



LAS VEGAS *Annual Meeting*

APRIL 5-8, 2022

Registration Brochure

American Burn Association
311 South Wacker Drive, Suite 950
Chicago, IL 60606
312.642.9260
www.ameriburn.org

More and More Track Programming for Everyone on the Burn Team!

PREVENTION AND ETHICS

- Exploring Humanistic Aspects of Burn Care
- Ethical Dilemmas in Complicated Cases
- Burn Prevention: Populations with Unique Needs

BURN NURSING

- Burn Nurse Certification: An Update
- Nursing Care of the Severely Burn Injured Patient - A Review & Simulation of the First 12 Hours
- Burn Staffing Correlating with Incident Reports
- How Do You Prevent Delirium?
- Novel Ways to Take Charge of Burn Team Wellness

DISASTER, ADVOCACY, OUTREACH, AND QI

- Update on Burn Care in the Americas
- Grassroots Advocacy
- How to Prepare Quality Improvement Intervention Manuscripts
- Burn Telehealth in a Post Covid World

MEDICAL, SURGICAL, AND CRITICAL CARE OF THE BURN PATIENT

- Point of Care Ultrasound (PoCUS) Course
- Dermatologic Conditions Managed in the Burn Unit
- Managing Friction and Pavement Contact Burns
- Bacterial Infection Management
- Frostbite: Multidisciplinary Treatment and Management
- Respiratory Failure and Inhalation Injury: An Update for 2022
- Biologic and Biosynthetic Skin Substitutes: Review of Clinical Evidence in Burn Care

RECONSTRUCTION

- Burn Reconstruction Forum
- Barriers to Burn Reconstruction
- Managing Swan Neck and Boutonniere Deformities

REHABILITATION

- 3D Printing in Burn Rehabilitation
- Positioning of Head, Neck and Axilla Acute Burns
- Rehabilitation Workshop: Teleburn Rehabilitation
- Lower Extremity Grafts: When Do You Initiate Ambulation and Range of Motion?
- Using Medical Improvisational Theatre Exercises to Help Create Connections
- Operationalizing Cutaneous Functional Units (CFU)
- Career Development: Burn Therapy Certification

FIREFIGHTERS

- Sleep Health and the Effects of Shift Work on First Responders and Healthcare Providers
- Surviving the Boyd Street Incident
- Changing Places

NUTRITION, METABOLISM, RESEARCH AND TRANSLATIONAL SCIENCE

- Coagulopathies after Burn Injury: Research Findings and Clinical Implications
- Obesity in Burns: Evaluating Outcomes and Treatment Challenges
- Scenarios in Effective Experimental Design and Practical Use of Statistics
- Research Funding Mechanisms Beyond DoD and NIH
- Troubleshooting Recruitment and Retention in Burn Research

PSYCHOSOCIAL AND AFTER CARE

- Fundamentals Course: The Post-discharge Journey of a Burn Patient from 2 Days to 2 Years
- Engaging Adolescent Burn Survivors
- Using Evidence-Based Interventions to Treat Psychosocial Concerns
- Long-term Burn Care: Current State and Knowledge Gaps
- Resiliency Building
- PRO/CON Debate on Psychosocial Issues

LIVE MEETING

April 2022 is this year's 54th Annual Meeting and our first LIVE meeting since 2019! We are so excited to see everyone in person and know you are too! This year's meeting will include all the education, information and networking you have come to expect at the Annual Meeting plus more. We are working on a hybrid plan with options to attend virtually or in person. We heard you when you told us you liked the sessions as OnDemand to watch as your schedule allows and we heard you when you asked for more networking with the colleagues you have not been able to connect with in person.

Here are some highlights of what we have planned:

Live Meeting | April 5–8

Our live meeting is where the action is! Plenary sessions, Sunrise Symposia, Education Forums and more! The meeting will be held in the brand new Caesar's Forum meeting space with sessions and exhibitors conveniently located so you can make the most of your time back where you belong—with us!

OnDemand Content

We will be offering Correlatives and Posters as OnDemand content in addition to having them presented live at the meeting. If you miss something, no worries, you can watch it later! We'll also be recording Education Forums to be offered as OnDemand after the live meeting. All OnDemand content will be available for 6 months after the live meeting.

Poster Sessions

Did you miss talking to the poster presenters these past few years? Well we have your back on that! All posters will be presented live as well as available as OnDemand this year!

SIG Day

All SIGs have the opportunity to meet in person on Tuesday April 5th. Chairs will be able to select a 1 or 1 1/2 hour meeting time slot. More information on SIG sessions will be coming later!

Symposia

Sunrise Symposia are back in the traditional format where you can exchange ideas and learn from your peers about topics that impact your career in burn care.

Networking & Social Time

We know you have missed your time together so there will be plenty of opportunities to connect and share this year!

Exhibit Hall

We are so excited to have our valuable business partners back in the meeting space! We'll have the latest in burn care products, services and opportunities to network with exhibitors.

REGISTRATION INFORMATION

LIVE CONFERENCE RATES

The ABA offers member discounts on Annual Meeting full registration rates. Click here to [become a member](#) or [renew your membership](#). The Annual Meeting in 2022 will be a live meeting with the opportunity to attend limited sessions virtually and OnDemand. Live meeting registration includes access to all Education sessions, SIG meetings, the exhibit hall and social/networking events.

2022 Registration Fees

Registration

FULL CONFERENCE <i>(includes access to virtual content after the meeting)</i>	EARLY-BIRD <i>Ends Dec. 16, 2021</i>	ADVANCE <i>Ends Mar. 31, 2021</i>	ONSITE <i>Begins Apr. 3, 2022</i>
Member (non-physician clinicians)	\$700	\$775	\$875
Member (physicians and non-clinicians)	\$850	\$950	\$1,050
Non-member	\$1,050	\$1,150	\$1,250
Student* – Member	\$350	\$375	\$400
Student* – Non-member	\$450	\$475	\$500
Fire Fighter	\$275	\$275	\$275

*Students must submit a letter from the faculty advisor confirming the status of the resident or student during the registration process. Students may not be working full-time to qualify in this category. Fellows do not qualify for this special rate.

The ABA offers a single day rate of \$275 for members and \$400 for non-members. The Friday day rate does not include a Closing Celebration ticket. Registration is required to attend SIG meetings, if you only plan to attend SIG Day, you may register for the Tuesday day rate.

Virtual Only

Access to some live streamed sessions during the meeting[†], as well as recorded Plenary, Education Forums, Correlatives and Posters

Non-Physician (Member): \$600
Physician (Member): \$750
Non-Members: \$950

[†]subject to technical availability

Cancellation Policy

Payment must be received in full prior to the Annual Meeting. No refunds will be offered for any reason.

[REGISTER ONLINE AT WWW.AMERIBURN.ORG](http://WWW.AMERIBURN.ORG)

PRE-CONFERENCE PROGRAMS

ABLS INSTRUCTOR COURSE

The ABLS Instructor course is offered to physicians, nurses, physician assistants, nurse practitioners, and paramedics who have successfully completed the ABLS course, are members of the ABA, and have an interest in teaching with a commitment to serve as an instructor for at least 2 ABLS courses per year. Following a lecture on “How to Teach,” students will present a 5-minute mini-lecture on an assigned topic, lead a group discussion of case studies, and a patient assessment stabilization scenario. Visit www.ameriburn.org/education/abls for all of the requirements to become an ABLS instructor.

ABLS COURSE

The Advanced Burn Life Support Course is a 7-hour course for physicians, nurses, physician assistants, nurse practitioners, therapists, paramedics, and anyone who may come into contact with a burn-injured patient within the first 24 hours. The course provides guidelines in the assessment and management of the burn patient during the first 24 hours post-injury. Following a series of lectures, case studies are presented for group discussions. You will be given the opportunity to work with a simulated burn patient to reinforce the assessment, stabilization, and transfer to a burn center using ABA criteria. Final testing consists of a written exam and a practical assessment.

ADVANCED BURN CARE

The ABC is targeted to early career providers. It is a hands-on, simulation course introducing the clinical skills required to assess and manage common complications in adult and pediatric patients with burn injuries. Skills such as wound management, skin substitute selection and placement, and escharotomy will be taught. The goal of the course is to improve the standard of burn care by educating providers with a need-driven curriculum that addresses common deficiencies in burn care as identified in a national multidisciplinary needs assessment. The course is not intended to serve as a substitute for burn fellowship training or situations that require clinical reasoning beyond the one-day course content. It is the expectation that providers that participate in the course will gain an understanding and an introduction to the clinical skills required to assess and manage common complications in adult and pediatric patients with burn injuries.

New! POINT OF CARE ULTRASOUND (POCUS)

Point of Care Ultrasound (PoCUS) is a useful diagnostic technique in the care of critically-ill patients. This all-day session is an entry-level course on bedside heart and lung ultrasonography and is designed for physicians, advanced practice critical care nurses, and physician- assistants. A pre-course, on-line teaching module will introduce participants to basic POCUS principles and how to obtain and visualize standard cardiac and lung images. The session will be run by several experienced anesthesiologist instructors and will be restricted to the first 20 registrants to ensure small group teaching. Short didactic sessions will be followed by much longer hands-on image acquisition using live human models. In the morning, we will focus on cardiac image acquisition and assessment of global heart function, intra-vascular volume status, valvular activity, and identification of pericardial effusions. Following lunch (included), we will delve into lung ultrasound, with a focus on assessment of atelectasis, pleural effusions and ARDS. A post-course assessment of new POCUS skills will be offered at the end of the day.

Pre-Conference Course Registration Fees

PRE-CONFERENCE		MEMBER	NON-MEMBER
ABLS Instructor Course	Non-physician Physician	\$250 \$375	\$250 \$375
ABLS Course	Non-physician Physician	\$250 \$375	\$250 \$375
Advanced Burn Care	Non-physician Physician	\$250 \$375	\$250 \$375
Point of Care Ultrasound (PoCUS)		\$800	\$800

CONTINUING EDUCATION

The American Burn Association is accredited with commendation by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. This activity will be accredited for CME.

The American Burn Association is accredited as a provider of Nursing Continuing Professional Development by the American Nurses Credentialing Center's Commission on Accreditation. This activity is accredited for nursing contact hours.

The American Burn Association is approved by the American Occupational Therapy Association to provide Continuing Education credits for Occupational Therapy Professional Development activities. This meeting will be approved for CE credits.

The American Burn Association will be submitting accreditation requests for approval to award contact hours for: dietitians, physical therapists, social workers and psychologists.

Please visit the American Burn Association website for additional information.

SYMPOSIA

Symposia are opportunities to participate in multidisciplinary interactive discussions around a specific topic.

Symposia topics include:

ABA Global Health Committee Focus: Update on Burn Care in the Americas

Burn Nurse Certification: An Update

Burns and Grassroots Advocacy

Cases That Haunt Us: Exploring Humanistic Aspects of Burns Care

Engaging Adolescent Burn Survivors in an Age of Distractions

Fundamentals of 3D Printing in Burn Rehabilitation

How Do You Prevent Delirium?

Preparing Quality Improvement Intervention Manuscripts for Publication

Scenarios in Effective Experimental Design and Practical Use of Statistics

Triple Threat—Positioning of Head, Neck and Axilla Acute Burns

Troubleshooting Recruitment and Retention in Burn Research

Barriers to Burn Reconstruction

Burn Staffing Correlating with Incident Reports

Management of Pain Associated with Skin Graft Donor Site

New ABA Verified Burn Fellowship Criteria

Post-op Management of Lower Extremity Grafts—When Do You Initiate Ambulation and Range of Motion?

Resiliency Building: A Multi-disciplinary Approach

Swan Neck and Boutonniere Deformities: Anatomy, Treatment and Challenges

Tensile Forces—Alternative Treatments to Applying Pressure to Scars

The Role of Mentorship in Burn Care

The Spectrum of Caregiver Readiness

Thinking Outside of the Box: Research Funding Mechanisms Beyond DoD and NIH

Using Medical Improvisational Theatre Exercises to Help Create Connections

PLENARY SESSIONS

The Plenary Sessions are an opportunity for all attendees to gather to learn about topics of interest to the multi-disciplinary team of burn care professionals.

Opening Ceremony, Presidential Address and Presidential Plenary

Lucy Wibbenmeyer, MD, FACS

Join us for the opening ceremony to kick-off the 54th ABA Annual Meeting. Meet the winners of some of ABA's most prestigious awards and hear from ABA President, Lucy Wibbenmeyer, MD, FACS about the future direction of the ABA and how the organization and our members can continue to impact burn care in the years to come.

MAC FORUM: Silence the Impostor Monster! And Other Novel Ways to Take Charge of Burn Team Wellness

Lisa Forbes, BT-C, MSc, OT(Reg)

Jennifer Brandt, PharmD, FASHP, DPLA, BCCCP

Jody Rood, RN BSN

This session will explore barriers to "traditional" wellness strategies and provide participants with novel ways to take charge of their own, and their team's, wellness. Topics covered will include the relationship between Impostor Syndrome/other inner critics and burnout/stress, the benefit of team bonding and engagement to improve wellness, meditation and mindfulness, movement, and other novel ways that burn teams have improved their wellness.

Top Abstracts

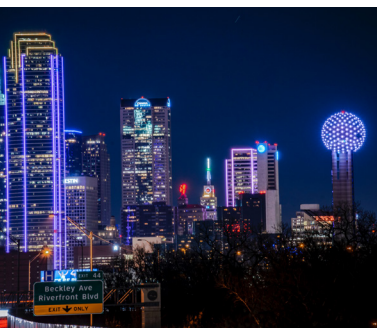
Robert Cartotto, MD, FRCS(C)

Ingrid Parry, MS, PT, BT-C

The Top Abstracts, based on the scores of reviewers, will be presented in this plenary. This year, after the author's presentation, invited discussants will interview the author about the findings presented. There will be the opportunity for participation in Q&A during this live streamed session. You won't want to miss this annual favorite!

SPECIAL INTEREST GROUP (SIG) MEETINGS

SIG meetings will be held on Tuesday April 5th. Check back for the exact dates and times when all SIG meetings will be offered!



SAVE THE DATE

2023 ABA Annual Meeting

May 16–19, 2023
Dallas, TX

EDUCATIONAL FORUMS

Aftercare and Reintegration

Fundamentals of Burn Care: 'BACK in TWO and TWO' – The Post-discharge Journey of a Burn Patient from 2 Days to 2 Years

Vimal Murthy, MD

Kathleen Hollowed, MSN, RN

Lynne Benavides, OTR/L, CHT

While the pillars of burn care focus on a multidisciplinary approach, it is fair to say that there may be some compartmentalization of responsibilities in how best to treat a burn patient. Perhaps the most obvious example involves the transition of a patient from discharge in the post-acute setting to their trajectory once outside the confines of the burn center. This course will address many facets of patient care from discharge to post-acute settings. Along with the burn care team's point of view, we'll also include the burn survivor's perspective.

Long-term Burn Care: What We Know, Where Are the Gaps and How to Bridge Them?

Gretchen J. Carrouger, MN, RN

Jeffrey C. Schneider, MD

Diana L. Tenney, Burn Survivor

As burn care and general medicine continue to advance, individuals are living longer with injuries previously considered life-threatening. These individuals often face long-term functional and psychological sequelae associated with injury that persist throughout their lives. This paradigm, the chronic nature of burn injury, is relatively new. The aim of this educational session is to bring experts (clinicians, researchers, and burn survivors) together in an effort to begin to bridge this knowledge and practice gap. For us to advance the quality of care, it is necessary to understand the long-term recovery process and consider burn injury as a chronic medical condition.

Clinical Sciences: Critical Care

Respiratory Failure in the Burn ICU: Inhalation Injury and Beyond, an Update for 2022

Todd F. Huzar, MD

Alexis L. McQuitty, MD

Despite advances in the management of inhalation injury over the last 70 years, current management schemes are often supportive and morbidity as well as mortality remain high in these patients. Those that suffer inhalation injury may sustain thermal damage to the supraglottic airways, chemical irritation of the lower airways, systemic toxicity

from carbon monoxide (CO) and/or cyanide (CN), or the hallmark of inhalation injury, the combination of these previously described insults. This sessions will cover inhalation injury, modes of ventilation, management of CO and CN, management of the "difficult airway," and utilization of ECMO in inhalation injury.

Ethics

ETHICS WORKSHOP: Ethical Dilemmas in Complicated Cases

Monica L. Gerrek, PhD

Tammy L. Henderson, MSN, RN

Arthur Sanford, MD

Sarah VerLee, PhD

Ethical dilemmas, viz., situations in which a difficult choice between two courses of action must be made and in which either choice entails violating a moral principle, arise regularly in burn care. Such dilemmas often result in providers disagreeing about which course of action ought to be taken in a case, and especially so in a complicated case. In this session, we will consider several cases in which ethical dilemmas arise and in which providers may reasonably disagree about the course of action. We will discuss the ethical principles involved and share processes to help providers navigate these situations.

Fire Fighter Issues

Firefighter I Session: Sleep Health and the Effects of Shift Work on First Responders and Healthcare Providers

Chris Bowles, Battalion Chief / Paramedic

This course will present the effects of shiftwork on the sleep patterns of First Responders and Health Care Professionals.

Firefighter II Session: Firefighter Survival: Surviving the Boyd Street Incident

Chris Bowles, Battalion Chief / Paramedic

This presentation will give an overview as well as a firsthand account of the near tragic event as it unfolded which gained both National and International attention. Members of the Los Angeles Fire Department will participate in a panel presentation giving their personal testimony of the event, the training and practices that saved their lives, and the recovery process from their burn injuries.

EDUCATIONAL FORUMS

Changing Places

Jason Woods, MPS
Steven Kahn, MD

As the frequency of man-made and natural disasters rises, first responders are tasked with balancing their role as a frontline provider while often being separated from their families affected by the impact of these events. Over the last year, we have witnessed the effects of a global pandemic along with civil unrest, wildfires, blackouts, numerous hurricanes, flooding, and tornados across North America. These events can push our frontline workers beyond their limits. This year's Changing Places will explore the impact of these events on first responders and identify measures to increase resiliency that providers can apply in the hospital setting.

Fiscal and Leadership

What I Wished I Knew: The Practical Business Aspects of Directing a Burn Unit

Charles C. Butts, MD
Jeffrey E. Carter, MD

More and more new Burn Medical Directors are younger surgeons earlier on in their careers. They are often underprepared for managing the practical business aspects of a burn unit/program. This education session will discuss some of the practical aspects of managing a burn unit. Topics to be discussed include supply line issues, finances and accounting, marketing, how to identify stakeholders and their goals, and personnel issues.

Verification Updates

Sharmila D. Dissanaik, MD

This is a recurrent event, that provides burn centers with updates on verification changes. While it is too early to know what exact content will be in 2022, it almost certainly will include updates on the new virtual visit process, expansion of the role of nursing and therapy reviewers in the site visit, and the addition of burn fellowship verification. We will also talk about plans to incorporate BQIP and other quality outcomes data into verification.

Medical Care (non-critical)

Dermatologic Conditions Managed in the Burn Unit

David M. Hill, PharmD, BCPS, BCCCP

Patients with various infectious and noninfectious dermatologic conditions are often cared for in the burn unit because they are the best equipped to manage dressings and wound care. Dermatologic conditions such as SJS/

TEN, bullous pemphigoid, AGEF, staphylococcus scalded skin syndrome, hidradenitis suppurativa, and others differ in their presentation and management from that of burn patients. A multidisciplinary approach is needed to care for these patients both in the acute setting as well as for long-term follow up.

Bacterial Infection Management - Part 1 and 2

Rita Gaved, PharmD, BCCCP
David M. Hill, PharmD, BCPS, BCCCP, FCCM
Jeffrey W. Shupp, MD

Patients managed in the burn center are at risk for different infections including but not limited to skin and soft tissue infections, pneumonia, catheter related blood stream infections and urinary tract infections. The purpose of this talk is to provide the burn clinician with a toolkit of antibiotic knowledge and principles of common infection management.

Frostbite North and South: A Multidisciplinary Approach to Treatment and Disaster Management

Alexandra M. Lacey, MD, RD

This educational session will focus on the current state of diagnostics and treatment for severe frostbite injury. Attendees would learn how to diagnose frostbite, treat frostbite in the acute and subacute phases, and find out more about ongoing research in this area.

Obesity in Burns: Evaluating Outcomes and Treatment Challenges

Allison N. Boyd, PharmD, BCCCP
David M. Hill, PharmD, BCPS, BCCCP

The effects of obesity on burn injury are not well understood. Obesity can affect fluid resuscitation volumes for which standard formulas often utilize actual body weight. In addition, meeting nutritional needs, achieving therapy goals, maximizing wound healing, and addressing pharmacokinetic alterations are a significant challenge in burn patients, and obesity further complicates these factors. There is variance in the approach of handling obese burn patients among different burn centers. The purpose of this session is to address current practices and review available literature regarding the treatment of obese patients with thermal injuries, as well as identify areas for future research.

EDUCATIONAL FORUMS

Improving Outcomes in Small Pediatric Burns

Eduardo I. Gus, MD
Charis Kelly, RN(EC), MN, NP-Pediatrics
Joel Fish, MD, MSc
Renata Fabia, MD, PhD
Rajan K. Thakkar, MD

The vast majority of pediatric burn patients in developed countries sustain smaller injuries. Minimal pediatric quality benchmarks exist to guide performance improvement within pediatric burn centers. This course is designed for the burn care providers that are involved in pediatrics and are interested in learning from the experience of others who have practiced in this field for many years. Topics such as model of care, role of specialized nursing, criteria for inpatient/outpatient care, special surgical considerations, rehabilitation challenges, pain and wound management strategies and the role of these smaller burn cases in the verification process will be addressed.

Nursing

Nursing Care of the Severely Burn Injured Patient - A Review & Simulation of the First 12 Hours

Linda Gibbons, MS, RN, NEA-BC
Stephanie Campbell, MS, RN, CCRN-K
Carolyn Collins, MS, CNS, CCRB, ACCNS-AG
Frankki DeGirolamo, BSN, RN, CCRN

This session is designed for Nurses interested in improving knowledge and skill in treating large burn injured patients in the first 12 hours. The first half will entail a didactic session that reviews anticipated nursing interventions such as primary and secondary survey, pulse assessments, line insertion, wound care setup and escharotomies. The second half will entail a simulation of the nursing interventions reviewed in the first half.

Outpatient Care

Burn Telehealth in a Post Covid World: A Framework for Equity, Accessibility, and Utility

Carmen E. Caffey, BSN, RN
Ché R. Ochtlí, BAS
Tam N. Pham, MD

Out of necessity, entire telehealth systems were developed during the COVID pandemic to ensure the continued care of the burn patient. A secondary effect of this shift to remote care was increased convenience and access for some patients, and decreased access for others. Post-

pandemic burn telemedicine programs will need to address equity issues while restructuring to accommodate evolving policy and demand. Recognizing there is no one-size-fits-all solution, the presenters will discuss tools and strategies to tailor programs to the unique needs of individual burn centers and utilize decision-making prompts to promote both access and equity.

Pain and Pruritis

Moving Beyond the ABA Acute Burn Pain Guidelines: What Do We Need to Know, and How Do We Learn It?

Kathleen S. Romanowski, MD
Victor C. Joe, MD
David M. Hill, PharmD, BCPS, BCCCP
Rita Gaved, PharmD, BCCCP

The ABA recently published new pain guidelines for the management of acute pain in adult burn patients. These guidelines focus on what we know, what we think, and the research that needs to occur in order to improve our recommendations. We will review the new guidelines highlighting areas where further research is needed before giving attendees the opportunity to break into small groups to discuss research projects that would improve recommendations. Attendees will meet others interested in the treatment of pain in burn patients, develop mentor relationships, and develop research projects that can be carried out after the meeting.

Prevention/Epidemiology/Public Health

Burn Prevention: Populations with Unique Needs

Stephanie Campbell, MS, RN, CCRN-K
Jennifer B. Radics-Johnson, MBA
Clifford C. Sheckter, MD

Tailoring burn prevention programming to the intended target audience is a critical element of quality programming design. While many burn prevention messages can be utilized for general audiences, there are target populations that may benefit from a customized approach. We will review the unique needs of special populations, including the Amish community, the unhoused community, and the undocumented immigrants' community. We will discuss burn prevention considerations for each population and provide ideas for how to customize programming to best reach the intended audience.

Psychological and Psychosocial

First Do No Harm: Using Evidence-Based Interventions to Treat Psychosocial Concerns

Brent W. Smith, PhD, LP
Shelley A. Wiechman, PhD, ABPP
Carisa Parrish, PhD
Daniel M. Schneider, PsyD

Evidence-based practices (EBPs) are interventions based on the best scientific research and evidence. Burn survivors dealing with psychosocial challenges such as posttraumatic stress, pain, depression, and anxiety deserve access to EBPs. This session will review the rationale for using EBPs, including how the well-intentioned use of alternative treatments can cause harm; will overview EBPs for common psychosocial stressors including posttraumatic stress, pain, depression, and anxiety; and will review issues related to the validation and adaption of general EBPs (e.g., CBT for depression) to a burn-specific population.

PRO/CON Debate: Psychosocial Issues

Shelley A. Wiechman, PhD, ABPP

This workshop will feature 4 topics that have been identified as areas worthy of discussion by 8 different mental health professionals who work in verified burn centers. These mental health professionals will debate each topic using information from the literature that supports both a pro side and then a con side. There will be time for rebuttal on both sides and then time for questions and comments from the audience. The audience will be given a chance to enter their opinion via polling technology at the beginning of the debate and then again at the end of the debate.

Quality Improvement

Medical Photography for Non-Photographers

Timothy H. Zoltie, BA (Hons), PgC, Dip, MIMI

Why are my medical photographs often out of focus?! How do I take a quick photograph of a patient that can be useful to myself and others?! These are issues commonly faced by healthcare professionals wanting to take photographs to enhance the efficacy and cost efficiency of telemedical programs. This session will teach basic medical photography tips to enhance the quality of digital photography in telemedicine. It aims to equip the attendee with both simple and technical camera techniques and offer realistic and practical guidance on the use of cameras and mobile devices in medical situations.

Reconstruction

ABC's of Burn Reconstruction

Rajiv Sood, MD
Sigrid Blome-Eberwein, MD

This course will cover four aspects of burn reconstruction. The timing of referral, techniques in standardization of measurement of contracture, disability, demonstrating simple techniques for burn reconstruction, and finally, specific evaluation and techniques for eye and mouth contracture.

Rehabilitation

REHABILITATION WORKSHOP: Teleburn Rehabilitation

Matthew Godleski, MD
Katherine G. Siwy, MS, OTR/L
Andria Martinez, MOTR/L, CHT

The session will discuss how to conduct a successful teleburn visit including evaluation, measurements, interventions and documentation within a virtual platform.

Operationalizing Cutaneous Functional Units (CFU)

Miranda L. Yelvington, MS, OTR/L, BT-C
Ingrid Parry, MS, PT, BT-C
Renee Warthman, MS, OTR/L, BT-C, CHT

Early recognition of burn scar contractures can lead to a more targeted and effective therapy regimen, potentially preventing loss of range of motion and improving quality of life. Consideration of how surrounding skin moves with joint movement (principles of CFUs) can guide clinical decision making by helping clinicians develop treatment plans to explain, predict and prevent contracture development. Current burn literature demonstrates the potential of CFU principles to improve upon the current standard. This session provides updated evidenced based information on CFU utilization and demonstrates ways burn care professionals can incorporate CFU concepts into their practice.

EDUCATIONAL FORUMS

Career Development in Burn Therapy – What Certification Can Do for You

Ingrid Parry, MS, PT, BT-C
Marla R. Robinson, MSc, OTR/L, BCPR, BT-C
Lisa Forbes, BT-C, MSc, OT(Reg)

This session will address the benefits of certification for career development of burn therapists. We will evaluate the literature on general benefits of certification in healthcare, the benefits to the whole burn team and explore ideas about how to leverage certification within burn centers and surrounding community. Then we will provide the audience with guided exercises to practice conveying clinical reasoning as an applicant and evaluating the portfolio quality from a reviewer perspective. To allow interaction, we will encourage small group practice of the exercises for a short time at the end.

Research

Understanding Coagulopathies as Related to Burn Injury: Research Findings and Clinical Implications

Lauren T. Moffatt, PhD
Jeffrey W. Shupp, MD
David M. Hill, PharmD, BCPS, BCCCP

Further complicating already complex burn patient pathophysiology, is the further elucidation that local and systemic clotting abnormalities arise after injury. While trauma-induced coagulopathies (TIC) have been widely characterized in the literature, burn-induced coagulopathies (BIC) have been reported to a lesser extent. Advancements in functional assays have allowed clinicians to access robust data on clotting dynamics beyond PT/INR in real time, however how those data apply to triaging, treating, and predicting outcomes remains important for further research. Here, we will explore the current understanding of coagulopathies in burn patients and how the translation of this knowledge could lead to interventions.

Surgical Care (acute, non-reconstructive)

When the Skin Meets the Road: A Comprehensive, Multidisciplinary Approach to Managing Friction Burn- and Interactive Case-based Discussions

Steven Kahn, MD
Laura S. Johnson, MD
Syed Saquib, MD

This session covers the comprehensive, multidisciplinary management of friction burn, which can be a challenging problem. In addition to case presentations and a panel/ audience discussion- speakers will address this injury's unique pathophysiology, challenges of adjacent/open fractures without stable soft tissue, pain-control, nutrition, and wound management protocols/paradigms including topicals, dressings, selective debridement and use of skin substitutes). Unique challenges and strategies for rehab/ reintegration + psychosocial screening/support will also

be discussed. The session will briefly cover coding, billing, maximizing the DRG and CMI- and how these can affect registry/admission numbers and the bottom line for your institution.

Primer on Biologic and Biosynthetic Skin Substitutes: Review of Clinical Evidence in Burn Care

Dhaval Bhavsar, MBBS
Anjay Khandelwal, MD
Ram R. Velamuri, MD

Surgical management of large surface area burn injury patients is a complex problem. Early excision of burn wounds is the standard, practiced across burn centers around United States and many other countries. Due to inadequate skin autograft donor site availability, at least some of the burn wounds are routinely temporized with skin substitutes. There is a large number of skin substitutes available for burn wound coverage. We will discuss commonly used biologic and biosynthetic skin substitutes in burn care. We will describe indications, surgical methods, pitfalls, protocols for use and current clinical evidence for each of the skin substitutes.

Multidisciplinary

Controversies in Modern Burn Care: The ABA Pro/Con Debates

Victor C. Joe, MD
Laura S. Johnson, MD

Not all therapeutic decisions in burn care are informed by large prospective randomized studies. There are often opposing approaches to the same clinical problem. Burn care providers often disagree about various therapeutic interventions for the burn patient. This session will highlight four controversial areas in burn treatment. Experts from the burn team will debate these resolutions, defending their stance on a particular care plan or strategy. Audience polling will be used to identify the attendee's biases before the debate and their positions after the debate to see if the presented arguments change opinions.

Video Session

Robert Cartotto, MD
Ingrid Parry, MS, PT, BT-C

Burn care providers may approach the same clinical problem using different techniques and strategies. Video is an ideal way to demonstrate a technique and convey information about a specific approach to a clinical problem in burn care. In this session, burn care providers will present a 5-7 minute video recording, of a technique involving care and treatment of a burn patient, using the theme of "How I Do It". This session will be multidisciplinary in nature and will feature technical descriptions of treatments and interventions provided by many members of the burn team. Each video session will be followed by Q&A and discussion with the audience.

CORRELATIVES

The Correlative Sessions present current research results. The sessions showcase new information on basic science and clinical management issues in the format of short presentations by investigators of accepted abstracts. Many abstracts are submitted from around the world addressing various topics. The top abstracts are selected by the ABA Program Committee and other committees for oral presentation.

Correlative topics include:

Advocacy/Government	Pain and Pruritis
Aftercare and Reintegration	Public Health/Prevention/Epidemiology
Clinical Sciences: Critical Care	Psychological and Psychosocial
Clinical Sciences: Wounds and Scars	Quality Improvement
Clinical Sciences: Nutrition and Metabolism	Reconstruction
Disaster/Mass Casualty	Rehabilitation
Ethics	Research
Firefighter Issues	Surgical Care (non-reconstructive)
Fiscal and Leadership	Translational Sciences: Critical Care and Metabolism
Medical Care (non-critical)	Translational Sciences: Wounds and Scars
Nursing	
Outpatient Care	

POSTERS

Poster sessions provide an opportunity to explore a topic in-depth. Each researcher will present their work and answer questions about the research highlights. Don't miss this opportunity to engage in conversations about cutting-edge research in burn care!

BURN PREVENTION POSTER CONTEST

Each year the ABA offers prizes for burn prevention posters developed by Annual Meeting attendees. The posters must be original works and can cover any burn prevention topic. Posters are displayed at the Annual Meeting and are judged by the Burn Prevention Committee. The top three winners receive cash prizes for their institution. For more information and poster guidelines, visit that ABA website at <http://ameriburn.org/prevention/burn-prevention-poster-contest/>