

SAWC Spring

WHS 

May 13–17
2020
SAN DIEGO



WHERE
YOU MAKE
THE
DIFFERENCE



THE EDUCATION YOU RECEIVE TODAY, COULD MAKE A DIFFERENCE IN A LIFE TOMORROW.

INNOVATIVE

Our education and exhibit hall bring to the forefront leading-edge approaches to wound prevention, treatment, and management through research, technology, and collaboration. See and hear it here first.

INTERDISCIPLINARY

Expand your wound care knowledge at the outlet where best-in-class experts from multiple disciplines and practice settings share collaborative approaches and techniques.

INCLUSIVE

SAWC embraces professionals from every segment of the wound care field. With educational sessions open to everyone, learn about any topic that interests you, and walk away with new tools, new techniques, and new perspectives.

INSPIRATIONAL

Join a global community of your peers for 5 days and be inspired by the passion and power of 2,000 professionals focused on improving patient outcomes and restoring hope.

Join your peers at SAWC for the most comprehensive educational wound care program and make a real difference in the lives of your wound care patients.

sawcspring.com

Part of the  Wound Care Learning Network

woundcarelearningnetwork.com



The Symposium on Advanced Wound Care (SAWC) Spring, in partnership with the Wound Healing Society (WHS), is the premier forum where the best and brightest across the global wound care spectrum gather to learn, grow, connect, and improve.

2,000+
wound care
professionals

5 days
of learning

100+
sessions

120+
faculty, with
25% new SAWC
educators

30+
credits*

200+
exhibitors
unveiling new
products &
technology

* Maximum available credits.
Subject to change.

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\$415 value added—the most cost-efficient way to attend SAWC.

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Use promo code MVP50 to save an additional \$50 off your MVP registration*

MVP INCLUDES

Access to SAWC Spring 2020 On Demand (\$185 value)

Access reimbursement postconference (\$150 value)

Chronic Wound Care: The Essentials book (\$80 value)

SAWC tote bag and t-shirt

Unrestricted access to more than 80 educational activities over 5 days

Opening night reception

Daily Industry-Supported Symposia and Innovation Theatre lunch and breakfast options on 4 days**

Three days of the premier Exhibit Hall in wound care

Exhibitor guide

Abstract book

Post-Acute Care Symposium

LEADING EDUCATORS

Learn from world-renowned faculty—including 25% new faculty for 2020

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Wound Healing Society Program

We invite you to join us for the 32nd 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 2020 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 San Diego Zoo for all WHS Members.

4-DAY PROGRAM HIGHLIGHTS

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 cell biologist and 2013 Nobel Prize Laureate Randy W. Schekman, PhD

WHS Scientific Sessions

This year's program includes sessions highlighting the wound microbiome, neuroinflammation, cancer and chronic wounds, biomaterials, fibrosis and scarring, regeneration, and emerging concepts in therapy

Returning: Wound Shark Lunch

This popular competition returns for a second year with two tracks: Translational (clinical research studies) and Commercial (products and devices). We encourage all attendees to join us for these interactive presentations and demonstrations

Wound Healing Foundation-3M Fellowship Lecture and Medline Innovation Lecture

In the WHF-3M Fellowship session, the 2019 awardee, Piul Rabbani, PhD, from New York University School of Medicine, will present her fellowship-funded research on stem cells and therapeutic exosomes. In the WHF-Medline Innovation Lecture, the inaugural recipient Ivan Jozic, PhD, will present the results of his award-funded research on an innovative and potentially commercializable technology targeting caveolins in chronic wounds

VISIT THE WHS WEBSITE FOR FULL PROGRAMMING DETAILS

woundheal.org



Advancing quality outcomes through wound education.



2 CONFERENCES FOR THE PRICE OF 1

SPEND 2 DAYS WITH THE LEADING POST-ACUTE CARE WOUND EXPERTS

The Post-Acute Care Symposium (PACS) is designed for wound clinicians working in long-term care, home care, and hospice settings. PACS offers real-world educational sessions to help optimize wound treatment outcomes for residents/patients and providers.

TOPICS INCLUDE

- Health Care Economics (PDPM/PDGM)
- Interprofessional Practice and Preventive Legal Care
- Clinical Issues in Post-Acute Care Settings
- Palliative Wound Care and Avoidable/Unavoidable Wounds



PACS

Post-Acute Care Symposium

13 Sessions
8 Faculty
10 CE Credits*
4 Meals
2 Receptions

May 15-16, 2020
San Diego

PACSymposium.com

*Subject to change.

BROUGHT TO YOU BY AND CO-LOCATED WITH



SAWC Spring

Symposium on Advanced Wound Care

May 13-17, 2020
San Diego

ARRIVE EARLY & STAY LATE
FOR SAWC SPRING!

SAWC attendees get \$200 off their WCPC registration.
Please call 610.560.0500 x 4233



Co-located with  **SAWC Spring**

Take the course May 12-13, 2020!

One of the numerous benefits of the Wound Certification Prep Course (WCPC) is the chance to further your education at our co-located events! Maximize your wound care knowledge at the Symposium on Advanced Wound Care (SAWC) Spring in San Diego, CA! Special discount available to those who attend WCPC as well as SAWC.

WCPC is an in-depth, 2-day course that will arm you with the most advanced understanding of wound care, prepare you to become re-certified, or better equip you for the Certified Wound Care Associate (CWCA®), Certified Wound Specialist (CWS®), or Certified Wound Specialist Physician (CWSP®) certification examinations.

WoundPrepCourse.com

15 NEW 2020 Dates and Locations!

Dallas, TX March 14-15, 2020	Ann Arbor, MI April 25-26, 2020	St. Louis, MO September 12-13, 2020
Miami, FL March 21-22, 2020	Atlantic City, NJ May 2-3, 2020	Mystic, CT September 26-27, 2020
Memphis, TN April 4-5, 2020	San Diego, CA May 12-13, 2020	Bloomington, MN October 3-4, 2020
	Charleston, SC June 6-7, 2020	Las Vegas, NV October 28-29, 2020
	Columbus, OH June 27-28, 2020	Baltimore, MD November 7-8, 2020
	Chicago, IL August 15-16, 2020	New Orleans, LA November 21-22, 2020



Create an Agenda that Works for You

The 2020 SAWC Spring | WHS educational program covers a broad spectrum of topics and formats and provides more than 100 sessions. Concurrent sessions are designated by track to assist in selecting sessions that best match your educational needs.



NEW! Foundations of Wound Care

This dynamic track will provide the essentials in navigating the complex and ever-evolving world of wound care, which will build a strong foundation for improving patient care.

Wound Care 360

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

NEW! Pearls for Practice

In this track, some of the most dynamic and influential educators in wound healing will share clinical pearls to help diagnose and treat patients with wounds.

Lower Extremity

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

Outpatient Care of Wounds

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

WHS Program



This program will present cutting-edge research in wound care. All sessions have been designed to present the latest research findings that are relevant to tissue repair and wound care.

Post-Acute Care Symposium (PACS)



Get access to two conferences for the price of one! The Post-Acute Care Symposium (PACS) is co-located with SAWC Spring, giving you free access to sessions designed for wound care clinicians working in post-acute settings.

Agenda

AGENDA KEY

There are 25% new speakers in 2020. They are identified as follows: **NEW SPEAKER**

Industry-Supported Symposia are educational sessions designed to enhance practice-relevant knowledge and confidence. These sessions are supported by educational grants and are accredited/offer CE.

Innovation Theatres are informational sessions designed to complement the educational experience by further enhancing knowledge and confidence of disease-states or products. These sessions are non-accredited and no CE credits are offered at these programs.

Wednesday, May 13

8:00 AM–12:00 PM

Pressure Injury Prevention and Treatment: Hands-On Workshop

SPEAKERS: JANET CUDDIGAN, PHD, RN, CWCN, FAAN; JOYCE PITTMAN, PHD, RN, ANP-BC, FNP-BC, CWCN, FAAN



More than 2.5 million Americans will develop a pressure injury each year. Pressure injuries represent a major health issue that impacts greatly on patients' quality of life, causes risk for infection and increased healthcare costs. Continued awareness and education are critical to decrease the occurrence of pressure injuries and improve treatment outcomes. With separate, but complimentary presentations by the National Pressure Injury Advisory Panel (NPIAP)* and industry partners, this workshop combines an update of the newly launched International Pressure Ulcer/Injury Prevention and Treatment Clinical Practice Guidelines and hands-on practice with technologies that assess early tissue injury and support pressure injury prevention and treatment. Clinicians that attend and evaluate the workshop will receive a complimentary e-version of the new clinical practice guidelines.

*NPIAP does not endorse any particular product or device and no product promotion should be inferred.

Supported by educational grants from Cardinal Health, EHOB, Milliken Healthcare Products, LLC, Mölnlycke, and Sanara MedTech.

1:00 PM–5:00 PM

Hands-On Lower Extremity Workshop: How To Use Your Tools

SPEAKERS: PAUL J. KIM, DPM, MS; ERIC LULLOVE, DPM, CWSP, FACCWS, FAPWCA; JOHN C. LANTIS, II, MD, FACS; ANTHONY TICKNER, DPM, DABPMCAQ, FACCWS, FAPWCA, FAPWH, FAFDS

This hands-on workshop provides an integrated approach to preparing, treating and protecting wounds throughout the healing process. Attendees will engage in hands-on sharp debridement, punch biopsy and total contact casting and will explore the use of regenerative technologies in the management of lower-extremity ulcers. This comprehensive workshop combines didactic, case-based and hands-on practice for a multimodal experience.

This activity is designed exclusively for physicians, podiatrists, doctors of physical therapy, nurse practitioners, and physician assistants.

Supported by an educational grant from Integra LifeSciences Corporation.

8:00 AM–8:15 AM

Welcome and Introduction

SPEAKERS: GEOFFREY C. GURTNER, MD, FACS; ELIZABETH A. GRICE, PHD; KATHERINE RADEK, PHD

8:15 AM–9:15 AM

Wound Healing Foundation Thomas K. Hunt Lecturer

(non-accredited)

MODERATORS: LAURA K.S. PARNELL, BS, MS, CWS; GEOFFREY C. GURTNER, MD, FACS

SPEAKER: RANDY W. SCHEKMAN, PHD



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 and not limited to those who are directly involved in wound healing research but includes 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.

9:30 AM–11:00 AM

Wound Pathogens and the Microbiome

MODERATORS: LINDSAY KALAN PHD; ALEX CHEONG, PHD

SPEAKERS: VICTOR NIZET, MD; MARVIN WHITELY, PHD; IRENA PASTAR, PHD



Microbes are known to impair healing and can cause infection and additional complication. 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. These presentations will highlight several advances in our current understanding of microbial communities and their interactions, wound pathogens, antimicrobial resistance and ongoing efforts to translate basic research findings to clinical wound care.

11:15 AM–12:45 PM

Fibrosis and Scarring

MODERATORS: JEFFREY W. SHUPP, MD; SHAWN TEJIRAM, MD

SPEAKERS: GEOFFREY C. GURTNER, MD, FACS; SUNDEEP G. KESWANI, MD, FACS, FAAP; LATHA SATISH, PHD



This year's speakers have active basic science and translational research programs focused on understanding the pathophysiology of fibrosis.

12:45 PM–2:00 PM

Wound Shark Lunch 2020

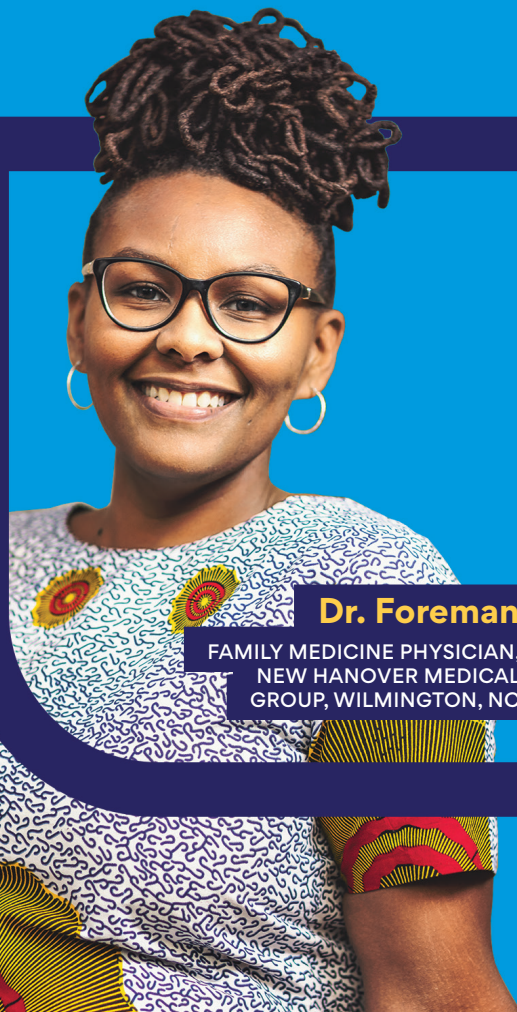
(non-accredited)

MODERATORS: VICKIE R. 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: a translational track (clinical and research studies) and a commercial track (products and devices).

(Continued →)



Dr. Foreman

FAMILY MEDICINE PHYSICIAN,
NEW HANOVER MEDICAL
GROUP, WILMINGTON, NC

“

The interdisciplinary aspect of this conference is important because we all work together. The goal is to keep the patient healthy and to heal their wounds. The more we know individually, the better we can help our patients collectively.”

Participants will be solicited by a general email and must be Wound Healing Society members to participate. Each participant will have 5 minutes to present their work in a single PowerPoint slide. Presentations will be followed by Q&A from judges and a winner from each track will be announced. Track winners will receive a \$500 prize, a crystal award, and 10 hours of mentorship support opportunities from Alira Health.

This session is a WHS Members Only event. Lunch will be provided.

2:00 PM–3:30 PM

Neuroinflammation

MODERATORS: SANDRA K. ROSENBERG, MD, FAAPMR, FABWMS; MICHELLE BAGOOD, MS

SPEAKERS: RIVKAH ISSEROFF, MD; DANIEL KAPLAN, MD; SANGEETA CHAVAN, MD

WHS Wound healing is a significant challenge for systems biologists, as the injury is targeted to the local tissue, but the response to this injury elicits a systemic response. In addition to the trafficking of inflammatory (and anti-inflammatory cells) to the wound bed, the central and peripheral nervous systems (CNS and PNS) can participate in the repair and regenerative response. This session will review the mechanisms of nervous system involvement in injury, current concepts governing the efferent and afferent pathways affected by wounding and the role played by neuro-inflammation.

3:45 PM–5:15 PM

Biomaterials

MODERATORS: MITCHELL SANDERS, PHD; LINDSAY POLAND, MS

SPEAKERS: KARA L. SPILLER, PHD; KAITLYN SADTLER, PHD; KAREN L. CHRISTMAN, 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 sophisticated biomaterial systems to promote wound repair, including effects on surface epithelial barrier, matrix organization, vascular perfusion and immune cell interactions.

5:15 PM–6:00 PM

WHS Business Meeting

5:30 PM–7:00 PM

Innovation Theatre Dinner

Dinner will be served. Seating is limited. Pre-registration is required.

6:30 PM–9:30 PM

Social Event for WHS Members at the San Diego Zoo

Registered WHS members are invited to attend. Transportation to depart from the front entrance of the Convention Center at 6:15 PM.

Thursday, May 14

7:30 AM–9:00 AM

Industry-Supported Symposium and Innovation Theatre Breakfasts with Coffee

Breakfast will be served. Seating is limited. Pre-registration is required.

WHS Committee Meetings

9:15 AM–10:30 AM

Opening Ceremony and Keynote Address

Join SAWC Spring Co-Chairs, faculty, and your peers for the Opening Ceremony and Keynote Address. Get insight on the latest in wound care and how clinicians like you continue to make a difference in your patients' lives. More information to come. Please visit sawcspring.com for updates.

6 Concurrent Sessions

10:45 AM–11:45 AM

FOUNDATIONS OF WOUND CARE

Can the Dressing Be the Magic Bullet?

MODERATOR: EVONNE M. FOWLER, RN, MN, CNS, CWN

SPEAKERS: LAURIE BAYER, PA-C; RENAE SIMPSON, BSN, RN, CWON

Patients with wounds are seen in a variety of care settings but most patients with open wounds are not seen by an experienced wound care specialist. Gauze dressings remain the most widely used wound covering but choosing the right dressing for the wound type requires knowledge and understanding of the wound needs, the categories of the wound dressings, the dressing functions and reimbursement. This session will discuss wound management principles, dressing characteristics and the requirements needed for obtaining the dressing. Using case examples, frequently asked questions will be addressed.

WOUND CARE 360

Bariatric Skin and Wound Care Issues

MODERATOR/SPEAKER: KAREN LOU KENNEDY-EVANS, RN, FNP, APRN-BC

SPEAKER: JANICE M. BEITZ, PHD, RN, CS, CNOR, CWOCN-AP, CRNP, APNC, ANEF, FNAP, FAAN

Quality care of bariatric patients will become increasingly important given the surge of obesity and morbid obesity in American society. Com-

prehensive safe, effective and humane care of the obese involves understanding of issues including safe patient handling and mobility, skin and wound care for fragile and “challenged” skin, appropriately sized equipment and the ergonomics of its use and sensitivity in interpersonal interactions. Theoretical perspectives on precursors to obesity and morbid obesity provide a framework for deeper understanding of their development and approaches to humane care.

PEARLS FOR PRACTICE

Wound Scene Investigation

MODERATOR/SPEAKER: DOT WEIR, RN, CWON, CWS

SPEAKERS: ROBERT F. DIEGELMANN, PHD; LISA GOULD, MD, PHD, FACS; LEE RUOTSI, MD, ABWMS, CWS-P, UHM; GREGORY SCHULTZ, PHD

This interactive SAWC staple features a diverse panel of clinicians and scientists who will address real-life case studies from the bedside. From diagnosis and management, to the underlying physiologic causes and issues, this session will provide practical strategies for overcoming healing obstacles for slow, non-healing and challenging wounds.

LOWER EXTREMITY

Assessment and Differential Diagnosis of Lower Extremity Wounds

MODERATOR/SPEAKER: SUSIE SEAMAN, NP, MSN, CWOCN

Patients who present with lower extremity wounds may have local or systemic conditions that negatively impact healing. A meticulous history and physical examination should be obtained that identifies all factors that may lead to wounds and/or impair healing. This session will focus on the physical examination of the lower leg and review common and uncommon differential diagnoses to consider when caring for patients with lower extremity ulcers.

OUTPATIENT CARE OF WOUNDS

Dermatology: Rashes the Wound Care Provider Should Diagnose and Treat

Moderator/Speaker: Eliot N. Mostow, MD, MPH

What's really causing that “rash” and what is that “spot?” Wound care clinicians are frequently asked to diagnose and manage a variety of skin disorders. This session will focus on developing clinician's approach to diagnosing and treating common dermatoses and skin lesions.

International Sister Society Session: Japanese Society of Wound Healing (JSWH)

MODERATOR: SUSAN W. VOLK, VMD, PHD, DIPLACVS

SPEAKERS: RYOICHI MORI, MD; MUNEZUMI FUJITA, MD, PHD

WHS The Japanese Society for Wound Healing (JSWH) aims to contribute to society through promotion and development of basic and clinical research concerning wound healing and ultimately by improving clinical care in wound healing patients. In this session, two distinguished speakers from the JSWH will present innovative research findings on the role of inflammation in wound repair and regeneration.

12:00 PM–1:30 PM

Industry-Supported Symposia and Innovation Theatre Lunches

Lunch will be served. Seating is limited.
Pre-registration is required.

6 Concurrent Sessions 1:45 PM–2:45 PM

FOUNDATIONS OF WOUND CARE

What's New in Pressure Ulcer/ Injury?

MODERATOR/SPEAKER: JOYCE PITTMAN, PHD, RN, ANP-BC, FNP-BC, CWOCN, FAAN

SPEAKER: JANET CUDDIGAN, PHD, RN, CWCN, FAAN



In November 2019, the NPIAP launched the 2019 International Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. This session will describe what's new in prevention and treatment guidelines for the acute and post-acute care settings, key changes in the evidence for evidence-based recommendations, suggestions on how to implement this guideline within your organization and tools you will need to educate your colleagues and administration. This session will lay the groundwork for you to navigate confidently through the 2019 International Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline.

WOUND CARE 360

Tele Wound Care

MODERATOR/SPEAKER: **MARTHA R. KELSO, RN, LNC, HBO**T

Telehealth applications are an emerging technology in a new era of healthcare system technologies. There are a number of different applications, which are used by various members of the healthcare team. The expanding technology platforms allow clinicians and patients to have better monitoring, data collection and oversight.

PEARLS FOR PRACTICE

Compression Myths Debunked

MODERATOR/SPEAKER: ROBYN BJORK, MPT, CLWT, CWS, CLT-LANA

SPEAKER: SUZIE EHMANN, DPT, CWS, CLT-LANA

In this session, presenters take compression myths, tall-tales and urban legends and give them the scientific treatment to determine their validity. Compression facts versus myths, such as the use of compression in the presence of infection, CHF, DVT or PAD will be proven true, improbable or busted. Have a compression fact versus myth that you want proven or busted? Send us your myth!

LOWER EXTREMITY

DFU: Giving Patients What They Deserve

MODERATOR/SPEAKER: **ROBERT J. KLEIN, DPM, FACFAS, CWS**

SPEAKER: **EMILIA M. KRÓL, MD**

There are seemingly a multitude of treatment options for diabetic foot ulcer healing. Sometimes the peer-reviewed evidence conflicts with what is practical and the unique circumstances of the patient. Successful management of diabetic foot wounds reaches far beyond local wound care. Major changes to wound care and the management of peripheral arterial disease in diabetic patients has led to a variety of approaches to treat the diabetic foot wounds. This session focuses on how to resolve this conflict and how to employ a treatment plan that utilizes the available evidence while acknowledging that there are multiple pathways to healing beyond the published literature.

OUTPATIENT CARE OF WOUNDS

Team Management of Enteroatmospheric Fistulas

MODERATOR/SPEAKER: MARY ANNE OBST, RN, BSN, CWOCN, CCRN

SPEAKER: **KRISTEN LINDVALL, MPAS, PA-C**

Enteroatmospheric fistula is a dreaded surgical complication with a variety of causes. Fistula patient management requires a multidisciplinary team for isolating and controlling fistula effluent, nutritional support, psychosocial counsel, medical management and surgical planning during the 6- to 18-month delay before definitive surgical treatment. The complexity of the wound and peri-wound skin, compounded by malnutrition, infection and pain is a perfect storm for patient isolation and depression. This session will demonstrate a team approach to fistula patient care during the journey to surgical revision and unique methods for fistula effluent management including pouching techniques and negative pressure with isolation.

1:45 PM–4:00 PM

Young Investigators Symposium

MODERATORS: GEOFFREY C. GURTNER, MD, FACS; ALAN WELLS, MD, DMSC; ULRICH AUF DEM KELLER, 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.

5 Concurrent Sessions 3:00 PM–4:00 PM

FOUNDATIONS OF WOUND CARE

Complex Compression Cases

MODERATOR/SPEAKER: SUZIE EHMANN, DPT, CWS, CLT-LANA

SPEAKER: **GEORGE J. KOULLIAS, MD**

Compression is the cornerstone for both venous and lymphatic disease, yet many patients present with severe cases or complicating factors making compression selection and application daunting. This case-based session will unravel clinical decision-making and share practical tips that can be implemented with your patients right away. Learn from the experts about failures and successes!

WOUND CARE 360

Taking a New Look at Your Documentation: A Case-Based Discussion to Avoid Litigation

MODERATOR/SPEAKER: JANICE M. BEITZ, PHD, RN, CS, CNOR, CWOCN-AP, CRNP, APNC, ANEF, FNAP, FAAN

SPEAKER: EDWARD BEITZ, JD

Wound documentation is a very necessary communication tool among wound care providers. With medical records being the most crucial piece of evidence in medical malpractice lawsuits, practitioners should strive for documentation that is not only accurate and comprehensive, but legible, timely and concise. This session will take a look at how the quality of your documentation may make the difference between avoiding litigation or not.

PEARLS FOR PRACTICE

Innovation: Science Driving Practice

MODERATOR/SPEAKER: MARJANA TOMIC-CANIC, PHD

SPEAKER: GEOFFREY C. GURTNER, MD, FACS

Wound science research is a dynamic and constantly evolving field, providing new discoveries that can either influence or revise clinical practice. Using scientific evidence is important for wound care professionals and can improve clinical outcomes. This session will discuss multiple scientific approaches and their potential to improve outcomes in wound care.

LOWER EXTREMITY

Autologous Skin Graft versus CTP Application: The Debate

MODERATOR/SPEAKER: ERIC LULLOVE, DPM, CWSP, FACCWS, FAPWCA

SPEAKER: MICHAEL DESVIGNE, MD, FACS, CWS, FACCWS

With the increased disruption in the CTP coverage for insurances on the outpatient treatment centers, it becomes more cognizant that the provider knows when and how to choose the right advanced modality to repair wounds. This session will delve into the regulatory nightmare of insurance overreach with CTP non-coverage but more importantly to demonstrate cases where autologous skin grafting was a better clinical choice.

OUTPATIENT CARE OF WOUNDS

Case Studies in HBO: Can Understanding Science Help Expand Patient Care

MODERATOR/SPEAKER: LEE RUOTSI, MD, ABWMS, CWS-P, UHM

SPEAKER: **ANDREW J. APPLEWHITE, MD, CWSP, FUHM**

Misconceptions in the mechanism of action of hyperbaric oxygen therapy often lead to improper use. By the same token, these misconceptions can also lead to missed opportunities for effective treatment. This session will present a series of clinical HBOT cases supported by the scientific and literature base for each.

FEATURED SESSION

4:15 PM–5:15 PM

The Human Microbiome: Microbial Friends or Foes?



MODERATOR/SPEAKER:
ELIZABETH A. GRICE, PHD



SPEAKER:
LINDSAY KALAN, PHD

The human microbiota consists of trillions of micro-organisms (bacteria, fungi and viruses) that live in association with the human body. Culture-independent, DNA sequencing-based approaches have revealed the complex diversity and stability of these microbial communities, which have important roles in shaping immune and inflammatory responses, defense against pathogens, and therapeutic outcomes. The microbial milieu colonizing wounds similarly has important implications for healing and clinical outcomes and is emerging as a therapeutic and diagnostic target. This session will take an in-depth look at our microbial partners and current understanding of their influence on tissue repair and regeneration.

Concurrent Oral Abstracts I (non-accredited)



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

5:15 PM–7:45 PM

Grand Opening of Exhibits and Cocktail Reception

Friday, May 15

7:30 AM–9:00 AM

Innovation Theatre Breakfasts with Coffee

Breakfast will be served. Seating is limited. Pre-registration is required.

7:30 AM–5:00 PM

Poster Viewing

Poster presenters are not required to be present.

6 Concurrent Sessions

9:15 AM–10:15 AM

FOUNDATIONS OF WOUND CARE

Difficult Conversations to Improve Patient Outcomes

MODERATOR/SPEAKER: **APRIL SOOKNANAN, MPA, CWMS**

Patients with chronic non-healing wounds and their families look to the wound care clinical team for support and guidance as they struggle with the emotional impact of a possible life-limiting illness, complex treatment decisions and the challenge of sustaining hope while maintaining realistic goals. At various points along the treatment, difficult conversations between the provider and the patient are essential. Using conversational skills and motivational interviewing strategies in combination with a carefully planned structure can facilitate difficult conversations with patients and family members. By incorporating various strategies will make these difficult conversations productive, relevant and emotionally safe for the patient, thus improving outcomes.

WOUND CARE 360

Scarless Healing: How Science Translates to Practice

MODERATOR/SPEAKER: **GEOFFREY C. GURTNER, MD, FACS**

SPEAKER: **MICHAEL T. LONGAKER, MD, MBA, DSC(HON), FACS**

The repair of many tissue injuries depends on rapid restoration of mechanical integrity, often with the loss of normal tissue structure and function. Tissue repair is scarless during early fetal development, but the rise of the inflammatory response and the more rigid framework of organs begin to override perfect healing. Some novel examples of scarless healing in adult animals provide insight into therapy: mice with unusually large skin wounds can regenerate the central region including development of new hair follicles; relieving mechanical strain (in skin) reduces hypertrophic scarring; wounds in the oral cavity heal scarlessly. Serious efforts are underway to develop pharmacological agents that can reduce pathological scarring (fibrosis) in internal organs and the skin.

PEARLS FOR PRACTICE

Directed Energy Tools for Wound Care

MODERATOR/SPEAKER: **PRAVEEN R. ARANY, BDS, MDS, MMSC, PHD**

SPEAKERS: **VICKIE R. DRIVER, DPM, MS, FACFAS; RIVKAH ISSEROFF, MD**

Tremendous advances in biomedical technologies are enabling novel devices for wound care. Some of these biophysical technologies such as negative or positive pressure, hyperbaric oxygen and ultrasonic debridement are already routinely used in wound care. Newer technologies such as micro-currents, light treatment and shockwave therapy have exciting new data supporting their use. A major advantage of these approaches is the individualization of the protocols for each patient and their ability to work synergistically with routine wound care approaches. The speakers in this session will briefly highlight the latest evidences for these energy devices in enhancing wound management strategies.

LOWER EXTREMITY

Podiatry for the Non-Podiatrist: Pearls on Managing the At-Risk Foot

MODERATOR/SPEAKER: **WINDY E. COLE, DPM**

SPEAKER: **JAMES B. MCGUIRE, DPM, PT, LPED, FAPWHC**

It is imperative that clinicians be aware of the mechanical factors that contribute to diabetic foot ulcerations in order to aid in healing and prevent re-ulceration in this patient population. This presentation will examine the altered biomechanics of the diabetic foot. Presenters will discuss ways to both conservatively and surgically address the risk factors leading to diabetic ulcerations.

OUTPATIENT CARE OF WOUNDS

Zebra Wounds: Hidradenitis Suppurativa, Fectitial Ulcers, and Beyond!

MODERATOR/SPEAKER: **ALAIN BRASSARD, MD**

SPEAKER: **AFSANEH ALAVI, MD**

Among a few unusual topics, this interactive presentation will discuss what should be done on the local front when a patient presents with a pyoderma gangrenosum ulcer, and how to tackle the challenging task of locally managing hidradenitis suppurativa exudate. In addition, this session will explore what key points should be known for better outcomes when self-mutilation is suspected.

Cancer and Chronic Wounds

MODERATORS: **TRACIA A. WILGUS, PHD; SARA UN-DIN, MSC**

SPEAKERS: **BRIAN ELICEIRI, PHD; ALAN WELLS, MD, DMSC**

WHS The relationship between wound healing and cancer has long been recognized. The mechanisms that regulate wound healing have been shown to promote transformation and growth of malignant cells. In addition, chronic inflammation has been associated with malignant transformation in many tissues. This session will explore how similarities and differences between healing wounds and tumor stroma continue to evolve, shedding light on possible therapeutic targets that can result in innovative treatments for wound healing and/or cancer.

5 Concurrent Sessions

10:30 AM–11:30 AM

Industry-Supported Symposium: Omega3 Rich Fish Skin: How Does Minimal Manipulation Lead to Faster Cellular Ingrowth for Complex Wounds and Procedures?

SPEAKERS: **DAVID JOHNSON, MD; JOHN C. LANTIS, II, MD, FACS; THEA PRICE, MD**

Complex wounds pose a significant clinical challenge, as these wounds are often multifaceted, making treatment difficult. This session will compare and contrast the promotion of cellular ingrowth of omega3 rich fish skin to human amnion grafts for complex wound management. Through case studies, an interdisciplinary panel of wound care professionals will explore clinical outcomes of omega3 rich fish skin in reducing and resolving complex wounds.

Supported by an educational grant from Kerecis.

Industry-Supported Symposium: Advancing Wound Healing Through Debridement, Biofilm Removal, and Decellularized ECM

It is well known that chronic wounds become caught in a state of inflammation causing an increase in levels of degrading proteases, which destroy components of the extracellular matrix (ECM) that are essential for wound healing. This session will explore an integrated wound healing strategy combining the novel debridement, anti-biofilm, and ECM technologies.

Supported by an educational grant from Triad Life Sciences.

Industry-Supported Symposia

Details to be announced for these sessions soon. Check the online agenda for updates.

Poster Grand Rounds

MODERATORS: **EMILY GREENSTEIN, APRN, CNP, CWON, FACCWS; ANTHONY TICKNER, DPM, DABPM-CAQ, FACCWS, FAPWCA, FAPWH, FADFS**

This walking session will give attendees the ability to interact directly with authors over their research. Posters are staged in the Poster Hall, where the moderators will monitor questions from the audience after each presentation. Selected poster presenters will give a 3- to 5-minute summary of their poster to start off the discussion. The interaction is meant to be collegial, not critical, with the goal of attendees learning from the poster presenters experience and project.

Concurrent Oral Abstracts II

(non-accredited)

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

11:30 AM–2:00 PM

Lunch with Exhibitors

Lunch will be served until 1:30 PM.

EXPLORE THE POSTER HALL

Review relevant, cutting-edge research, keep up-to-date on innovative projects and programs, and learn from your colleagues in this peer-to-peer educational format.

Poster presentations are not accredited.



12:15 PM–2:00 PM

Meet the Mentors

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, 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. This session is non-accredited.

6 Concurrent Sessions

2:15 PM–3:15 PM

FOUNDATIONS OF WOUND CARE

Every Picture Tells a Story: Wound Photography and Imaging

MODERATOR/SPEAKER: OSCAR M. ALVAREZ, PHD

New mobile technology to measure, evaluate and track wounds is emerging and poised to upgrade documentation and quality of care. Together with the growth of diagnostic imaging your wound care practice is bound to change. This session will provide insight into these technology platforms, highlight clinical evidence and illustrate their use by case presentations.

WOUND CARE 360

Creating Skin: 3D Printing and Spray-on Cells

MODERATOR/SPEAKER: ROBERT S. KIRSNER, MD, PHD, FAAD

Technology is rapidly changing our options in managing patients with complex integumentary issues. New medical devices and applications such as 3D printed skin, spray on cells and nanofibers are changing the wound and burn management playing field. Join us in learning about some of these new and currently available innovations as well as those on the horizon.

PEARLS FOR PRACTICE

Pearls in Treating Un- and Under-Insured Patients

MODERATOR/SPEAKER: LISA Q. CORBETT, DNP, APRN, CWOCN

SPEAKER: **PAT BUCKLEY PA-C, ND, WCC**

We all want to give our patients the best state-of-the-art care. However, what can a clinician do when the patient doesn't have the resources, insurance or capacity to afford ideal care? What options are there to offload a diabetic foot ulcer or pressure injury? How do you compress the leg of a patient with a venous ulcer? How do we keep wounds moist and protected? This session will review the things to consider and questions to ask patients so that you may adapt wound care plans to meet the patients' current life experience.

LOWER EXTREMITY

Practical Issues in the Management of Wound Infections

MODERATOR/SPEAKER: HAN P. HULEN, MD, ABPM/ UHM

Clinical wound infection leads to increased inflammation, impaired wound healing and pain and suffering for the patient. Inappropriate or inadequate treatment can lead to poor outcomes and increased costs. This session will review characteristics of common and uncommon infecting organisms, discuss how to read a culture and sensitivity report and answer the question, what exactly does MIC mean? The safe and effective prescription of oral and intravenous antibiotics used in chronic wound care will be described.

OUTPATIENT CARE OF WOUNDS

Wound Healing in the Age of the Opioid Crisis

MODERATOR/SPEAKER: DANIEL G. FEDERMAN, MD

SPEAKER: DANIEL G. TOBIN, MD, FACP

There are a number of concerns surrounding opioids in today's healthcare community. While treating patient's acute pain is important, there is a larger responsibility of providers to responsibly treat the patient's pain while limiting opioid prescriptions. This session will also cover unique wound care needs specific to patients who abuse opioids, including those from intravenous drug abuse.

Emerging Concepts for Biomarkers and Therapy

MODERATORS: PRAVEEN R. ARANY, BDS, MDS, MMSC, PHD; MOHAMED M. IBRAHIM, MD

SPEAKERS: KYLE P. QUINN, PHD; KATHERINE A. GALLAGHER, MD

WHS This session will highlight basic research with the potential to open new avenues of therapy and management for wound healing. One such avenue is targeting epigenetic mechanisms. Altered epigenetic regulation of both immune and structural cells in wounds have been implicated in cell phenotypes and healing, particularly in diabetic wounds. Another rapidly developing area is the use of sophisticated, non-invasive, real-time imaging techniques to diagnose and guide therapy, such as label-free multi-photon microscopy. Such techniques have shown that tissue metabolism readouts are optical biomarkers of impaired wound healing.

6 Concurrent Sessions

3:30 PM–4:30 PM

FOUNDATIONS OF WOUND CARE

Pharmacological Impact on Wound Healing: Systemic and Topical Issues

MODERATOR/SPEAKER: **JAIME WISE, MD, MBA, CWSP**

Many patients with chronic wounds have concomitant conditions requiring treatment with one or more medications. The literature demonstrates that many of these medications can either impair or promote wound healing. This session explores how pharmacologic issues, both topical and systemic, impact tissue repair.

WOUND CARE 360

Cancer and Wound Healing: Practical Implications

MODERATOR/SPEAKER: AFSANEH ALAVI, MD

SPEAKERS: **PATRICIA COUTTS, RN; ALAIN BRASSARD, MD, FRCPC**

Cancer and wounds share many common biological pathways that lead to different clinical outcomes resulting in two complex diseases often considered as "polar opposites:" tumors and wounds. This session will review these pathways and further, discuss how new treatment and clinical approaches in the cancer field may pave the way of new therapies for chronic wounds.

PEARLS FOR PRACTICE

Pearls for Best Practice in Treating DFUs

MODERATOR/SPEAKER: JAMES B. MCGUIRE, DPM, PT, LPED, FAPWCH

SPEAKER: **BARBARA AUNG, DPM, CWS**

The prevalence of diabetes and diabetic foot ulcers continues to rise. This session will explore actionable approaches using best practices in treating diabetic foot ulcers, including a review of challenging cases and practical approaches to management.

LOWER EXTREMITY

VLU: Making Standard Care Standard

MODERATOR/SPEAKER: MARC PASSMAN, MD

SPEAKERS: WILLIAM MARSTON, MD; ROBERT B. MCCLAFFERTY, MD, MBA

In this session, current clinical practice guidelines for venous ulcer care including wound care, compression and venous intervention will be reviewed. Then, using an interactive case-based approach, these guidelines will be applied to real clinical scenarios to highlight how to make these guidelines part of standard practice. How to address problems when standard care does not work will also be discussed.

OUTPATIENT CARE OF WOUNDS

Matrices: Does Science Support Your Clinical Practice?

MODERATOR/SPEAKER: STEPHEN F. BADYLAK, DVM, PHD, MD

Many clinical products for wound repair—consisting of partially or entirely cell-free extracellular matrix (ECM) from many tissues and many species—are in the wound healing marketplace. Selection of the appropriate material can be confusing. Clinical development has shown that ECM processing can reduce or eliminate antigenic materials while preserving composition and/or structure. In most cases, it is not clear what components of an ECM product or aspect of its physical structure determine clinical performance. Controlled clinical trials can demonstrate efficacy, but less attention is paid to the mechanism(s) by which these materials actually function.

Wound Healing Foundation–3M Fellowship Lecture and Awards Presentation

MODERATORS: LAURA K.S. PARNELL, BS, MS, CWS; SWATHI BALAJI, PHD

SPEAKER: PIUL RABBANI, PHD



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. In the WHF-3M Fellowship session, the 2019 awardee, Piul Rabbani, PhD, from New York University School of Medicine, will present her fellowship-funded research on stem cells and therapeutic exosomes.



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 is open to individuals who have a broad interest in advancing the field of wound healing and it presently has more than 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 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. Join WHS and together we can improve wound healing outcomes through science, professional education, and regulatory decisions.

6 Concurrent Sessions 4:45 PM–5:15 PM

FOUNDATIONS OF WOUND CARE

Wound Care as a Specialty: The Case for a Dedicated Core Curriculum

An ABWMS/FAWC–Developed Session

MODERATOR/SPEAKER: RICHARD SIMMAN, MD, FACS, FACCWS



Wound Care is a rapidly growing specialty served by physicians of varied backgrounds and training. This session will outline a core fellowship curriculum designed to prepare physicians for the delivery of best practices and standards of care.

WOUND CARE 360

Augmented Intelligence for the Wound Provider

MODERATOR/SPEAKER: BOB BARTLETT, MD, CPE, FAPWHC, FACHM

Working smarter in the information age: Health-care information is expanding at a rate that exceeds human capacity. With more than 5,000 articles published daily, how does one keep up? In an information rich world, how do we harness the right information at the right time to make the right decision? Additionally, digital data from electronic records, radiologic and photographic images provide an ocean of information that will improve care using data mining and decision-support algorithms. This session provides an exciting look at knowledge engineering and the emerging tools for managing information and clinical practice. When, where and how will wound care providers use these new tools? Explore machine learning, deep learning, artificial intelligence, collective intelligence, decision support, checklist driven care and more.

PEARLS FOR PRACTICE

Pearls in Pressure Redistribution

MODERATOR/SPEAKER: STEPHEN SPRIGLE, PHD, PT

An essential aspect of preventing pressure injuries is adequately offloading the patient in their bed or

wheelchair. Decision making for individual patients is a combination of objective evaluation of the patient and their positioning and sitting needs, coupled with availability of surfaces to select from. Is there one that is the best? This session will provide updates on the current research related to pressure redistribution surfaces.

LOWER EXTREMITY

Lymphedema Pearls

SPEAKER: ANDREA BRENNAN, OTD, OTR/L, CLT-LANA, CI-CS, WCC

Lymphedema is a common yet under-recognized condition especially in chronic wound patients. This session will highlight key clinical considerations for the non-certified lymphedema health-care provider to better recognize and manage this prevalent condition in clinical practice.

OUTPATIENT CARE OF WOUNDS

Pediatric Wounds

MODERATOR/SPEAKER: SUNDEEP G. KESWANI, MD, FACS, FAAP

One size does not fit all when it comes to wound prevention and management. This is especially true with pediatric patients with wounds. Taking in to account this population's unique physiology and developmental needs, this session will explore common issues in treating pediatric patients with wounds.

Rapid Fire Poster Talks

(non-accredited)

MODERATORS: ANGELA GIBSON, MD, PHD, FACS; HEATHER POWELL, PHD

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.

FEATURED SESSION

5:30 PM–6:30 PM

Distinguished Local Program

MODERATOR: ARDESHIR BAYAT, MB, BS, PHD

SPEAKERS: ANTONIO DE MAIO, PHD; WENDY L. HAVRAN, PHD

This session will feature distinguished local scientists with significant contributions to the field of wound repair and regeneration. Dr. Wendy Havran pioneered studies that defined the role of intraepithelial T cells in immune surveillance, inflammation, and wound repair. These findings are now being used to modulate T cell responses to accelerate wound healing. Dr. De Maio has pioneered studies to identify mechanisms that promote tissue regeneration and infection resolution through heat shock proteins and omentum.

Poster Gala and Awards Reception

Poster Presenters are required to attend this entire event.

SAWC Day 3 | WHS Day 4

Saturday, May 16

7:30 AM–9:00 AM

Innovation Theatre Breakfasts with Coffee

Breakfast will be served. Seating is limited. Pre-registration is required.

7:30 AM–5:00 PM

Poster Viewing

Poster presenters are not required to be present.

FEATURED SESSION

9:15 AM–10:15 AM

Cutting-Edge Topics in Regeneration

MODERATORS: ANGELA GIBSON, MD, PHD, FACS; BONNIE CARNEY, BS

SPEAKERS: MAYUMI ITO, PHD; JOSHUA CURRIE, PHD

The role of resident stem cells in tissue maintenance, repair, and regeneration is an active area of scientific investigation. This session will highlight state-of-the-art developments in regeneration research, including mechanisms of digit and limb repair, and single-cell sequencing techniques to define roles for novel cell populations in regenerating skin.

10:30 AM–11:30 AM

SAWC Oral Abstracts

(non-accredited)

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

Innovation Theatre Sessions

Details to be announced for these sessions soon. Check the online agenda for updates.

Concurrent Oral Abstracts III

(non-accredited)

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

11:30 AM–2:00 PM

Lunch with Exhibitors

Lunch will be served until 1:30 PM.

11:30 AM–12:30 PM

Wound Healing Foundation–EHF-Medline Innovation Lecture

(non-accredited)

MODERATORS: LAURA K.S. PARNELL, BS, MS, CWS; GREGORY S. SCHULTZ, PHD

SPEAKER: IVAN JOZIC, PHD



The purpose of this 1-year Wound Healing Fellowship supported by Medline is to stimulate scientific research and career development of young investigators or junior faculty who are pursuing a career in wound healing research. In the WHF-Medline Innovation Lecture, the inaugural recipient Ivan Jozic, PhD, will present the results of his award-funded research on an innovative and potentially commercializable technology targeting caveolins in chronic wounds.

5 Concurrent Sessions 2:15 PM–3:15 PM

FOUNDATIONS OF WOUND CARE

Debridement Types and an In-Depth Look at Each

MODERATOR/SPEAKER: HEATHER L. HETTRICK, PT, PHD, CWS, CLT-LANA, CLWTT

SPEAKER: JEFFREY D. LEHRMAN, DPM, FASPS, MAPWCA, CPC

Debridement is a key element of wound bed preparation that is essential to help support wound resolution. Understanding the various forms of debridement and when to select the correct type based on the clinical presentation of the wound, as well as the patient, can be challenging. This session will explore each type of debridement: sharp surgical, sharp selective, mechanical, autolytic, enzymatic and biological. In addition to having a better understanding as to which type of debridement is most appropriate for the various care settings, some challenging positions will be addressed as to whom can perform the various forms of debridement. Furthermore, a deeper dive will take place into areas of confusion such as variant differences between sharp surgical and sharp selective and the impact on reimbursement.

WOUND CARE 360

Healthcare Economics and the Future of Wound Care

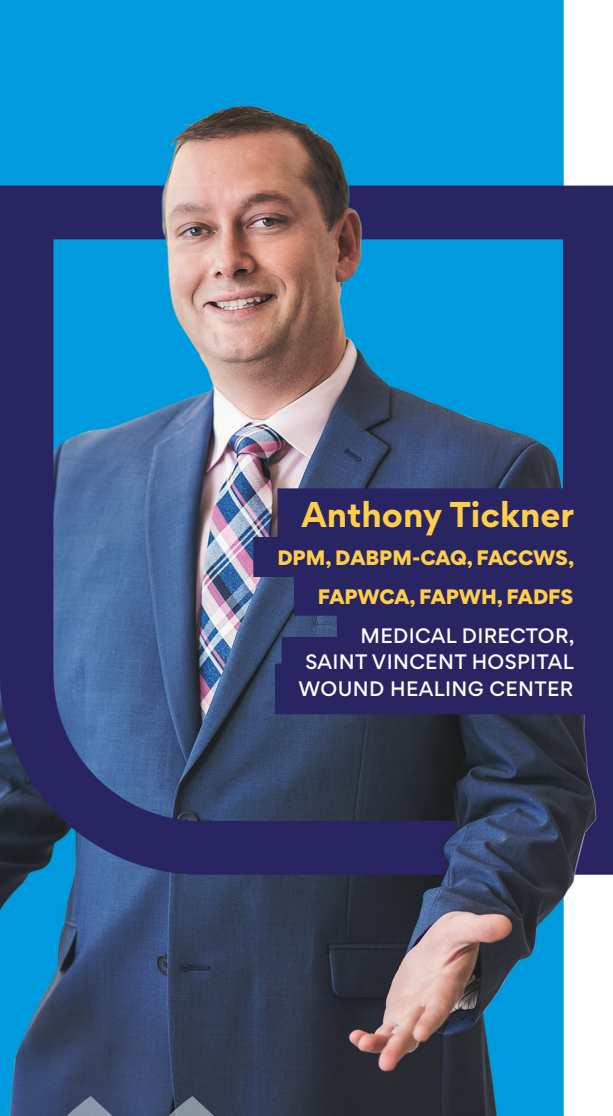
An ABWMS/FAWC–Developed Session

MODERATOR: LEE C. RUOTSI, MD, ABWMS, CWS-P, UHM

SPEAKER: CAROLINE E. FIFE, MD



Going forward in the practice of medicine, we will be expected to provide better care for our patients, at a lower cost, with greater patient satisfaction. This session will examine how wound care, as a specialty, is uniquely positioned to satisfy this "Triple Aim" concept.



Anthony Tickner
DPM, DABPM-CAQ, FACCWS,
FAPWCA, FAPWH, FADFS
MEDICAL DIRECTOR,
SAINT VINCENT HOSPITAL
WOUND HEALING CENTER

“The content at SAWC is inspirational. It’s something you can actually take with you and practice when you get back to work.”

PEARLS FOR PRACTICE

Inflammation Pearls: What Does the Latest Science Teach Us About Treating Patients

MODERATOR/SPEAKER: ROBERT F. DIEGELMANN, PHD
SPEAKER: LISA GOULD, MD, PHD, FACS

Emerging research shows that inflammatory responses represent key mediators of progression of healing. This session will discuss recent scientific discoveries in the field that relate to inflammatory response and immune cells in both acute and chronic wounds revealing potential for new treatment approaches.

LOWER EXTREMITY Biofilm

MODERATOR/SPEAKER: GARTH A. JAMES, PHD
SPEAKER: LINDSAY KALAN, PHD

Biofilms are aggregations of microorganisms embedded in a matrix of extracellular biopolymers, such as DNA, polysaccharides and lipids. The biofilm lifestyle provides microbes protection from antibiotics and host immune responses and is common in many types of chronic infections. While all wounds are colonized with microbes to some degree, biofilm is especially detrimental to cutaneous wound healing, though its detection in clinical settings is challenging. This session will discuss biofilms and the chronic wound, including pathogenesis, detection and treatment.

OUTPATIENT CARE OF WOUNDS Cutaneous Manifestations of Systemic Diseases

MODERATOR/SPEAKER: ANDREA MADERAL, MD

Chronic illnesses are increasing in the American population substantively affecting most wound patients. Systemic disorders like renal disease and Diabetes Mellitus Type 2 have manifestations in all body systems including the integumentary system. This session will target how these systemic diseases present in the skin in common and uncommon ways.

5 Concurrent Sessions 3:30 PM–4:30 PM

FOUNDATIONS OF WOUND CARE NPWT: Getting the Most Out

MODERATOR/SPEAKER: ELIZABETH FAUST, MSN, CRNP, CWS, CWOCN-AP, DAPWCA
SPEAKER: RALPH J. NAPOLITANO JR., DPM, CWSP, FACFAS

Since the FDA first approved negative pressure wound therapy (NPWT) in 1995, it has become a staple of the wound care community. Over the last 10 years, there has been a rapid development of newer technology and application of NPWT. This session will examine the newest information about NPWT in various forms and discuss the latest research and indications surrounding its use in both the inpatient and outpatient settings.



WOUND CARE 360

No More Guessing! Coding and Compliance for Ulcer Debridement in the Outpatient Setting

MODERATOR/SPEAKER: JEFFREY D. LEHRMAN, DPM, FASPS, MAPWCA, CPC

Protecting your practice and managing your risk requires excellent coding, compliance and documentation. This session will cover diagnosis coding for arterial, pressure, venous stasis and diabetic foot ulcers, including an important change for 2020. How to select the appropriate CPT code(s) based on the debridement that took place will also be covered. Leave this session coding confidently with no more guessing!

PEARLS FOR PRACTICE

Surgical Management of Pressure Ulcers/Injuries: The Importance of Post-Op Care and Management of Complications

An ABWMS/FAWC–Developed Session

MODERATOR/SPEAKER: DENNIS ORGILL, MD, PHD

SPEAKERS: JOHN C. LANTIS, II, MD, FACS; RICHARD SIMMAN, MD, FACS, FACCWS



Often with advanced stage pressure injuries/ulcers, the optimal method of closure is myocutaneous flap reconstruction rather than ongoing conservative care. In this process, meticulous post-operative care as well as timely management of complications are critically important to a successful and functional outcome. This session will focus on the optimal sequence of care for this challenging and increasingly common problem.

LOWER EXTREMITY

Vascular Interventions: Advanced Modalities in the Treatment of Advanced PAD of the Lower Extremities

MODERATOR/SPEAKER: BRYAN FISHER, SR., MD

PAD affects more than 10% of the American population with a rise in obesity and T2DM, it is predicted that the number of patients affected by peripheral vascular disease will continue to rise in a proportionate fashion. A significant subset of those patients will present with more advanced disease (pain at rest or ulceration/tissue loss) and represent a challenging cohort with multiple

co-morbidities. Currently, there are a variety of treatment strategies employed in the management of this specific cohort of patients that carry with them varying degrees of success. During this session, we examine the multiple definitive therapies employed in the treatment of patients with lower extremity ulceration or tissue loss secondary to PAD with an emphasis on technical success, primary patency, and functional limb preservation.

Burns and Radiation Wounds

MODERATOR/SPEAKER: GEOFFREY C. GURTNER, MD, FACS

Burn injuries are among the most devastating injuries that are seen by wound care professionals. Although major burns are mostly treated in specialized burn centers, the fundamentals of burn care should be understood as minor burns are routinely seen in hospitals and outpatient clinics. Fortunately, the same phases of wound healing occur following burns, and they more frequently occur in younger, healthier patients, making the long-term problems with scar formation and disabling scar contractures a unique concern in these patients. A unique subset of these injuries are burns produced by therapeutic radiation therapy, which often require secondary surgery to correct.

FEATURED SESSION

4:45 PM–5:45 PM

John A. Boswick Memorial Award and Lectureship: What Have We Learned?



AWARD RECIPIENT: GEORGE T. RODEHEAVER, PHD

SPEAKERS: PETER ARNOLD, MD, PHD; GREGORY SCHULTZ, PHD

Over the past few decades, the “art” of wound care has evolved into the “science” of wound care. Our understanding of non-traumatic wound cleansing, novel wound dressings, bacterial control, and advanced biologic tissue scaffolds has significantly improved the healing trajectory. Evidence-based practice and standardized protocols reduce healing time, improve patients’ quality of life, and reduce costs.

Presentation details will be announced soon.

5:45 PM–7:15 PM

Innovation Theatre Dinner

Dinner will be served. Seating is limited. Pre-registration is required.

Sunday, May 17

7:30 AM–9:00 AM

Innovation Theatre Breakfasts with Coffee

Breakfast will be served. Seating is limited. Pre-registration is required.

5 Concurrent Sessions

9:15 AM–10:15 AM

FOUNDATIONS OF WOUND CARE

Get It Right: Meeting the Documentation Requirements for the Procedures We Perform

MODERATOR/SPEAKER: JEFFREY D. LEHRMAN, DPM, FASPS, MAPWCA, CPC

Are you guessing when it comes to documentation requirements? To meet payer guidelines and to manage our risk, certain documentation requirements are a must. This session will reference the sources for these requirements, and you will leave with a checklist to use every day that ensures you are getting it right!

WOUND CARE 360

Lessons from Mucosal Healing

MODERATOR/SPEAKER: LUISA DIPIETRO, DDS, PHD
SPEAKER: MARIA I. MORASSO, PHD

The mucosal lining of the oral cavity and gastro-intestinal track offers significant challenges and important caveats in wound care. Healing within these tissues occurs in a moist environment and in the presence of naturally occurring biofilms. Healing in the oral mucosa is especially rapid and often scarless. Several recent studies have compared this usually scarless healing pattern to both adult and fetal wounds. The unique immunological, cell-cell interactions and extracellular matrix aspects of oral mucosal healing have important implications for how we view skin healing. The key features of the oral mucosa that suggest new strategies to improve skin repair will be emphasized in this session.

PEARLS FOR PRACTICE

Nutrition Pearls

MODERATOR/SPEAKER: TBA

With innovative therapies and new technologies for wound healing, basic nutrition can often be overlooked in managing patients with wounds. However, the process for wound healing demands energy, which comes from proper nutrition. The right nutrition can lead to fewer complications and infections and may prevent failure to heal. Learn how, and which, key nutrients play specific roles in wound healing, that will help your patients when you get back to your practice.

LOWER EXTREMITY

CTP for Me, CTP for You: How to Choose the Right CTP

MODERATOR/SPEAKER: WILLIAM MARSTON, MD

With more than 90 listed and available CTPs on the active market with applicable Q-codes, providers, hospitals and clinics have decisions to make as to which product to carry. While choices are made based on insurance guidance and contracts, many providers to this day still do not know the differences between each of the available products on the market. This session will return to basics and review the core products used in wound management and show distinctly the subtle differences in each category. Case reviews demonstrating each application will be presented for clarity.

OUTPATIENT CARE OF WOUNDS

Dealing With Patients’ Pain

MODERATOR/SPEAKER: HADAR A. LEV-TOV, MD

Pain is a common complaint from patients with wounds. Although it is often perceived as a source of frustration, good pain control makes for a happy patient and truly brings on a sense of accomplishment for the clinician. So how do we get there? In this session, we will review how to evaluate pain in a patient presenting with a wound and principles of management, as well as provide illustrative cases.

5 Concurrent Sessions

10:30 AM–11:30 AM

FOUNDATIONS OF WOUND CARE

Biologics and Novel Botanical Therapies

MODERATOR/SPEAKER: CASSANDRA QUAVE, PHD

Botanical natural products have played a relatively minor role in Western clinical wound treatment, but worldwide there are hundreds of botanical or biological remedies that have been in use—sometimes for centuries. In both single-source formulations and complex herbal mixtures, it has been difficult to identify the source(s) of biological activity, the methods to certify the potency and quality of this group of natural products. This session will present evidence for clinical efficacy of this category of medications and the regulatory controls that have been put in place to assure patients and medical personnel of the quality and efficacy of these widely used remedies.

WOUND CARE 360

Palliation and Symptom-Driven Care

MODERATOR/SPEAKER: KAZU SUZUKI, DPM

With our ever-aging population comes a litany of co-morbid medical conditions increasing the prevalence and chronicity of wounds. The chronic wound appearing in these medically complex patients often means they are not candidates for aggressive intervention to assist with correcting underlying etiologies. This session will focus on how the plan of care transitions to palliation with an emphasis on symptom-drive care and focus on interventions that support a compassionate wound

care plan. Although these are not end of life patients, a palliative approach must be included while still attempting to heal or maintain the wound. In addition, in the second half of this session, we will discuss the lifestyle modification and how to extend our health-span based on the latest medical evidence available.

PEARLS FOR PRACTICE

Surgical Closure of Complex Wound Pearls

MODERATOR/SPEAKER: DEVINDER SINGH, MD

Complex wounds have always posed a chronic and costly healthcare expense. These wounds are also debilitating for the patient and providers, requiring extending care outcomes beyond necessary limits. The use of advanced surgical methods to achieve wound closure can be a very beneficial outcome scenario for patients to avoid long-term management of these chronic wounds. This session will specifically look at surgical methods to close wounds, from direct primary closure to mechanical secondary closures, as well as introduce newer technologies and procedures that have added to the surgeons’ toolbox to help patients heal appropriately.

LOWER EXTREMITY

DFU: Advancing Practice

MODERATOR/SPEAKER: LAWRENCE A. LAVERY, DPM

SPEAKER: KATHRYN E. DAVIS, PHD

The fundamentals of offloading, debridement and infection/biofilm control are universal standards of care. However, if these efforts do not result in ulcer healing, what else can be employed beyond these items? This session will explore other innovative modalities that have not made it to the mainstream of care but are promising, nevertheless.

OUTPATIENT CARE OF WOUNDS

HBO Controversies: The Great Debate

MODERATOR/SPEAKER: TYLER SEXTON, MD, CHT, DMT

Of all the disciplines in the clinical practice of wound care, few topics have been as hotly debated as the efficacy of hyperbaric oxygen will present the literature base supporting, as well as refuting, it’s efficacy.

INTENDED LEARNERS

This conference is designed for physicians, nurses, physical therapists, researchers, scientists, podiatrists and dietitians across all practice settings involved in the prevention, treatment and management of patients with wounds, and those interested in the latest research findings that are relevant to tissue repair and wound care.

LEARNING OBJECTIVES

After completing this activity, participants should be able to:

- Develop best-practice strategies for advancing wound care as a professional practice and career
- Foster an interdisciplinary approach to comprehensive treatment and management of patients with wounds, including difficult-to-heal wounds
- Improve understanding of reimbursement, quality measures and the use of innovative wound care technologies and modalities
- Describe various factors that inhibit wound healing including medical comorbidities, commonly used drugs and devices and patient behavioral challenges

ACTIVITY OVERVIEW

This interactive educational conference will occur from May 13–17, 2020 at the San Diego Convention Center in San Diego, California.

To be eligible for documentation of credit, participants must attend the full activity and submit a completed evaluation form. Participants who complete the evaluation online within 4 weeks of the live meeting will receive immediate documentation of credit.



ACCREDITATION
In support of improving patient care, this activity has been planned and implemented by North American Center for Continuing Medical Education (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 30.75 AMA PRA Category 1 Credits™ for preconference sessions or 6.0 AMA PRA Category 1 Credits™ for the main conference, 3.0 AMA PRA Category 1 Credits™ for the post-conference.

8.0 AMA PRA Category 1 Credits™ for preconference sessions or 6.0 contact hours for WHS Day 1 lectures, 19.75 contact hours for the main conference, 3.0 contact hours for the post-conference.

8.0 AMA PRA Category 1 Credits™ for the post-conference.

PHYSICIAN ASSISTANTS
NACCME has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with the AAPA CME Criteria. This activity is designated for 30.75 AAPA Category 1 Credits™ for the main conference, 3.0 AAPA PRA Category 1 Credits™ for the post-conference.

NURSING
This continuing nursing education activity awards 30.75 contact hours.

8.0 contact hours for preconference sessions or 6.0 contact hours for WHS Day 1 lectures, 19.75 contact hours for the main conference, 3.0 contact hours for the post-conference.

Provider approved by the California Board of Registered Nursing, Provider #13255 for 30.75 contact hours.

This activity will also award pharmacotherapeutic contact hours, however, final designated credit

hours 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 North American Center for Continuing Medical Education, LLC (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 30.75 continuing education contact hours.

8.0 continuing education contact hours for the preconference sessions or 6.0 continuing education contact hours for WHS Day 1 lectures, 19.75 continuing education contact hours for the main conference, 3.0 continuing education contact hours for the post-conference.

DIETITIANS
North American Center for Continuing Medical Education, LLC (NACCME) is a Continuing Professional Education (CPE) Accredited Provider with the Commission on Dietetic Registration (CDR). CDR Credentialed Practitioners will receive 30.5

continuing professional education units for completion of this activity/material in its entirety.

Provider #HMO01. Level 3 Synthesis.

PHYSICAL THERAPY
North American Center for Continuing Medical Education, LLC (NACCME) will be applying for pre-approved accreditation in several states. Please visit sawspring.com/accreditation for a current list.

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.

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No commercial interest provided financial support for this continuing education activity. Please see agenda for session-specific support.

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.

NACCME
North American Center for Continuing Medical Education, LLC, An HMP Company

FEATURED SESSION

11:45 AM–12:45 PM

Calling All Stakeholders: Involving the Entire Team in Pressure Ulcer/Injury Prevention



MODERATOR/SPEAKER: NATALIA CINEAS, DNP, RN, NEA-BC

An integrated, team-based approach has been shown to be the most effective strategy for pressure ulcer/injury prevention. This session will explore leadership’s role in determining implementation strategy, conducting needs assessment and applying system-wide standardization strategies for pressure ulcer/injury reduction. Attendees will also learn how to apply an interdisciplinary approach to integrating new research and evidence into practice and building resiliency into pressure ulcer/injury interventions.

1:30 PM–4:30 PM

POSTCONFERENCE

2020 Reimbursement: News You Should Use

MODERATOR/SPEAKER: KATHLEEN D. SCHAUM, MS

Every year, like clockwork, new/revised codes and payment systems are released and 2020 is no exception! However, this year’s reimbursement news will most likely cause a paradigm shift in the business of wound/ulcer management. The 2020 reimbursement changes will affect all stakeholders: physicians and other qualified healthcare professionals, healthcare facilities and manufacturers. This postconference will explain the 2020 coding and payment news in an understandable way so you can use it to refine your processes and business practices.

This session is included with your MVP registration or available as an add-on to your main conference registration.

HOTEL & TRAVEL



**SAWC Spring | WHS 2020 is being held
at the San Diego Convention Center**
111 West Harbor Drive, San Diego, CA 92101

Hotel Options

Manchester Grand Hyatt San Diego
1 Market Place, San Diego, CA 92101
Phone: 619.232.1234
Manchester Grand Hyatt is the **Headquarters Hotel of SAWC Spring/WHS** and is approximately 10 minutes from San Diego International Airport and four blocks from the San Diego Convention Center. Check in is 4 PM. Check out is 11 AM. Room Rate: \$249 single/double per night*

Pendry Hotel San Diego
550 J Street, San Diego, CA 92101
Phone: 619.738.7000
Pendry Hotel is approximately 15 minutes from San Diego International Airport and three blocks from the San Diego Convention Center. Check in is 4 PM. Check out is 12 PM. Room Rate: \$249 single/double per night*

San Diego Marriott Gaslamp Quarter
660 K Street, San Diego, CA 92101
Phone: 619.696.0234
Marriott Gaslamp is approximately 15 minutes from San Diego International Airport and one block from the San Diego Convention Center. Check in is 4 PM. Check out is 12 PM. Room Rate: \$249 single/double per night*

Omni San Diego
675 L Street, San Diego, CA 92101
Phone: 619.231.6664
Omni is approximately 15 minutes from San Diego International Airport and one block from the San Diego Convention Center. Check in is 3 PM. Check out is 12 PM. Room Rate: \$249 single/double per night*

Hilton San Diego Gaslamp Quarter
401 K Street, San Diego, CA 92101
Phone: 619.231.4040
Hilton Gaslamp is approximately 15 minutes from San Diego International Airport and one block from the San Diego Convention Center. Check in is 3 PM. Check out is 12 PM. Room Rate: \$249 single/double per night*

Marriott Marquis
333 West Harbor Drive, San Diego, CA 92101
Phone: 619.234.1500
Marriott Marquis is approximately 13 minutes from San Diego International Airport and one block from the San Diego Convention Center. Check in is 3 PM. Check out is 12 PM. Room Rate: \$249 single/double per night*

**These rates are for SAWC Spring/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 SAWC Spring/WHS participants are available through various airlines. Discounts are valid on travel from May 11, 2020 to May 19, 2020. Book your flight by contacting:

United Airlines
<http://www.united.com/ual/en/us/flight-search/book-a-flight>
800.426.1122 | Discount Code: ZH6M377205

Delta Airlines
<http://www.delta.com/air-shopping/searchFlights.action>
800.328.1111 | Promotion Code: NMTJX

You may also book your airfare by calling HMP Travel at 800.237.7285 x4218. Tickets booked via phone are subject to a \$35 booking fee.

Taxi
Approximately \$21 from the airport to hotels.

Parking
On-site private vehicle parking is available at the San Diego Convention Center's 1,950-vehicle underground garage located below the building. Enter the parking garage on Harbor Drive between 1st Ave. and 5th Ave.

The daily rate is \$15. Parking rates may range from \$15 to \$35 on days when there is special event activity at Petco Park or other downtown events.

Payment is due upon entry and there are no in and out privileges.

There are 31 ADA-compliant parking stalls with elevator access to the convention center.

No overnight or RV parking is permitted.
Parking questions? Call ACE Parking at 619.237.0399

Ground Transportation
Super Shuttle offers cost-effective transportation services between San Diego International Airport and your hotel. SAWC Spring/WHS attendees will receive 10% off of airport rides.

The discount is valid from May 11, 2020 to May 19, 2020.
Group booking link: <https://www.supershuttle.com/>

To make reservations by phone, call 1.800.BLUE.VAN (800.258.3826) and reference your booking code HMP-PC. Please note, phone reservations may incur a \$3 booking fee.

SAWC Spring | WHS 2020 Rates

Register today for the best savings!

	Early Bird 2/28/20	Advanced 4/3/20	Regular After 4/3/20
BEST VALUE! Maximum Value Package (MVP) Includes Main Conference, plus: Post-Conference, SAWC Spring 2020 On Demand, <i>Chronic Wound Care: The Essentials</i> book, t-shirt, and more.			
WHS Member (RN, APRN, PT, PA, Office Assistant)	\$600	\$624	\$680
Non-WHS Member (RN, APRN, PT, PA, Office Assistant)	\$750	\$780	\$850
WHS Member (PhD, MD, DMP)	\$760	\$784	\$840
Non-WHS Member (PhD, MD, DMP)	\$950	\$980	\$1,050

Save \$50 with promo code* **MVP50**

	Early Bird 2/28/20	Advanced 4/3/20	Regular After 4/3/20
Main Conference Includes access to education, exhibit hall, meal functions, and networking opportunities. Bonus access to the Post-Acute Care Symposium (PACS).			
WHS Member (RN, APRN, PT, PA, Office Assistant)	\$336	\$360	\$416
Non-WHS Member (RN, APRN, PT, PA, Office Assistant)	\$420	\$450	\$520
WHS Member (PhD, MD, DPM)	\$496	\$520	\$576
Non-WHS Member (PhD, MD, DPM)	\$620	\$650	\$720
Non-Healthcare Provider	\$800	\$800	\$800

Save \$25 with promo code* **MC25**

Questions?
Please call 800.213.0015 or email registration@hmpglobal.com.

Group Discounts
Register three or more people from the same company at the same time and you'll each receive a \$50 discount (excludes Non-Healthcare Providers). Register online up to the payment page, then contact the registration desk at 800.213.0015 and have your credit card information available.

Register at sawcspring.com/rates or call 800.213.0015

*Promo code not applicable to WHS Members and Member Rates.



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San Diego, CA

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