification Prep Course is an intensive 17-hour seminar, providing a comprehensive review of topics related to wound management. The course also includes valuable practice tests and test-taking strategies.

To be eligible for documentation of credit for this live event, participants must attend the full activity and submit a completed evaluation form. To access the online evaluation, participants must first register online at www.nacme.com. Completed evaluations must be received within 30 days of the live event. Participants must complete the evaluation form online at <http://www.nacme.com/program/2017-731> and will immediately receive documenta-

tion of credit.

For questions regarding this educational activity, please call 609-371-1137.



Accreditation In support of improving patient care, North American Center for Continuing Medical Education (NACME) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Physicians NACME designates this live activity for a maximum of 17.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses This continuing nursing education activity awards 17.0 contact hours. Provider approved by the California Board of Registered Nursing, Provider Number 13255 for 17.0 contact hours.

Dietitians North American Center for Continuing Medical Education, LLC (NACME) is a Continuing Professional Education (CPE) Accredited Provider with the

Commission on Dietetic Registration (CDR). CDR-credentialed Practitioners will receive 17 Continuing Professional Education units (CPEUs) for completion of this activity/material. CDR Accredited Provider #HMO01 Level 3 Synthesis Level

Physical Therapists

North American Center for Continuing Medical Education, LLC (NACME), has been approved to offer Physical Therapy credit for this activity from the Louisiana, North Carolina, Ohio, Maryland, and California state boards.

NACME has also applied for pre-approved physical therapy credits from the following state boards and is awaiting approval: Florida, New Jersey, Nevada and Texas. If you practice in any other state, please consult its PT Board.

Requirements for Credit

To be eligible for documentation of credit for this live event, participants must attend the full activity and submit a completed evaluation form.

Participants who complete the evaluation form online will immediately receive documentation of credit.

For questions regarding this educational activity, please call 609-371-1137.

ADA Statement North American Center for Continuing

Medical Education complies with the legal requirements of the Americans with Disabilities Act (ADA) and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please call 609-371-1137.

Copyright © 2018 by North American Center for Continuing Medical Education, LLC. All rights reserved. No part of this accredited continuing education activity may be reproduced or transmitted in any form or by any means, electronic or mechanical, without first obtaining permission from North American Center for Continuing Medical Education.

No commercial interest provided commercial support for this continuing education activity.

Cancellation Policy

Please note that the cutoff date for cancellations is 30 business days prior to the event. All cancellations must be received in writing (mailed or emailed) and postmarked by that date. Full registration will be refunded, minus a \$100 processing fee, only to cancellations received in writing before that date. Registrants wishing to cancel may send someone to take their place without penalty if they send a written request with the replacement's name seven (7) days before the course.

WHS



4-DAY ANNUAL MEETING Program Highlights

We hope you will join us for the 31st Annual Meeting of the Wound Healing Society (WHS), a unique meeting where basic and clinical scientists interact with wound care practitioners to discuss the latest developments in the interdisciplinary field of wound healing research. The 2019 Annual WHS program is aimed at presenting cutting-edge science and recent progress in wound healing research while fostering an exchange of ideas among researchers, clinical scientists, and wound healing practitioners. The Annual Meeting is a collaboration of efforts to understand the basic scientific mechanisms of wound healing and apply this information to advance wound care practices. The program will be followed by a social event at the Briscoe Western Art Museum.

WOUND HEALING FOUNDATION THOMAS K. HUNT LECTURE

The speaker is chosen by the Wound Healing Foundation for major contributions to scientific inquiry that are likely to advance the field of wound healing. This year's speaker is George Brooks, MD, a professor of integrative biology at Berkley who has pioneered the lactate shuttle and crossover concepts that are finding applications in various biological processes such as traumatic brain injury, diabetes, wound healing, and tissue regeneration.

WHS GENERAL SESSION: BIOENGINEERING AND WOUND HEALING

This session will focus on the use of biomaterial scaffolds and dressings in wound care. Fundamental principles of tissue engineering such as spatiotemporal regulation of biological and biomaterial cues to promote wound healing and tissue regeneration will be highlighted.

NEW! SHARK TANK SESSION

This new competition with focus on areas of wound research both in clinical/research studies and commercial products/devices. We encourage all attendees to join us for this new interactive demonstration.

WOUND HEALING FOUNDATION: 3M AWARD LECTURE

In this session, the 2018 awardee, Swathi Balaji, PhD, will present the results of her fellowship-funded work on mechanisms of cutaneous wound healing and scar formation.

**WHS GENERAL SESSION:
NEW FRONTIERS IN FETAL WOUND HEALING**
Traci A. Wilgus, PhD, and Kenneth W. Liechty, MD, MD, will review the scientific basis and clinical experience of fetal wound healing

Visit www.WoundHeal.org for full Programming Details.

WOUNDHEAL.ORG

SESSION TRACKS

Track 1 | Leading Edge

Leading edge topics led by some of the most dynamic and influential educators in wound healing will be highlighted in this new track. Designed to foster new collaborations and partnerships that will further move the wound care community forward, this dynamic track will serve as a unified voice to support our shared mission—improving patient care.

➤ SESSIONS 1, 6, 11, 16, 21, 26, 31, 39, 44, 49, 54

Track 2 | Wound Care 360 Degree View

In this advanced practice track, discussions will be centered on assessment and management of complex wounds, harnessing both well-known and emerging treatment approaches.

➤ SESSIONS 2, 7, 12, 17, 22, 27, 32, 40, 45, 50, 55

Track 3 | Science and Technology

This track will address the ways in which many types of acute and chronic wounds can be treated and prevented through medical and surgical methods.

➤ SESSIONS 3, 8, 13, 18, 23, 28, 33, 41, 46, 51, 56

Track 4 | Lower Extremity Wounds

This track will provide the latest in evidence-based diagnostic, medical, and surgical techniques to manage lower extremity wounds.

➤ SESSIONS 4, 9, 14, 19, 24, 29, 34, 42, 47, 52, 57

Track 5 | Outpatient Care of Wounds

This track provides a practical overview of critical issues related to the daily management of patients with wounds.

➤ SESSIONS 5, 10, 15, 20, 25, 30, 35, 43, 48, 53, 58

Learning Objectives

- Develop strategies for advancing wound care as a professional practice and career
- Employ an interdisciplinary approach to the prevention and treatment of chronic wounds
- Describe the comprehensive management of patients with lower extremity wounds
- Provide optimal healthcare delivery through improved understanding of reimbursement, quality measures, and the use of novel wound care delivery technologies
- Implement the latest best-practice strategies to prevent and manage pressure ulcers
- Describe various factors that inhibit wound healing including medical comorbidities, commonly used drugs and devices, and patient behavioral challenges
- Explore challenging cases of difficult-to-heal wounds in which current and emerging wound therapies were used

The Exhibit Hall Covers It All



SAWC Spring | WHS will feature the world's largest Exhibit Hall showcasing the latest products and treatment solutions available in wound care. Research and advances in technology are increasingly changing the way patients are treated, and healthcare providers are under increasing pressure to improve patient outcomes. Exhibiting companies will be showcasing products and services from all major categories:

WOUND CARE PRODUCTS
CONTINENCE/INCONTINENCE
OSTOMY CARE
SKIN CARE
SUPPORT SURFACES AND POSITIONING DEVICES
EDUCATIONAL OFFERINGS AND PRODUCTS

Agenda

WHS DAY 1

Tuesday MAY 7

WHS Welcome & Introduction

8:00 AM–8:15 AM

Timothy W. King, MD, PhD, FAAP, FACS; Sashwati Roy, PhD; Praveen R. Arany, DDS, PhD

WHS SESSION A

Wound Healing Foundation Thomas K. Hunt Lecture

(Non-accredited/Non-approved for CECH)

8:15 AM–9:15 AM

Moderators: Laura K.S. Parnell, BS, MS, CWS; Sashwati Roy, PhD

Speaker: George Brooks, MD

WHS The Thomas K. Hunt Endowed Lecture was established in 2013 to honor the legacy of Dr. Hunt who is a leader in wound healing research and a founding member of the Wound Healing Society. The purpose of this lecture is to inspire and educate wound healing researchers on related research innovations. Every year, an honorary speaker is chosen by the Wound Healing Foundation, not limited to those who are directly involved in wound healing research, but also including investigators who demonstrate the ability to bridge scientific gaps and cross boundaries through the use of basic physiology to understand healing processes in multiple organ systems.

BREAK | 9:15 AM–9:30 AM

WHS SESSION B

Wound Healing in Military Medicine

9:30 AM–11:00 AM

Moderators: Robert J. Christy, PhD; Lloyd Rose, MD

Speakers: Robert J. Christy, PhD; Kai Leung, PhD; Daniel Zurawski, MD

WHS Besides the usual focus on human health, military medicine places a large emphasis on wound management. Military wounds from both combat and non-combat routine operations include high-velocity physical injuries, burns from fissile events, amputations and transplants, and microbiological and immunological wounds, among others. This session will focus on the unique nature and challenges posed by wound management in military medicine.

BREAK | 11:00 AM–11:15 AM

WHS SESSION C

Growth Factors and Biomolecules

11:15 AM–12:45 PM

Moderator: Anie Philip, PhD

Speakers: Anie Philip, PhD; Marjana Tomic-Canic, PhD

WHS A detailed understanding of biological responses has enabled clinical use of several biomolecules, especially growth factors (FGF, TGF- β), miRNAs, and adhesion peptides, among others, to promote healing. These biological mediators are capable of modulation cell proliferation, migration, and functional differentiation such as epithelial barrier formation, connective tissue matrix induction, and vascular perfusion. This presentation will highlight the progress and current status of these biomolecules that are being used to promote wound healing and tissue regeneration.

Shark Tank Lunch

12:45 PM–2:00 PM

Moderators: Vickie Driver, DPM, MS, FACFAS; Mitchell Sanders, PhD; Gary Robinson

Following a brief introduction of this program, the competition will focus on two areas of wound research, the translational track (clinical and research studies) and commercial (products and devices). Participants will be solicited by a general email and must be Wound Healing Society members to participate. Each participant will only have 5 minutes and only one PowerPoint slide followed by Q&A from judges.

WHS SESSION D

Advances in Wound Technologies

2:00 PM–3:30 PM

Moderators: Jeffrey M. Davidson, PhD; Traci A. Wilgus, PhD

Speakers: Praveen R. Arany, DDS, PhD; Akhilesh Gaharwar, PhD; Sashwati Roy, PhD

WHS There is increased appreciation from systems and synthetic biology on a bottoms-up approach to modelling and modulating biological responses. The use of biomaterials such as simple wound dressings to sophisticated scaffolds, as well as biophysical modalities from ultrasounds, lasers, or radiofrequency are now available to promote tissue healing and organization. This presentation will highlight some of these basic scientific advances and clinical translational efforts.

BREAK | 3:30 PM–3:45 PM

WHS SESSION E

Clinical Research Excellence in Diabetic Foot Ulcers

3:45 PM–5:15 PM

Moderator: Theresa Jones; Geoffrey C. Gurtner, MD

Speakers: Michael S. Conte, MD; Gayle M. Gordillo, MD; Geoffrey C. Gurtner, MD, FACS; Robert S. Kirsner, MD; Peter Rubin, MD; James Wrobel, MD

WHS Diabetic wounds are a significant source of morbidity and cost the US health system more than \$13 billion dollars a year. The significant burden on the healthcare system is in need of concerted efforts by both the clinical and research community to specifically address etiology and management of diabetic wounds. Recognizing this urgent need, NIH/NIDDK has started an initiative to form the new Diabetic Foot Consortium (DFC) for multi-site clinical research to validate biomarkers for diabetic foot ulcers that can predict healing outcomes, guide treatment, and monitor healing and response to treatment. The long-term goal is to lay the foundation for a clinical trial network to test therapies that can improve healing and prevent amputations. The session will discuss this specific NIDDK initiative.

BREAK | 5:15 PM–5:30 PM

Industry-Supported Symposia Dinner

5:30 PM–7:30 PM

Social Event For WHS Members

6:30 PM–9:30 PM

Briscoe Western Art Museum. Registered WHS members are invited to attend.

Hands-On Pre-Conference Workshops

You asked, we delivered. SAWC is now offering a full-day, of hands-on pre-conference workshops designed to enhance your educational experience.

TUESDAY, MAY 7

PRE-CONFERENCE 1

Hands-On Compression Wrapping Workshop

8:00 AM–12:00 PM

Attendees will learn to apply compression wrapping to manage edema across the spectrum.

PRE-CONFERENCE 2

Hands-On Debridement and Lower Extremity Wound Care Workshop

1:00 PM–5:00 PM

This hands-on course will provide a broad-based approach to treat lower extremity wounds including debridement and the role of dermal regeneration technologies.

Wednesday MAY 8

Industry-Supported Symposia Breakfast

7:30 AM–9:00 AM

BREAK | 9:00 AM–9:15 AM

Opening Ceremony

9:15 AM–9:30 AM

New Surgical Case Keynote Address

9:30 AM–10:30 AM

BREAK | 10:30 AM–10:45 AM

6 Concurrent Sessions Choose One

10:45 AM–11:45 AM

SESSION 1: LEADING EDGE

Pressure Injury Detection: Time-Tested and New Tools

Moderator/Speaker: Janet Cuddigan, PhD, RN, CWCN, FAAN

This session will explore current and evidence-based tools to assess the risk for skin breakdown, as well as new tools that are on the horizon.

SESSION 2: WOUND CARE 360 VIEW

Diabetes and Wound Care: Understanding How Diabetes Affects Wound Healing

Moderator/Speaker: Andrew J.M. Boulton, MD, DSc (Hon), FACP, FICP, FRCP

Speaker: Matthew Hardman, PhD

Diabetes mellitus type 2 represents a worldwide pandemic in its explosive growth rate. Diabetes notoriously alters skin health and wound healing processes. This session will present an overview of the disease highlighting new concepts in pathogenesis and treatment and discuss the role of this disease in hindering wound improvement and describe how these impairments are mediated.

This session is estimated to award .25 pharmacology hours.

SESSION 3: SCIENCE AND TECHNOLOGY

Applying Knowledge of the Wound Microenvironment to Patient Care

Moderator/Speaker: Robert F. Dieglemann, PhD
Speaker: Lisa Gould, MD, PhD

Acute wounds heal in a coordinated and orderly fashion involving the interactions of many specialized cells and biochemical mediators. In sharp contrast, the chronic wound microenvironment is highly complex and can contribute to delayed healing in which the wound does not proceed in an orderly fashion to achieve healing. This session will compare and contrast acute wounds to non-healing chronic wounds and provide clinical strategies to alter the environment to promote healing.

SESSION 4: LOWER EXTREMITY WOUNDS

Vascular Assessment and Interventions for Dummies

Moderator/Speaker: Alan Dardik, MD, PhD, FACS, FAHA
Speaker: Naiem Nassiri, MD

Understanding how and when to order vascular studies is crucial when treating patients with leg ulcers. Noninvasive exams such as duplex imaging, segmental pressures, toe pressure, TcPO₂, and skin perfusion pressures provide information on functional status of arterial circulation and assist the clinician on assessing potential for a wound to heal. This session, designed for the wound care practitioner, will review vascular studies that should be ordered on patients presenting with lower extremity ulcers, briefly link the study findings to possible vascular interventions, and offer newer methods of vascular assessment.

SESSION 5: OUTPATIENT CARE OF WOUNDS

Radiation-Induced Skin Injury: A Challenge for Wound Clinicians

Moderator/Speaker: Susie Seaman, NP, MSN, CWCN

It is estimated that half of all patients with cancer are treated with radiation therapy. Unfortunately, in treating the cancer, there can be significant harm to healthy surrounding tissue, both acutely and years later. This session will review acute and chronic effects of radiation therapy on soft tissue, describe assessment findings that are seen with radiation injury, and discuss treatment of the acute and late effects of radiation on the skin. Patient education pointers will be shared. Case examples will be used to illustrate skin damage and care.



**The opportunity
to re-examine
current practices
is invaluable.
Practice guidelines
are helpful, as are
algorithms.**

— James W. Edlund, MD



WHS SESSION F

Regenerative Medicine and Stem Cells

Moderators: Chandan K. Sen, PhD; Luisa Ann DiPietro, DDS, PhD

Speakers: Chandan K. Sen, PhD; Graziella Pellegrini, PhD

WHS  Regenerative medicine is the process of creating living, functional tissue to repair or replace tissue or organ function loss due to age, disease, damage, or congenital defects. This field holds the promise of regenerating damaged tissues and organs in the body by stimulating previously irreparable organs to heal themselves. Recent work demonstrated that it is possible to reprogram tissue within the live body without using any stem cells or any other laboratory-based process. For example, skin has been successfully reprogrammed to form blood vessels or functional neural cells with a procedure that lasts for less than a second and may be conducted in an outpatient setting. Such disruptive novel technologies will be discussed. The US Congress included several provisions related to cell and gene therapies in the 21st Century Cures Act, the most important of which is the Regenerative Medicine Advanced Therapy (RMAT) designation.

BREAK | 11:45 AM–12:00 PM

Industry-Supported Symposia Lunch

12:00 PM–1:30 PM

BREAK | 1:30 PM–1:45 PM

6 Concurrent Sessions Choose One

1:45 PM–2:45 PM

SESSION 6: LEADING EDGE

Pressure Injury vs Other: The Right Diagnosis for the Right Treatment

Moderator/Speaker: Joyce Black, PhD, RN, CWCN, FAAN

 Diagnostic errors may be considered a patient safety issue and a source of preventable harm. Making the correct diagnosis is critical to instituting correct care. Common contributors to diagnostic errors include failure to perform thorough assessments, atypical patient and wound presentations, and the societal pressure for “zero tolerance” attitudes. This session will review the differential diagnosis of pressure ulcers and facilitate critical thinking skills to assist clinicians with accurate diagnoses and appropriate management strategies.



Industry-Supported Symposia

As an SAWC Spring | WHS conference attendee, you are encouraged to attend these complimentary, commercially supported CME/CECH-approved /CNE-accredited or non-accredited offerings that are scheduled during breakfasts, lunches, and dinners throughout the main symposium. Please visit sawcspring.com for updated information about these exciting opportunities starting in May 2019! Seating will be extremely limited, so please select your symposia early to guarantee your spot.

SESSION 7: WOUND CARE 360 VIEW

Offloading: The Cornerstone to Diabetic Foot Ulcer Care

Moderator/Speaker: James McGuire, DPM

The cornerstone of care for diabetic foot ulcers is effective reduction/redistribution of plantar pressures as it is one of the primary factors that must be addressed in promoting healing and preventing recurrence of neuropathic ulcers in individuals with diabetes. This session will highlight the evidence base of standard care of diabetic foot ulcers focusing on the standard modalities used to treat diabetic foot ulcers including the data supporting offloading, such as total contact casting and other modalities, debridement, and treatment of infection, among others.

SESSION 8: SCIENCE AND TECHNOLOGY

Inflammatory Language

Moderator/Speaker: Luisa DiPietro, DDS, PhD

Speaker: Kara Spiller, PhD

The immune system is central to both successful and unsuccessful repair. Macrophages and T cells are versatile leukocytes that direct both favorable and unfavorable healing outcomes. This session will discuss recent advances in immunomodulation that can affect both excessive and inefficient repair. The potential clinical impact of these findings will be highlighted.

SESSION 9: LOWER EXTREMITY WOUNDS

Laboratory Assessment for Dummies: What Tests to Order When

Moderator/Speaker: Lee C. Ruotsi, MD, FACCWS, UHM, CWSP

There are thousands of available laboratory tests: hematology, chemistries, coagulation, inflammatory markers, vitamins, and minerals, to name a few. But which one will give you the information you need to better manage wounds? This session will focus on understanding how laboratory results can be applied to wound healing physiology and how the results can help to sort out the puzzle and identify factors that may be impeding wound healing progress.

SESSION 10: OUTPATIENT CARE OF WOUNDS

Cellular Tissue-Based Products: Finding the Right Product for the Right Patients

Speakers: Gregory A. Bohn, MD, ABPM/UHM, MAPWCA, FACHM; John C. Lantis II, MD; Lawrence Lavery, DPM

The recent explosion of cellular tissue-based products (CTPs) in the wound care marketplace has led to confusion among clinicians: what is the best product for the wide variety of patients seen in the hospital and wound clinic? Is there a best product? This lecture will review the evidence for the use of CTPs in chronic wounds, categorize them, and offer practical advice on choosing CTPs through the use of case examples.

WHS SESSION G

Young Investigators Symposium

1:45 PM–4:00 PM

Moderators: Geoffrey C. Gurtner, MD; Sashwati Roy, PhD; Phil Stevens, PhD

WHS  In this session, young investigators involved in cutting-edge research will compete for the WHS Young Investigator Award. The winner will present his/her work at the ETRS meeting. Oral presentations will feature the top eight abstracts submitted to the WHS by young investigators, as well as the winner of the ETRS Young Investigator Award.

BREAK | 2:45 PM–3:00 PM

5 Concurrent Sessions Choose One

3:00 PM–4:00 PM

SESSION 11: LEADING EDGE

Critical Limb Ischemia Awareness, Diagnosis, and Treatment: A CLI Global Society-Developed Session

Moderator: Vickie Driver, DPM, MS, FACFAS

Speakers: Gary Gibbons, MD, FACS; Paul Michael, MD, FSCAI

CLI GLOBAL SOCIETY The Critical Limb Ischemia (CLI) Global Society's mission is to improve quality of life by preventing amputations and death due to CLI. This session will explore the basics of CLI, describe what a multidisciplinary CLI team looks like, and explore medical therapy, wound care, and surveillance post-revascularization. Join this session, led by our panel of esteemed CLI Fighters, to develop strategies to improve awareness and enhance the way CLI is treated.

SESSION 12: WOUND CARE 360 VIEW

Wound Pathology: Gaining Insight into Diagnosis, Disease Mechanisms, and Treatment

Moderator/Speaker: Paolo Romanelli, MD

Speaker: Mariya Miteva, MD

The dynamic process of wound healing has various phases, knowledge of which is vital for identifying the pathology involved in a chronic wound. This session will identify stage-specific pathologies in wound healing impairment, and describe methodologies that can provide insight into diagnosis and treatment strategies to help stimulate critical healing stages in wound healing pathology.

SESSION 13: SCIENCE AND TECHNOLOGY

May the Force Be With You: Biomechanical Regulation of Fibrosis

Moderator/Speaker: Geoffrey C. Gurtner, MD, FACS

Speaker: Dennis P. Orgill, MD, PhD

All cells, except those in circulation, live in a mechanical environment, the extracellular matrix, that they can both sense and modify for movement or strength. Mechanical signals normally activate and then limit the healing response to achieve normal functional healing. This session will provide insight into different diagnostics used to evaluate arterial insufficiency as well as teach the participants

about physical therapy and medicinal interventions available to maximize patient outcomes in those patients with PAD.

SESSION 14: LOWER EXTREMITY WOUNDS

Arterial Insufficiency: Medical, Surgical, PT, and Behavioral Approaches

Moderator/Speaker: Oscar M. Alvarez, PhD, CCT, FAPWCA

Speaker: Michael Curi, MD

Peripheral arterial disease is a common comorbid condition that may be a primary cause of the patient's wound or a contributing factor to delayed healing. Early recognition and management are essential, and although medical and surgical treatment is common and accepted, this session will explore other potential concomitant modalities from physical therapy and behavior modification perspectives.

This session is estimated to award .25 pharmacology hours.

SESSION 15: OUTPATIENT CARE OF WOUNDS

"The No Stress Zone:" Stress, Pain, and Their Impact on Wound Healing

Moderator/Speaker: Loretta Vileikyte, MD, PhD

Speaker: Matthew Hardman, PhD

Studies have shown that psychological stress and pain can delay wound healing in humans by as much as 40%. This session will explore the spectrum of stress-induced impaired wound healing mechanisms and discuss clinical strategies to help restore normal wound healing.

BREAK | 4:00 PM–4:15 PM

6 Concurrent Sessions Choose One

4:15 PM–5:15 PM

SESSION 16: LEADING EDGE

Venous Intervention Debate

Moderator/Speaker: William Marston, MD

Speakers: Robert B. McLafferty, MD, MBA; Marc Passman, MD

 This point-counterpoint session will debate alternative views on which patients should undergo venous intervention and which interventions are the best for patients. Led by leading vascular experts, each panelist will prepare their case, highlighting the benefits and evidence. Join this interactive session and decide who made the best argument and decide which plan of care would be best for your patient!

SESSION 17: WOUND CARE 360 VIEW

Pressure Ulcers: Medical vs. Surgical

Moderator/Speaker: Monique Abner, MD

Speaker: Thomas Davenport, MD

Depending on the stage of the pressure ulcer, treatments may differ. In a case-based format, this session will provide a decision tree outlining the various non-surgical and surgical approaches, which approach to use and when, and the expected clinical outcomes.



“
Current, practical
and pertinent to
my practice. So
many good ideas
to take home.

— Sharon Leslie, RN

SESSION 18: SCIENCE AND TECHNOLOGY

Stop Bugging Me: Translating Microbiological Data Into Practice

Moderator/Speaker: Katherine Radek, PhD
Speaker: Lindsay Kalan, PhD

Wound infection involves the presence of communities of bacteria, only some of which are detected by routine bacteriology. RNA sequence analysis now provides a much more accurate representation of the actual complexity of the microbiome. This session will show how molecular bacteriology may improve the diagnosis and treatment of infection and include practical implementation of technology into the wound care practice.

SESSION 19: LOWER EXTREMITY WOUNDS

Skin Diseases of the Lower Extremity

Moderator/Speaker: Andrea Maderal, MD

The diagnosis and management of cutaneous disorders in the lower extremities is a challenge for many clinicians. This session will offer a comprehensive guide to the diagnosis and management of lower extremity dermatological conditions, how to perform biopsies, and a guide to current dermatologic therapies.

SESSION 20: OUTPATIENT CARE OF WOUNDS

NPWT: Lessons Learned-The Great Debate

Moderator/Speaker: Stanley McCallon, PT, DPT, CWS
Speaker: Todd Shaffett, DNP, FNP, CWS, DAPWCA

Although widely accepted as an adjunct to the care of many types of wounds, there is still debate on when to use NPWT, how long to use it, and in what type to use. This session will review indications, supporting data, and areas of disagreement. A robust debate will occur between proponents and opponents of widespread NPWT usage and in the process, review the use in acute and chronic wounds, closed versus open wounds, and with and without adjuncts such as irrigation or drug delivery.

WHS SESSION H

Concurrent Oral Abstracts

Oral abstract presentations will feature the highest scoring abstracts submitted to the WHS.

BREAK | 5:15 PM–5:30 PM

Grand Opening of Exhibits/Cocktail Reception

5:30 PM–8:00 PM

Thursday MAY 9

Industry-Supported Symposia Breakfast

7:30 AM–9:00 AM

BREAK | 9:00 AM–9:15 AM

6 Concurrent Sessions Choose One

9:15 AM–10:15 AM

SESSION 21: LEADING EDGE

Human Cells, Tissues, and Cellular- and Tissue-Based Products (HCT/Ps) for Autologous Use

Moderator/Speaker: Robert S. Kirsner, MD, PhD

Autologous HCT/Ps that are minimally manipulated and do not depend on the metabolic activity of living cells to achieve their primary function are regulated pursuant only to Section 361 of the Public Health Service Act (PHSA) and are essentially “fast tracked” to market. This has caused a rapid growth in this sector of the wound care market. This session will discuss regulation, availability, evidence, and experience (by case presentation) on the use of novel skin, cell-, and tissue-based products on a variety of chronic wounds.

SESSION 22: WOUND CARE 360 VIEW

Smoke’m if You Got Them: How Behavior Effects Healing and Health

Moderator/Speaker: Sal Salcido, MD, EdD

How health behavior effects healing is of critical importance. Behaviors such as tobacco/marijuana smoking and drinking alcohol may impact healing and/or the care of patients with wounds. New behaviors such as vaping may also impact healing. This session will explore what’s known and what’s not known about how these behaviors (old and new) effect healing and health.

SESSION 23: SCIENCE AND TECHNOLOGY

Aging and Wound Care

Moderator/Speaker: Tania Phillips, MD, FRCP
Speaker: Jennifer Powers, MD

The increasing elderly population has presented a need to refocus current approaches in wound care to emphasize the effects of aging and its particular metabolic and physiological challenges they present. This session will present current, state-of-the-art knowledge about age-related changes in various anatomical tissues, how age impacts the healing process, and its implications for wound care.

SESSION 24: LOWER EXTREMITY WOUNDS

Compression: More than a Number

Moderator/Speaker: Heather Hettrick, PT, PhD, CWS, CLT-LANA, CLWT
Speaker: Suzie Ehmann, PT, DPT, CWS, CLT-LANA, DN-Cert

The standard care for venous ulcers is compression. Understanding which compression approach is best is critical. The plethora of compression products available and the inconsistent use of descriptive terminology

(graduated vs progressive; elastic vs inelastic; short stretch, long stretch, no stretch) complicate compression choices. Utilizing case presentations, this session will focus on incorporating the science of compression into compression product selection for optimal patient outcomes.

SESSION 25: OUTPATIENT CARE OF WOUNDS

Wound Scene Investigation

Moderator/Speaker: Dot Weir, RN, CWON, CWS
Speakers: Lisa Gould, MD, PhD; Robert Diegelmann, PhD; Lee C. Ruotsi, MD, FACCWS, UHM, CWSP; Gregory Schultz, PhD

Clinicians are often faced with slow or non-healing and challenging wounds and are charged with finding the barrier to healing. In this interactive SAWC staple program, a diverse panel of clinicians and scientists will address real-life case studies from the bedside diagnosis and management to the underlying physiologic causes and issues and provide practical strategies for overcoming the obstacles to healing.

WHS SESSION I

Microbial-Host Interactions

9:15 AM–10:15 AM

Moderator: Elizabeth A. Grice, PhD

Speakers: Steven Percival, MSc, FIBMS, PhD; Lindsay Kalan, PhD; Diane Newman, PhD

The presence of pathogenic biofilms is known to impair healing and contribute to the chronicity of wound infections. The pathophysiological nature of these microbial communities and their roles in modulating the immunological and local wound milieu responses are being targeted for improved wound care practices. This presentation will highlight several advances in our current understanding of wound biofilms and ongoing efforts to implement these to clinical wound care.

BREAK | 10:15 AM–10:30 AM

5 Concurrent Sessions Choose One

10:30 AM–11:30 AM

Clinical and Economic Insights on the Use of Acellular Fish Skin Graft for Lower Extremity Wound Healing

Accredited/approved for CECH

Speakers: David Armstrong, DPM, MD, PhD; Allen Raphael, DPM

This session will review studies and literature on the use of acellular fish skin graft for lower extremity wound healing and examine economic and clinical studies comparing acellular fish skin graft to other cell-based therapies. Attendees will explore the efficacy of fish skin derived extracellular matrix in reducing and resolving complex lower extremity chronic wounds through case studies.

Supported by an educational grant from Kerecis.

Evaluating the Effects of High-Energy Acoustic Shock Wave Therapy on Local Skin Perfusion and Healing of Diabetic Foot Ulcers

Accredited/CECH Approved

Speaker: Oscar Alvarez, PhD, CCT, FAPWCA

This session will explore the effects of high-energy acoustic shock wave therapy on local skin perfusion and healing of diabetic foot ulcers. Results of late-breaking clinical studies designed to observe/measure oxygen saturation levels in the area of the treated wound before initiation of focused, high-energy acoustic shock wave therapy treatment, during treatment period, and post-treatment will be reviewed.

Supported by an educational grant from SANUWAVE.

Advancing Healing Trajectory With Mechanically Powered Negative Pressure Wound Therapy: An Interactive Case-Based Discussion

Accredited/CECH Approved

Speakers: Christopher Barrett, DPM, CWS; Dot Weir, RN, CWON, CWS

This interactive panel discussion will review study results outlining the effects of mechanically powered negative pressure wound therapy (MPNPWT) in promoting healing in different chronic wound types not following the normal healing trajectory. Presenters will outline a holistic approach to healing combining the use of MPWT, in conjunction with standard care treatments, as well as explore a summary of case study results using MPNPWT.

Supported by an educational grant from KCI, an Acelity company.

A Systematic Approach to Managing Diabetic Foot Ulcers: Optimizing Quality and Affordability With Novel Regenerative Technologies

Accredited/CECH Approved

Speakers: Stephen Bergquist, MD, CWSP; Jason R. Hanft, DPM, FACFAS; Jeffrey Jensen, DPM, FACFAS

With advances in next-generation offloading devices and the use of smart technology for data driven care, the future of wound healing is bright. This session will explore a systematic approach to managing diabetic foot ulcers through the use of new modalities designed to reduce or eliminate bacteria, as well as emerging science on the use of skin equivalents. Supported by an educational grant from Triad Life Sciences, Inc.

WHS SESSION J

Clinical Research in Wound Healing and the FDA

10:30 AM–11:30 A.M

Moderators: Elof Eriksson, MD; Gerald Lazarus, MD

Speakers: David J. Margolis, MD; Robert S. Kirsner, MD

WHS  Clinical research into wound healing needs significant improvement; only 0.6% of 10,066 papers evaluating interventions to improve venous leg ulcer healing met current standards for acceptable publication. This session is meant for basic scientists, clinical investigators

and clinicians on the design and evaluation of clinical wound healing research. As a specialty, we must improve the transition from discovery at the bench to the clinic so that wound healing science maintains its reputation for quality.

BREAK | 11:30 AM–11:45 AM

Lunch with Exhibitors

11:45 AM–2:15 PM

WHS Meet the Mentors

(non-accredited)

12:15 PM–2:00 PM

Moderator: Lisa Gould, MD, PhD

Speaker: Luisa Ann DiPietro, DDS, PhD

WHS  This session will provide an informal, interactive forum for trainees and new investigators on a wide range of topics in wound research and practice including scientific publications, grant writing, professional mentoring, and developing a professional network and work-life balance, among others. Several senior WHS members and established investigators will share their experiences and suggestions in individual topic-based table forums. Attendees are welcome to mingle and interact with various members.

6 Concurrent Sessions Choose One

2:15 PM–3:15 PM

SESSION 26: LEADING EDGE

Getting New Therapies Approved: New Insights Into Drug Development

Moderator/Speaker: William Eaglstein, MD

Speakers: Vickie Driver, DPM, MS, FACFAS; Lisa Gould, MD, PhD

Patients with non-healing wounds bear significant clinical, personal, and economic burdens yet complete wound healing is the only United States Food and Drug Administration (FDA)–recognized primary clinical trial endpoint. This session will discuss how associations are collaborating with the FDA to expand the list of acceptable primary endpoints, recognizing that new and innovative treatments, devices, and drugs may not have complete healing as the focus.

SESSION 27: WOUND CARE 360 VIEW

Cutaneous Drug Reactions/Acute Skin Failure

Moderator/Speaker: Daniel Federman, MD

The pendulum of benefit/risk ratio surrounding prescription and over-the-counter medications has the potential to swing in either direction. In this session, we will discuss various potential cutaneous reactions to medications, from the common to the severe, highlighting those that result in skin failure and what to do about it.

This session is estimated to award 1.0 pharmacology hours.

SESSION 28: SCIENCE AND TECHNOLOGY

Combining Science With Clinical Care: Insights Into Clinical Transcriptomics

Moderator/Speaker: Jeffrey Davidson, PhD

Speaker: Ardeshir Bayat, MD

Recent advances in single-cell transcriptomics have made it possible to monitor cell type-specific transcriptional processes. This session will reveal the research in general transcriptional programs activated in the wounded tissue and how we can leverage the latest science to optimize patient care.

SESSION 29: LOWER EXTREMITY WOUNDS

Compression: Matching the Limb to the Product

Moderator/Speaker: Suzie Ehmann, PT, DPT, CWS, CLT-LANA, DN-Cert

Speaker: Robyn Bjork, MPT, CWS, CLWT, CLT-LANA

Edematous and lymphedematous limbs present in many shapes, sizes, and textures. Matching compression products and application techniques to patient presentation for the lymphedematous patient can be a challenge. Utilizing case presentations, attendees will take away real-time tips for successful edema management utilizing different types of compression products available on the market.

SESSION 30: OUTPATIENT CARE OF WOUNDS

Scar Wars

Moderator/Speaker: Dennis Paul Orgill, MD, PhD

Speaker: Geoffrey C. Gurtner, MD, FACS

Cutaneous dermal injury leads to scar formation. In certain individuals and anatomic sites, excessive fibrosis may lead to hypertrophic scar or keloid formation. In contrast, some patients experience dermal dehiscence, which can result in the development of striae. Multiple treatment modalities exist that claim to improve hypertrophic scars, keloids, and/or striae. This session will provide an overview of the factors that contribute to scar formation and will also review the most current and available treatment options for managing hypertrophic scars, keloids, and striae in patients.

This session is estimated to award .25 pharmacology hours.

WHS SESSION K

Concurrent Oral Abstracts II

Oral presentations will feature the highest scoring abstracts submitted to the WHS.

BREAK | 3:15 PM–3:30 PM

WHS DAY 3 GENERAL SESSION

Bioengineering and Wound Healing

3:30 PM–4:30 PM

Moderators: Praveen R. Arany, DDS, PhD; Alan Wells, MD, DMSc

Speakers: Eric Brey, PhD; Heather Powell, PhD; Ardeshir Bayat, MB, BS, PhD

WHS  This session will focus on the use of biomaterial scaffolds and dressings in wound care. Fundamental principles of tissue engineering such as spatiotemporal regulation of biological and biomaterial cues to promote wound healing and tissue regeneration will be highlighted. Talks in this session will focus on how the effects on surface epithelial barriers, matrix organization, vascular perfusions, and immune cell interactions can now be exquisitely tailored using sophisticated biomaterial systems.

BREAK | 4:30 PM–4:45 PM

6 Concurrent Sessions Choose One

4:45 PM–5:45 PM

SESSION 31: LEADING EDGE

The Red Leg: What It is; What Do I Do?

Moderator/Speaker: Evonne Fowler, RN

Speaker: Marie Gehling, MSN, NP-C, CWOCN; John H. Samies, MD, FSHEA

This session will focus on the proper diagnosis and differential diagnosis of lower extremity cellulitis versus other dermatological conditions that can cause “The Red Leg.” This session will differentiate between infective cellulitis and other diagnoses such as venous insufficiency, Raynauds’, dermatitis, and other conditions that can result in incorrect treatment and even inappropriate hospital admissions. Clinical correlation with case studies will show the differences in this informative session.



SESSION 32: WOUND CARE 360 VIEW

So, It's Been a While...
Documenting and Tracking Healing

Moderator/Speaker: Laurie McNichol, MSN, RN,
GNP, CWON, CWON-AP

Speaker: Catherine Ratliff, PhD, GNP-BC, CWOCN,
CFCN

The secret to healing chronic wounds lies in recognizing the well-published barriers to healing and intervening at the right time to enhance wound repair. What does the wound that is not healing appropriately look like? And when is the ideal time to change treatments, move to an advanced modality, or refer to another level of care? Is it always 4 weeks? This session will provide guidance in the critical points of assessment, as well as parameters and markers to watch for to guide in decision-making in order to improve the healing trajectory.

SESSION 33: SCIENCE AND TECHNOLOGY

Clinical Research Design:
A Primer

Moderator/Speaker: David J. Margolis, MD, PhD
Speaker: Robert S. Kirsner, MD, PhD

Growing interest and awareness of wound care and novel technologies has generated unprecedented opportunities for human clinical studies in wound care. The unique challenges of the wound healing process and appropriate design and execution of clinical studies will be highlighted in this session.

SESSION 34: LOWER EXTREMITY WOUNDS

Ghost in the Machine: How Good
are Point-of-Care Diagnostic Tools?

Moderator/Speaker: Kevin Woo, PhD, RN, FAPWCA
Speaker: Rosemary Hill, BSN, CWOCN, WOCN (C)

New point-of-care testing is on the horizon, which holds promise to provide real-time data and fast, simple, accurate, and objective evaluation of chronic wounds. Attend this session to learn about exciting, late-breaking technologies designed to enable clinicians to deliver quicker, more accurate response to patients with chronic wounds.

SESSION 35: OUTPATIENT CARE OF WOUNDS

Skin Grafting: Old and New

Moderator/Speaker: Terry Treadwell, MD, FACS

Skin grafting, usually autologous, remains one of the oldest and most reliable methods of obtaining epithelial coverage. This session will address newer advances to the established methods to enhance outcomes.

WHS SESSION L

Wound Healing Foundation – 3M
Fellowship Lecture

4:45 PM–5:40 PM

Moderators: Laura K.S. Parnell, BS, MS, CWS;
Veronica Haywood, DPT

Speaker: Swathi Balaji, PhD

WHS The purpose of this 1-year Wound Healing Fellowship supported by 3M is to stimulate scientific research and career development of young investigators or junior faculty who are pursuing a career in wound healing research. The 2018 3M fellow, Swathi Balaji, will present her research on mechanisms of cutaneous wound healing and scar formation. The 2019 winner will be announced in this session.

BREAK | 5:45 PM–6:00 PM

WHS Business Meeting

5:45 PM–6:45 PM

2 Concurrent Sessions
Choose One

6:00 PM–7:00 PM

SESSION 36

Can We Talk? Podium Skills that
Make a Difference

Moderator/Speaker: Pamela Scarborough, PT, DPT,
MS, CWS, CEEAA

This session is designed to help budding and seasoned speakers by providing key concepts to keep an audience engaged when giving presentations. This presentation will cover speaking basics, strategies to organize effective PowerPoint presentations, and practical tips for a clear, effective delivery of a focused message.

SESSION 37

SAWC Poster Grand Rounds

Speaker: TBD

The SAWC Poster Grand Rounds is a walking session where attendees assemble at several educational posters and are given a brief lecture on how to present an effective research poster. Afterward, attendees are escorted to two to three specially selected posters that have been submitted in advance by poster presenters for SAWC critique. Attendees will learn how to present clinical research/education in an effective poster format by viewing and discussing examples of what one should and should not present when developing an effective, methodologically rigorous poster for dissemination.

WHS SESSION M

Rapid Fire Poster Talks

6:45 PM–7:15 PM

Moderators: Timothy W. King, MD, PhD; Praveen R.
Arany, DDS, PhD

WHS This session will highlight the highest scoring abstracts selected for poster presentations. Eight short 'rapid-fire' poster talks will be featured. Presenters will have one slide and 2 minutes to summarize novel research findings, then 1 minute to answer questions. This session will immediately precede the poster gala, where all poster presenters will be available to discuss their research.

WHS & SAWC Spring
Poster Gala/Awards

7:15 PM–8:45 PM

**POSTER PRESENTERS SHOULD ATTEND
THIS ENTIRE EVENT**

SAWC DAY 3 | WHS DAY 4

Friday
MAY 10

Industry-Supported Symposia
Breakfast

7:30 AM–9:00 AM

BREAK | 9:00 AM–9:15 AM

WHS DAY 4 GENERAL SESSION

New Frontiers In Fetal Wound
Healing

9:15 AM–10:15 AM

Moderators: Timothy W. King, MD, PhD;
Adrian Barbul, MD

Speakers: Traci A. Wilgus, PhD; Kenneth W. Liechty, MD

WHS The early reports on the scarless pattern of healing has intrigued biologists and clinicians alike. This has brought much attention to the unique biological microenvironment and clinical needs in fetal and neo-natal wound care. This talk will present some of these highlights and emphasize the current status of this specialized area of wound healing.

6 Concurrent Sessions
Choose One

10:30 AM–11:30 AM

SESSION 38

SAWC Rapid-Fire Abstract
Presentations

(Non-Accredited/Non-Approved for CECH)

This new and exciting session will feature six abstract presentations, including one Young Investigator. Each author will have 5 minutes to present key results of their research. Each fast-paced presentation will be immediately followed by Q&A time with the audience, animated by the experts chairing the session. Attend this session to join in on the leading edge of wound prevention and care.

Industry-Supported Symposium

Non-Accredited/Non-CECH Approved

Sponsored by Ferris Mfg. Corp.

Industry-Supported Symposium

Non-Accredited/Non-CECH Approved

Sponsored by URGO Medical, NA.

Industry-Supported Symposium

Non-Accredited/Non-CECH Approved

Industry-Supported Symposium

Non-Accredited/Non-CECH Approved

WHS SESSION N

Concurrent Oral Abstracts III

Oral presentations will feature the highest scoring abstracts submitted to the WHS.

BREAK | 11:30 AM–11:45 PM

Lunch With Exhibitors

11:45 AM–2:15 PM

GENERAL SESSION DAY 3

The San Antonio Wound
Experience: Burns, the Military,
and More

2:15 PM–3:15 PM

Moderator/Speaker: TBD

Step into the future of military burn treatment. Experience how a San Antonio-based Military Burn Center, renowned worldwide for its cutting-edge treatment of burn injuries, continues to innovate with new skin substitutes and replacements, resuscitation techniques, and inhalation injury mitigation.

BREAK | 3:15 PM–3:30 PM



5 Concurrent Sessions
Choose One

3:30 PM–4:30 PM

SESSION 39: LEADING EDGE

Top 8 Tips From the Experts for
Managing Venous Leg Ulcers

Moderator/Speaker: Dot Weir, RN, CWON, CWS
Speaker: Susie Seaman, NP, MSN, CWON

This session will explore eight actionable approaches and best practices in managing venous disease and venous leg ulcers and review challenging cases of venous leg ulcers and practical approaches to management.

About the Wound Healing Society

The WHS is a nonprofit organization composed of basic researchers, clinical scientists and wound care specialists, and its mission is to improve wound healing outcomes through science, professional education, and communication. The WHS promotes interactions among scientists, clinicians, wound care practitioners, industry representatives, and government agencies. The WHS is open to individuals who have a broad interest in advancing the field of wound healing and it presently has close to 600 active members in the United States and other countries. The Society's journals, Wound Repair and Regeneration and Advances in Wound Care are the leading journals in their discipline. The WHS Annual Meeting (May 7-10, 2019) is held jointly with the Symposium on Advanced Wound Care Spring to share the latest in wound healing research, discuss innovative technologies, develop new initiatives, network with colleagues, establish new collaborations, reconnect with old friends, and hopefully, make new ones.

WHS members qualify for a **20% off discount** on SAWC Spring registration. Please visit **www.WoundHeal.org** for more information.

SESSION 40: WOUND CARE 360 VIEW

Getting Wound Care Right: Understanding Basics of Debridement and Other Core Principles

Moderator/Speaker: Hadar Lev-Tov, MD

Debridement of wounds is one of the most basic of skills in wound care today. From selective to non-selective, surgical to enzymatic, there are a number of options that wound care providers have to make the proper decision for each wound encountered. This session will specifically delve into why debridement is performed, various technologies, and a presentation of cases to show both positive and negative outcomes from debridement. The participant will be given clinical pearls to implement into practice.

This session is estimated to award .25 pharmacology hours.

SESSION 41: SCIENCE AND TECHNOLOGY

Driving Clinical Care in Wound Health Through Science

Moderator/Speaker: Aristidis Veves, MD, DSc

Wound care professionals can improve clinical outcomes by using scientific evidence to meet patient and wound care goals. This session will describe the potential of science as a driver in improving outcomes in wound care.

SESSION 42: LOWER EXTREMITY WOUNDS

Crisis in Healthcare: The Challenge of "Diabetes"

Moderator/Speaker: Andrew J.M. Boulton, MD, DSc (Hon), FACP, FICP, FRCP

Speaker: Willy Marcos Valencia, MD, MSc

Obesity and diabetes mellitus type 2 are inextricably linked and have been called "diabetes." The challenge of these disorders, both acute and long-term, to the healthcare system, and to those providing care for patients with wounds, will be described. This session will focus on epidemiological realities and the requisite demands inherent for quality care of diabetic obese and morbidly obese patients.

SESSION 43: OUTPATIENT CARE OF WOUNDS

HBOT: Patient Selection in the Age of Scrutiny

Moderator/Speaker: Darlene Carey, MBA

Speaker: Helen Gelly, MD, FUHM, FACCWS, UHM/ABPM

Hyperbaric oxygen therapy (HBOT) has come under increased scrutiny in the last several years. Now more than ever, clinicians must know how to select suitable candidates for this adjunctive therapy or potentially face financial penalties. This lecture will focus on choosing appropriate patients for HBOT using real life examples of approved indications and information from the national coverage determination (NCD). In addition, the presentation will emphasize the key elements of documentation required to meet medical necessity criteria. The goal of the lecture is for clinicians to feel comfortable identifying patients and providing necessary documentation for hyperbaric therapy.

BREAK | 4:30 PM-4:45 PM



5 Concurrent Sessions Choose One

4:45 PM-5:45 PM

SESSION 44: LEADING EDGE

Wound Infection and Biofilm

Moderator/Speaker: Gregory Shultz, PhD

Speaker: Randall D. Wolcott, MD

This session will discuss how the skin microbiome may relate to wound infections and biofilms. Important characteristics of biofilms will be reviewed, as well as newer methods of assessment and novel technologies designed to eradicate them from a chronic wound.

SESSION 45: WOUND CARE 360 VIEW

Dermatology for Wound Care Providers

Moderator/Speaker: Brian Machler, MD

Wound care providers frequently are not only asked by patients about their wounds, but about other skin conditions as well. In this session, we will discuss both common dermatoses and some unusual causes of skin disease.

This session is estimated to award .25 pharmacology hours.

SESSION 46: SCIENCE AND TECHNOLOGY

Genetics, Environment, and Wounds

Moderator/Speaker: Rebecca Bryan, DNP, AGPCNP-BC

Speaker: Janice Beitz, PhD, RN, CS, CNOR, CWOCN-AP, CRNP, ANEF, FAAN

Wound development and wound healing are affected by many factors. Emerging science suggests that current and past environment and early life experiences affect wound risk factors and chronic illness development via epigenetics. This session will focus on genetics and wound healing as well as on these critical relationships, especially the role of adverse childhood experiences (ACEs) in the development of adult co-morbidities including obesity and morbid obesity.

SESSION 47: LOWER EXTREMITY WOUNDS

Managing Pain in the Wound Care Patient in an Era of an Opioid Crisis

Moderator/Speaker: Daniel G. Tobin, MD, FACP

Speaker: Daniel Federman, MD

Unfortunately, pain is common in patients with wounds and if unaddressed or managed poorly, can impair the patient's quality of life or lead to other adverse consequences. In this session, we will discuss rational pharmacologic and non-pharmacologic therapies and ways of monitoring the patients prescribed opioids.

This session is estimated to award .5 pharmacology hours.

SESSION 48: OUTPATIENT CARE OF WOUNDS

Get Ready for a MAC Attack

Moderator/Speaker: Eric Lullove, DPM

Speaker: Caroline Fife, MD

Under new guidelines, CMS has ordered the Medicare Administrative Contractors (MAC) to begin processing what are called "targeted probes." This process is designed to specifically target facilities and providers of services who the MACs have identified as having high denial rates or unusual billing practices. However, in some cases, the MACs are now authorized to use the Targeted Probe and Education (TPE) Program as a reimbursement collection model to audit those facilities and providers if selected. This session will highlight situations and coding issues that may trigger a TPE audit and how you can protect yourself as a healthcare provider. The participant will be able to take home pearls to implement immediately.

Saturday

MAY 11

Industry-Supported Symposia Breakfast

7:30 AM–9:00 AM

BREAK | 9:00 AM–9:15 AM

5 Concurrent Sessions Choose One

9:15 AM–10:15 AM

SESSION 49: LEADING EDGE

New Insights Into the Care of the Diabetic Foot and Diabetic Foot Ulcers

Moderator/Speaker: David G. Armstrong, DPM, MD, PhD

Speaker: Laura Shin, DPM, MD, PhD

The management of diabetic ulcers requires a multi-modal approach involving local wound care, pressure prevention, infection control, and, in some cases, revascularization. This session will outline new insights in the management of diabetic foot ulcers and key areas and best practices to optimize patient outcomes.

SESSION 50: WOUND CARE 360 VIEW

Prevention and Management of “Top-Down” Injuries

Moderator/Speaker: Sharon Baranoski, MSN, RN, CWCN, CCNS-APN, FAAN

Speaker: Elizabeth A. Ayello, PhD, RN, CWON, ETN, FAAN

This session will examine the similarities and differences between superficial skin issues related to moisture-associated damage, medical adhesive-related skin injury, and skin tears including prevention and treatment strategies.

SESSION 51: SCIENCE AND TECHNOLOGY

Harnessing Energy for Wound Healing

Moderator/Speaker: Praveen Arany, DDS, PhD

Speaker: Vickie Driver, DPM, MS, FACFAS

Attempts at therapeutically modulating the dynamic process of wound healing has led to several new devices and technologies. This session will showcase these energy-based innovative approaches that present novel opportunities to improve wound care.

SESSION 52: LOWER EXTREMITY WOUNDS

Pediatric Wound Care

Moderator/Speaker: Sundeeep Keswani, MD

Speaker: Vitaliya Boyar, MD, CWSP, FAAP, FAAWC

Treating pediatric patients with wounds as though they are small adults ignores their vulnerability and unique physiology. Independent of race, ethnicity, and social class, acute and chronic wounds, as well as wound-related diseases, continue to be the leading cause of morbidity and mortality among children worldwide. How prepared are we to deliver evidence-based care to pediatric wounds of varying etiologies? Lack of research and safety concerns make it challenging for cli-

nicians to make informed decisions regarding wound care in the pediatric population. This session will explore common issues in treating pediatric wounds and how we can address these issues.

SESSION 53: OUTPATIENT CARE OF WOUNDS

Most (but not all) Leg Ulcers are Venous Ulcers: Atypical Presentations and Etiologies

Moderator/Speaker: Susie Seaman, NP, MSN, CWON

Speaker: Tania Phillips, MD, FRCPC

This session will discuss the most common “uncommon” leg ulcers: inflammatory wounds, hematological ulcers, wounds associated with metabolic disorders, and those secondary to malignancy. Clinical presentation, diagnostic criteria, and treatment strategies will be shared in a case presentation format.

This session is estimated to award .25 pharmacology hours.

BREAK | 10:15 AM–10:30 AM

5 Concurrent Sessions Choose One

10:30 AM–11:30 AM

SESSION 54: LEADING EDGE

New Technologies: Wearables and Smart Bandages

Moderator/Speaker: David G. Armstrong, DPM, MD, PhD

Speakers: Geoffrey C. Gurtner, MD, FACS; Bijan Najafi, PhD, MS

The purpose of this session is to explore the many ways in which worn technology can improve the health, wellbeing, and healing of our patients. Particular themes will include footwear inserts that monitor temperature to sense neuropathic ulcer development, sensors in wound dressings that monitor wound chemistry while healing, and smart bandages that remotely monitor counter compression and off-loading. Implications for telehealth and preventive medicine will also be discussed.

SESSION 55: WOUND CARE 360 VIEW

Get Paid, Be Happy: Reimbursement in Wound Care

Moderator/Speaker: Kathleen D. Schaum, MS

This in-depth session provides a synopsis of government programs and how they affect reimbursement and delivery of care. Healthcare providers will be provided resources through which they can be informed of current and upcoming health policies. Finally, this session will define how reimbursement changes and impacts inpatient and outpatient wound care.

SESSION 56: SCIENCE AND TECHNOLOGY

Feed Me: Understanding Key Issues in Nutrition

Moderator/Speaker: Nancy Munoz, DCN, MHA, RDN, FAND (BC)

Speaker: Mary Litchford, PhD, RDN, LDN



Malnutrition and nutrient deficiencies remain key risk factors for wound failure and failure to heal; however, addressing them clinically does not always result in successful wound healing. This session will focus on defining catabolism/anabolism and expanding knowledge of ways to facilitate enhancing reversal of nutrient deficits and set expectations for results.

SESSION 57: LOWER EXTREMITY WOUNDS

Biomechanics of the Foot: Practical Implications

Moderator/Speaker: Bijan Najafi, PhD, MS

Speaker: Sonia Mvuemba, DPM, MSHS

This session will provide an overview of age and disease-related changes in the biomechanics of the diabetic foot. Theoretical implications will be addressed as well as patient-centric practical solutions for both prophylaxis and treatment.

SESSION 58: OUTPATIENT CARE OF WOUNDS

Real and Present Danger: Legal Issues and the Wound Care Provider

Moderator/Speaker: Edward Beitz, JD

Speaker: Laura Tull, Esq

The tort system is a very real part of today’s wound care practice. It isn’t enough to simply practice good quality medicine, according to accepted best practices and standards of care. The reality is, in spite of high quality and appropriate care, the outcome is sometimes less than favorable, and the realities and emotions lead to a lawsuit. This session will focus on the measures we can take as providers, to not only provide optimal care to our patients, but to document and communicate that care in such a fashion that we are able to successfully defend ourselves and our care should we find ourselves in a position of defense.

Accreditation Information



In support of improving patient care, this activity has been planned and implemented by North American Center for Continuing Medical Education, LLC (NACCME) and the Wound Healing Society. NACCME is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Physicians

NACCME designates this live activity for a maximum of 28 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

6.0 AMA PRA Category 1 Credits™ for WHS Day 1, 19.0 AMA PRA Category 1 Credits™ for the main conference, and 3.0 AMA PRA Category 1 Credits™ for the post-conference.

Nurses

This continuing nursing education activity awards 28 contact hours.

6.0 contact hours for WHS Day 1, 19 contact hours for the main conference, and 3.0 contact hours for the post-conference.

Provider approved by the California Board of Registered Nursing, Provider Number 13255 for 28 contact hours. 6.0 contact hours for WHS Day 1, 19 contact hours for the main conference, and 3.0 contact

hours for the post-conference.

This activity will also award pharmacotherapeutic contact hours. However, the final credits so designated will not be announced until all content is reviewed and approved.

Podiatrists

This activity has been planned and implemented in accordance with the standards and requirements for approval of providers of continuing education in podiatric medicine through a joint provider agreement between NACCME and the Wound Healing Society. NACCME is approved by the Council on Podiatric Medical Education as a provider of continuing education in podiatric medicine. NACCME has approved this activity for a maximum of 28 continuing education contact hours.

6.0 continuing education contact hours for WHS Day 1, 19 continuing education contact hours for the main conference, and 3.0 continuing education contact hours for the post-conference.

Dietitians

NACCME is a Continuing Professional Education (CPE) Accredited Provider with the Commission on Dietetic Registration (CDR). CDR Credentialed Practitioners will receive 28 continuing professional education units for completion of this activity/material. Provider #HMO01. Level 3 Synthesis.

6.0 continuing professional education units

for WHS Day 1, 19 continuing professional education units for the main conference, and 3.0 continuing professional education units for the post-conference for completion of this activity/material.

Physical Therapists

NACCME will apply for pre-approval accreditation in California, Florida, Louisiana, Maryland, New Jersey, Nevada, Ohio, and Texas, which require preapproval. If you practice in another state, please consult its PT board.

Hardware/Software Requirements

All educational activities are accessible via a PC (Windows 2000/XP/Vista/7) or Mac (Mac OS 10.x or later) computer with current versions of the following browsers: Internet Explorer, Mozilla Firefox, Google Chrome, or Safari. Windows Media Player or compatible alternative, sound card, and speakers are required for streamed audio. The latest version of the Adobe Flash Player is suggested for video programs. A PDF reader is required for print publications. Please direct technical questions to webmaster@naccme.com.

Requirements for Credit

To be eligible for documentation of credit for each session attended, participants must participate in the full activity and complete the online general survey and the online evaluation form for each session by June 11, 2019. Once done, participants may immediately print documentation of credit. For questions regarding this educational

BREAK | 11:30 AM–11:45 AM

GENERAL SESSION DAY 4

John Boswick Memorial Award and Lectureship: Themes From a Career in Wound Care and Beyond

11:45 AM–12:45 PM

Moderator/Speaker: Diane L. Krasner, PhD, RN, FAAN

Speakers: Catherine T. Milne, MSN, APRN, ANP/ACNS-AP, CWOCN-AP; Kevin Y. Woo, RN, FAPWCA

Reflecting on their careers and experiences together, the speakers will discuss six themes that have emerged: when opportunity knocks, open the door; having new eyes; carrying the research forward; educating others; collaborating; being mentored and mentoring. Exemplars of these themes will be illustrated including wound pain models and research, the Why Wound Care? Campaign, and the Post-Acute Care Symposium.

Lunch On Your Own

12:45 PM–1:30 PM

Post-Conference

1:30 PM–4:30 PM

2019: A “BIG” Year for Reimbursement Changes

Moderator/Speaker: Kathleen D. Schaum, MS

This in-depth session provides a synopsis of government programs and how they affect reimbursement and delivery of care. Healthcare providers will be provided resources through which they can be informed of current and upcoming health policies. Finally, this session will define how reimbursement changes and how this impacts inpatient and outpatient wound care.

activity, please call (609) 371-1137.

Privacy Policy

NACCME protects the privacy of personal and other information regarding participants, educational partners, and joint sponsors. NACCME and our joint sponsors will not release personally identifiable information to a third party without the individual’s consent, except such information as is required for reporting purposes to the appropriate accrediting agency.

NACCME maintains physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Copyright © 2018 by North American Center for Continuing Medical Education, LLC. All rights reserved. No part of this accredited continuing education activity may be reproduced or transmitted in any form or by any means, electronic or mechanical, without first obtaining permission from North American Center for Continuing Medical Education.

ADA Statement

North American Center for Continuing Medical Education complies with the legal requirements of the Americans with Disabilities Act and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please call (609) 371-1137.

No commercial interest provided financial support for this continuing education activity.



SAN ANTONIO, TX

SAWC Spring | WHS is being held at The Henry B. González Convention Center.

Registration for SAWC I WHS must be completed before hotel reservations will be accepted. Once you have completed the registration process, you will be directed to secure your hotel room. Please note that hotels will not accept reservations directly.

Hotel Options

Grand Hyatt San Antonio
600 E. Market Street
San Antonio, TX 78205
Phone: 210-224-1234
Grand Hyatt San Antonio is approximately 15 minutes from San Antonio International Airport and connected to the Henry B. González Convention Center.
Check in is 4 PM. Check out is 11 AM.
Room Rate: \$229 single/double per night*

Marriott Riverwalk
889 E. Market Street
San Antonio, TX 78205
Phone: 210-224-4555
Marriott Riverwalk is approximately 15 minutes from San Antonio International Airport and across the street from the Henry B. González Convention Center.
Check in is 4 PM. Check out is 11 AM.
Room Rate: \$229 single/double per night*

Marriott Rivercenter
101 Bowie Street
San Antonio, TX 78205
Phone: 210-223-1000
Marriott Rivercenter is approximately 15 minutes from San Antonio International Airport and one block from the Henry B. González Convention Center.
Check in is 4 PM. Check out is 11 AM.
Room Rate: \$219 single/double per night*

Hilton Palacio del Rio
200 S. Alamo Street
San Antonio, TX 78205
Phone: 210-222-1400
Hilton Palacio del Rio is approximately 15 minutes from San Antonio International Airport and one block from the Henry B. González Convention Center.
Check in is 3 PM. Check out is 12 PM.
Room Rate: \$205 single/double per night*

**These rates are for SAWC Spring I WHS attendees only and are subject to change. Please note that rates do not include applicable taxes.*

Changes/Cancellations
To change your reservation, please contact the hotel directly.

Airfare
Airfare discounts up to 10% for Spring SAWC I WHS participants are available through various airlines. Discounts are valid on travel from May 5, 2019 to May 14, 2019. Book your flight by contacting:

United Airlines
800-426-1122
Discount Code: ZFKY521160

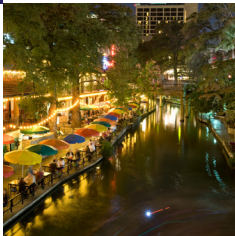
Delta Airlines
800-328-1111
Discount Code: NMSAL

You may also book your airfare by calling HMP Travel at 800-237-7285, ext. 4218. Tickets booked via phone are subject to a \$35 booking fee.

Taxi
Approximately \$30 from the airport to hotels.

Shuttle
Super Shuttle offers cost-effective transportation services between San Antonio International Airport and your hotel. SAWC Spring/WHs attendees will receive 10% off airport rides. The discount is valid from May 3, 2019 to May 14, 2019.
To make reservations online, visit <https://www.supershuttle.com/default.aspx?G-C=N6397&HideGC=Y> or by phone, call 1-800 BLUE VAN (800-258-3826) and reference your booking code N6397. Please note, phone reservations may incur a \$3 booking fee.

Parking
Convention Center Garage
850 E. Commerce (corner of Commerce and Bowie Streets)
Daily flat rate: \$10
Event flat rate: \$11
Across street from main entrance to Convention Center and Lila Cockrell Theatre.



ATTENDEE INFORMATION

☐ **WHS MEMBER** Member ID _____
to obtain your member id or to join the whs, visit www.woundheal.org.

NPI Number (Required for MD/DO, DPM, NP, PA)		State in which you are licensed	
First Name		Last Name	
Degree/Credentials (RN, MD, DPM, etc.)			
Title		Company/Organization Name	
Home Address 1			
Home Address 2			
City	State	Zip	Country
Telephone		Fax	
Email Address (confirmations will be sent via e-mail)			

PROFESSIONAL CATEGORY (CHOOSE CLOSEST TO YOUR PROFESSION)
☐ MD/DO ☐ DPM ☐ MSN/BSN/RN (CWOCN, CWS, etc)
☐ MSN/BSN/RN (no certificate) ☐ NP ☐ PT ☐ Dietitian/Nutritionist
☐ PharmD ☐ PhD ☐ Industry ☐ Researcher
☐ Health facility management (non-clinical) ☐ LPN/NA ☐ PA

IN WHICH CARE SETTING IS THE MAJORITY OF YOUR TIME SPENT?
☐ Home care ☐ Long-term care ☐ Hospital ☐ Private practice
☐ Wound care center/clinic ☐ University ☐ Vascular lab ☐ VA Hospital
☐ Hospice ☐ Research and industry ☐ Other _____

HOW DID YOU FIND OUT ABOUT THIS YEAR'S MEETING?
☐ Journal advertisement ☐ Direct mail ☐ Email ☐ AAWC
☐ Prior attendee ☐ Google/other search engine ☐ Website
☐ SAWC sales rep ☐ Colleague/employer ☐ WHS ☐ Other _____

IS THIS YOUR FIRST SAWC? _____

ARE YOU A POSTER PRESENTER? ☐ Yes ☐ No

ARE YOU ATTENDING THE POSTER RECEPTION ON 5/9/19? ☐ Yes ☐ No

ARE YOU CURRENTLY A FULL- OR PART-TIME FEDERAL EMPLOYEE (ACTIVE MILITARY, VA, ETC.)? ☐ Yes ☐ No

Visit sawcspring.com for active-duty military pricing.

SESSION REGISTRATION

Please circle the main conference sessions, listed below, that you wish to attend.

WHS DAY 1 TUESDAY, MAY 7, 2019						
Are you attending this day?	YES			NO		
SAWC DAY 1 WHS DAY 2 WEDNESDAY, MAY 8, 2019						
10:45 AM-11:45 AM	1	2	3	4	5	WHS F
1:45 PM-2:45 PM	6	7	8	9	10	WHS G
3:00 PM-4:00 PM	11	12	13	14	15	
4:15 PM-5:15 PM	16	17	18	19	20	WHS H
SAWC DAY 2 WHS DAY 3 THURSDAY, MAY 9, 2019						
9:15 AM-10:15 AM	21	22	23	24	25	WHS I
10:30 AM-11:30 AM	ISS			WHS J		
2:15 PM-3:15 PM	26	27	28	29	30	WHS K
4:45 PM-5:45 PM	31	32	33	34	35	WHS L
6:00 PM-7:00 PM	36			37		
6:45 PM-7:15 PM	WHS M					
SAWC DAY 3 WHS DAY 4 FRIDAY, MAY 10, 2019						
10:30 AM-11:30 AM	38		ISS		WHS N	
3:30 PM-4:30 PM	39	40	41	42	43	44
4:45 PM-5:45 PM	44	45	46	47	48	
SAWC DAY 4 SATURDAY, MAY 11, 2019						
9:15 AM-10:15 AM	49	50	51	52	53	54
10:30 AM-11:30 AM	54	55	56	57	58	
POST-CONFERENCE (ADDITIONAL FEES APPLY)						
1:30 PM-4:30 PM	A "BIG" Year for Reimbursement Changes					

Pre-Registration Seating in certain sessions may be limited, so be sure to register early. Registrations will be accepted by fax, mail, and the Internet. Registrations cannot be done through the phone. Fax and Internet registrations are for credit card payments only. Register online at www.sawcspring.com or complete the enclosed registration form and return it with your credit card pay-

ment or check made payable to HMP. All registration forms received without a method of payment will not be considered pre-registered and you will be required to register onsite.
Register Online www.sawcspring.com (credit card payments only)
Register by Mail All checks must be drawn on a U.S. bank in U.S. funds

and sent with your registration form to HMP, Attention: SAWC Spring Registration Department, 70 E. Swedesford Road, Suite 100, Malvern, PA 19355
Register by Fax 610-560-0502

CONFERENCE REGISTRATION

Choose member pricing if you are a member of WHS. Visit sawcspring.com for active-duty military and current student rates.

	EARLY BIRD by 2/22/19	ADVANCED by 3/29/19	PRICING AFTER 3/29/19
☐ Main Conference (Non-Healthcare Provider) \$800			
Note: if you are employed by industry, you must register as a Non-Healthcare Provider			
☐ Main Conference (PhD, MD, DPM) \$			
Membership pricing	\$495	\$516	\$546
Non-member pricing	\$617	\$645	\$683
☐ Main Conference (RN, PT, PAs, office assistants) \$			
Membership pricing	\$300	\$345	\$405
Non-member pricing	\$379	\$430	\$509
☐ Post-Conference \$			
Membership pricing	\$106	\$125	\$125
Non-member pricing	\$133	\$157	\$157

MVP—BEST VALUE!

☐ MVP (PhD, MD, DPM) \$			
Membership pricing	\$723	\$754	\$798
Non-member pricing	\$904	\$943	\$998
☐ MVP (RN, PT, PAs, office assistants) \$			
Membership pricing	\$560	\$605	\$645
Non-member pricing	\$700	\$759	\$809

ADDITIONAL ENTRY OPTIONS (NO DISCOUNTS MAY BE APPLIED)

☐ **One-Day Conference Pass** **\$424**
Choice of day (check one):
☐ Wed, May 7 ☐ Thurs, May 8 ☐ Fri, May 9 ☐ Sat, May 10 ☐ Sun, May 11

☐ **Guest Badge (Exhibit Hall Only)** **\$212**
One guest badge per registered attendee. Not available for Non-Healthcare Provider/Industry.

First Name	Last Name

☐ SAWC Spring 2019 T-Shirt ☐ S ☐ M ☐ L ☐ XL ☐ XXL \$15	
☐ Today's Wound Clinic (TWC) \$84	Yearly subscription

TOTAL PAYMENT ENCLOSED

\$ _____

SAWCSRING.COM | 800.213.0015

METHOD OF PAYMENT

Choose from the following options.

☐ **Check payable to HMP**
Mail to 70 E. Swedesford Road, Suite 100, Malvern, PA 19355
All checks must be drawn on a U.S. bank in U.S. funds.

Credit Card (check one)
☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

Name on Card		

Credit Card Number		

Exp. Date	Security Code	Billing Postal Code
_____	_____	_____
Signature of Cardholder (required)		

NACCME will appear as the business name on your bank or credit card statement.

Cancellation Policy Cancellation requests must be received in writing and postmarked by March 22, 2019. All cancellations via email must be submitted by this date to sdonato@hmpglobal.com. Cancellations received by March 22, 2019 will receive a refund minus a \$100 processing fee. Registrants wishing to cancel may send someone to take their place without penalty if they send a written request with the replacement person's name by April 23, 2019. No refunds will be issued after March 22, 2019. If you do not cancel and do not attend the event, you are still responsible for the full payment. Payments made may not be applied toward tuition for future SAWC conferences or other meetings or products offered by NACCME. No refunds are offered for classes that may be suspended or shortened due to weather or other conditions/circumstances beyond HMP's control.

Posters Accepted posters will be presented at the SAWC Spring I WHS. Healthcare professionals from around the world will gather to learn from colleagues about cutting-edge technology and techniques to aid them in day-to-day patient management. Visit www.sawcspring.com for submission guidelines.

Other Educational Activities Available at the SAWC Spring I WHS
Keep an eye on your email for notifications regarding industry-supported symposia being offered at the SAWC Spring I WHS. These sessions will be offered during breakfast, lunch, and dinner hours. Please note that these sessions will not be offered to industry and they fill up quickly.

Children Under no circumstances will children younger than 18 be allowed in the Exhibit Hall during installation or dismantling. For insurance reasons, children younger than 18 are not permitted on the show floor. Because of limited seating capacity and the highly technical nature of the programs, children younger than 18 are not invited to attend presentations.



May 7-11
San Antonio, TX

Connect, Learn & Grow

AT AN ALL NEW SYMPOSIUM
ON ADVANCED WOUND CARE

Register early for incredible
savings & MVP benefits.

SAWCSPRING.COM