# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome Letter</td>
<td>2</td>
</tr>
<tr>
<td>Continuing Education</td>
<td>3</td>
</tr>
<tr>
<td>Day 1</td>
<td>Wednesday, April 7</td>
</tr>
<tr>
<td>Day 2</td>
<td>Thursday, April 8</td>
</tr>
<tr>
<td>Day 3</td>
<td>Friday, April 9</td>
</tr>
<tr>
<td>Education On-Demand</td>
<td>17</td>
</tr>
<tr>
<td>On-Demand Correlatives and Posters</td>
<td>20</td>
</tr>
<tr>
<td>SIG Week</td>
<td>21</td>
</tr>
<tr>
<td>Navigating the Virtual Meeting</td>
<td>22</td>
</tr>
<tr>
<td>Solutions Expo</td>
<td>24</td>
</tr>
<tr>
<td>Our Sponsors</td>
<td>26</td>
</tr>
</tbody>
</table>
Welcome to the 2021 ABA Annual Meeting!

Our attendee guide includes our live schedule for the week, the on-demand content available to you through the event, and tips and tricks for accessing the content to ensure a successful experience.

While we wish we were seeing you in person for this important educational event, we are pleased to be able to offer the virtual version. The virtual conference includes two tracks of sessions which will be live cast with chat discussions. Each day will end with a social activity. Additional on demand sessions will be available throughout and after the conference. We are grateful to the many ABA members who contributed content and were dedicated to making this a success and bringing the ABA to you!

We look forward to seeing your virtually for the 2021 ABA Annual Meeting and being back together again in 2022!

Robert Cartotto, MD, FRCS(C)
Program Chair

Ingrid Parry, MS, PT, BT-C
Associate Program Chair
ABA Overall Conference Learning objectives:

- Discuss the results of cutting-edge scientific clinical management or basic science research and other burn issues.
- Identify opportunities to improve care of the burn injured patient.
- Discuss important issues within the burn field.
- Identify practice successes, failures and questions related to your burn unit.

Speakers are required to verbally disclose prior to their presentation. Disclosure information for all additional persons in control of content are available in the Annual Meeting Front Matter linked on the Annual Meeting Event website login page. It can also be requested from the ABA. All COI resolutions are kept on file and available upon request.

The American Burn Association is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American Burn Association designates this blended activity for a maximum of 94 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Burn Association is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. This activity is accredited for 94 nursing contact hours.

The American Burn Association is an Approved Provider of CE for Professional Development through the AOTA. This Professional Development should be approved for 49.75 contact hours.

The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA or indicate AOTA approval of a certification or other professional recognition.
The American Burn Association is approved by the Illinois Department of Financial and Professional Regulation as a Physical Therapy Continuing Education Sponsor for Illinois licensed Physical Therapists. This activity has been approved for 30.5 CEs. [License No 216.000352]

This activity has been approved for 20 hours of CE from the NASW. (Approval #: 886775310-7863)

The American Burn Association is applying for approval to award CE for Clinical Dietitian Registry (CDR) and Rehabilitation Psychology Division 22.

To claim CEU credits by discipline you will need to attend a session and complete the evaluation. Some accreditation requirements include the completion of quiz questions as well. You can view additional details in the meeting platform.
Day 1 | Wednesday, April 7

8:00 am–8:30 am CT

**Award Ceremony & Awards**
Join us as we kick-off the 53nd ABA Annual Meeting. ABA awards will be presented by ABA President, William Hickerson, MD and Program Chairs, Robert Cartotto, MD and Ingrid Parry, MS, PT, BT-C.

8:45 am–10:00 am CT

**Presidential Address & Plenary**
William Hickerson, MD will present his presidential address: Standing on the Shoulders of Giants. He will also share information on ABA accomplishments and how we can continue to impact burn care in the years to come. Everett Idris Evans Memorial Lecture Award winner, Fiona M. Wood, FRACS, AM, Director of the Burns Service of Western Australia and the Burn injury Research Unit University of Western Australia, and co-inventor of Recell will present her talk.

10:00 am–10:15 am CT

**Coffee Break**
Sponsored by:

10:15 am–12:00 pm CT | Forums

**One Size Does Not Fit All: Applying the 2018 Society of Critical Care Medicine Guidelines for Pain, Agitation, Delirium, Immobility, and Sleep to Burn Patients** | F-262
Allison N. Boyd, PharmD, BCCCP; Todd A. Walroth, PharmD, BCPS, BCCCJP

The 2018 Clinical Practice Guidelines for the Prevention and Management of Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption in Adult Patients in the ICU provide a foundation for standardization of these disorders in critically ill patients. However, these guidelines do not specifically address the burn patient population and literature in this area is limited. The purpose of this session is to summarize the guidelines and to extrapolate these recommendations to burn patients accounting for inherent limitations in this population.

**Burn Nursing Practice: A Clinical Pro/Con Debate** | F-267
Gretchen J. Carrougher, MN, RN; Tara Lerew, BSN, RN, NE-BC

Debates concerning clinical practice are nothing new to healthcare. Discussions (aka: debates) that are evidence-based are crucial to ongoing discussions for determining clinical standards of care and practice. As nurse members of the American Burn Association are seeking specialty recognition, we need to be able to define our practice—to include those ‘gray areas’ which may be controversial or lack evidence. This forum will bring together nurses with fundamental knowledge of the issues for a discussion and pro/con debate.
12:00 pm–1:15 pm CT

Lunch Break and Solutions Expo

1:15 pm–3:00 pm CT | Forums

What the Burn Provider Needs to Know About Sepsis: Current Literature, Special Considerations, Case-based Discussions, and Future Directions | F-263
Steven Kahn, MD; Laura S. Johnson, MD, FACS

This two-hour course on burn sepsis is a mix of didactic lectures and case-based, interactive discussions. The participant will be given a presentation on the most current literature (Sepsis-3), followed by specific considerations when caring for burn patients. Next, there will be case presentations accompanied by discussion from a panel of experts- with audience participation. Finally, there will be a presentation on the newest “cutting-edge” care and potential future directions in sepsis management.

MAC-Forum, Effective Meeting Strategies for Burn Rounds | F-369
Vincent Gabriel, MD; Annette Newman, MS, RN, CCRN; Caran Graves, RDN, MS, CNSC; Philip Chang, MD

This MAC Forum session will review current common strategies used during most burn centers’ daily and weekly burn rounds and review current organizational behavior research to propose new ways of effective team communication and time management.

3:15 pm–3:45 pm CT | Vendor Education Sessions

Perimed | “Demonstrating Perimed’s imaging technology for early prediction of burn wound healing potential showcasing the PeriCam PSI
Sam Pakvis

Early prediction of burn wound healing potential.

CUTISS AG | denovoSkin in a massive burn
Prof. Clemens Schiestl

The use of a bio-engineered, autologous, dermo-epidermal skin graft to treat a massive burn

4:00 pm–4:45 pm CT | Symposia

Symposia are small interactive sessions and will have limited attendance. They will be done via zoom, to participate click on the session in the meeting platform. Attendees should plan to have their camera on and actively participate in the discussion.

The Burn Unit Staffing Roller-Coaster - Unique Staffing Challenges | S-107
Moderators: Rudi Shlomovitch, BA; Laura Vey, BScN, RN

Discussion will focus on determinants for staffing levels and the ways to adjust during acuity surges and downtimes. What is the optimal staffing model and how to make it sustainable, while maintaining standards of care and improving patient outcomes.

Managing the Morbidly Obese Burn Patient in the Burn Center | S-111
Moderators: Charles J. Yowler, MD, FACS, FCCM; ACCNS-P; Sharon Quallich, ACNP, CNS

We will discuss the challenges that arise in the care of the morbidly obese patient with burn injury or other complex soft tissue wound such as NSTI and calciphylaxis.
4:00 pm–4:45 pm CT | Symposia

**Does This Have to Be so Difficult? Using Implementation Science to Accelerate Changes in Burn Care Practice** | S-203
Moderators: Amanda P. Bettencourt, PhD, APRN, CCRN-K, ACCNS-P; Victor C. Joe, MD; Audrey E. Wolfe, MPH

High-quality clinical research evidence takes years to become integrated into routine care. Implementation science seeks to narrow this evidence-to-practice gap by accelerating the uptake of research findings and best practices. The products of implementation science, like toolkits or tailored implementation interventions, can help overcome common barriers faced by burn care providers when trying to change practice.

**Inhalation Injury 2021: A Comprehensive Update** | S-206
Moderators: Todd F. Huzar, MD, FACS; Kevin K. Chung, MD, FCCM, FACP; Ronald Mlcak, MBA, PhD, RRT, FAARC

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, inhaled adjuncts, management of CO and CN, and chemical inhalation injury.

5:00 pm–6:00 pm CT

**Trivia Night!**
Join us for a hosted trivia event. This will be a fun opportunity to interact with other Annual Meeting attendees and prizes will be awarded. Topics will include pop culture and a special round on ABA trivia.

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There is never a financial charge from Vericel for taking or processing a biopsy
Day 2  |  Thursday, April 8

7:45 am–9:00 am CT

20/20 Vision: The Wide-ranging Effects on Multidisciplinary Burn Care Through the Lens of the COVID-19 Pandemic Pt. 1  |  P-192
Victor C. Joe, MD, FACS; Leopoldo C. Cancio, MD, FACS, FCCM

The COVID-19 pandemic dramatically impacted the continuum of burn care from supply chain to aftercare. It exposed vulnerabilities in burn care from unforeseen threats and demonstrated that a burn disaster is not limited to scenarios with large numbers of patients with thermal injuries. Any disaster that threatens the shared resources of a medical system can increasingly put pressure on burn care delivery systems leading to implementation of altered standards of care. This course will examine the effect of the COVID-19 pandemic on burn centers, evaluate our response vis-a-vis current preparedness framework, and explore solutions for future disaster preparedness.

Care of the Elderly Burn Patient: Optimizing Quality of Life and Long Term Outcomes  |  F-167
Arek J. Wiktor, MD; Marc G. Jeschke, MD, PhD

Elderly burn patients pose unique challenges to the burn team including optimization of quality of life (QOL) and appraising end-of-life options. Geriatric studies show that the aging population is exceedingly vulnerable to adverse health outcomes, such as falls, prolonged hospitalization, institutionalization, and death. Hospitalizations are likely to be longer, lead to functional decline, require additional support, and eventual transition to nursing homes. This session will review and provide guidance to enhance elderly burn patients QOL by improving physical, psychological, social/spiritual components of care. A multidisciplinary team of presenters will be followed by panel discussion with elderly burn survivors.

9:15 am–10:30 am CT

20/20 Vision: The Wide-ranging Effects on Multidisciplinary Burn Care Through the Lens of the COVID-19 Pandemic Pt. 2  |  P-292
See course description above.

Burn Reconstruction Education Forum  |  F-162
Course Directors: Sigrid Blome-Eberwein, MD; Daniel Driscoll, MD

The course is meant to be on-going in form of modules with some general principles presented at each course, slowly working through the entire spectrum of burn reconstruction. It is important to us that all team members in the burn center learn and hear about the available reconstructive possibilities and see some good outcomes, because burn survivors most often hear about the possibilities of reconstruction through their nurses, occupational/physical therapists and social media. At the same time we would like to encourage younger surgeons to learn about the dos and don’ts in burn reconstruction and to hear about basic and advanced procedures from experts who often do not get a chance to pass on their knowledge because burn and burn reconstruction has been eliminated from the mandatory curriculum for most surgical residencies.
10:45 am–12:00 pm CT | Forums

Rehabilitation Workshop: Providing Therapy in the Critical Care Setting – How Do We Do It and What Has Changed? | F-161
Matthew Godleski, MD; Renee Warthman, MS, OTR/L, BT-C; Miranda Yelvington, MS, OTR/L, BT-C, BCPR

There are many challenges to providing therapy services in the critical care setting, but also new opportunities to advance practices to allow for safe, early interventions for during periods of intensive care. This session will review current technologies, scientific studies regarding therapy in critical care, and practical approaches and guidance for implementing new protocols. The session will be led by a multidisciplinary team of presenters to provide a holistic view of both the barriers and potential of therapy during the early time period following burn injury.

Utilizing Community Partnerships for Better Burn Care Outcomes: Working with the Fire Service, Burn Foundations, Burn Survivors and Other Community Partners | F-265
Tom Flamm, FF; Jennifer B. Radics-Johnson MBA

The needs of burn centers are numerous and diverse. Patients are not only looking for positive surgical outcomes, but may also be looking for psychological healing, emotional support, ways to give back, and knowledge about how to prevent future burn injuries. With limited time and resources, burn centers are stretched thin to meet all of their patients’ needs. This course will help burn centers recognize opportunities for collaboration and partnerships to assist with better burn patient outcomes and prevention of burn injuries, as well as provide examples of successful partnerships and collaborations between burn centers and community partners.

12:00 pm–1:15 pm CT
Lunch Break and Solutions Expo

1:30 pm–3:15 pm CT | Forums

Therapy Dosing and Intervention in the Multidisciplinary Care Environment: Examining Available Evidence, Practice Standards, and Protocols | F-165
Brooke Murtaugh, OTD, OTR/L, BT-C; Derek Murray, PT

What is the appropriate therapy dosing and intensity for the burn survivor? This question is fraught with ambiguity and dependent upon care setting, size of burn, therapy staffing models, and therapist experience. The objective of this symposium is to review and discuss current burn literature and rehabilitation practice recommendations in various intervention domains. Moderators and attendees will examine how published evidence, practice recommendations, therapist expertise and organizational barriers can lead to clinical decision-making regarding therapy dosing and intensity. This symposium aims to be an interactive session that promotes clinician networking, problem solving and implementation of evidence-based burn rehabilitation.
1:30 pm–3:15 pm CT | Forums

**Fearless Burn Prevention Messaging: Best Practices in Design & Delivery** | F-362
Stephanie Campbell, MS, RN, CCRN-K; Rebecca Coffey, PhD, MSN, APPRN-CNP

Burn centers, fire departments, and support organizations have unique opportunities to deliver burn prevention messaging to the community. This session will review current prevention messaging best practices, including how to create positive, accurate, and consistent messaging, how to vet programs and materials, and how to adapt your approach to your audience. Other topics of discussion will include eliminating scare tactics and utilizing language that is compatible with low health literacy.

3:30 pm–4:00 pm CT | Vendor Education Sessions

**Medline | Hyalomatrix Transformations**
Ram Velamuri, MD

Listen to Dr. Velamuri’s experience with Hyalomatrix

**Molnlycke | Pediatric Burns and Wound Care: Current Practice with an Eye on Pain Control**
Paul M. Glat, MD

Presentation on current practice in pediatric burn/wound care and pain control

4:15 pm–5:00 pm CT | Symposia

**Symposia are small interactive sessions and will have limited attendance. They will be done via zoom, to participate click on the session in the meeting platform. Attendees should plan to have their camera on and actively participate in the discussion.**

**Are Fear-avoidant Beliefs and Behaviors Impairing Burn Survivor’s Ability to Reengage in Activities?** | S-101
Moderators: Bernadette Nedelec, PhD, B.Sc. OT (c), BT-C; Danielle Shashoua, Physiotherapist – PT

The Fear-Avoidance Model describes a cascade of events after pain that is perceived as threatening, which may lead to avoidance of valued and meaningful life activities and greater disability. Literature examining burn survivors suggests they may experience fear-avoidance, however, there has been limited discussion among rehabilitation professionals who specialize in burn survivor rehabilitation. This session will facilitate discussion of the theoretical basis of fear-avoidant beliefs and behaviors in burn survivors and issues associated with evaluation and treatment.

**Burn Prevention: Worth Its Weight in Gold** | S-102
Moderators: Stephanie Campbell, MS RN CCRN-K; Karla S. Klas, BSN, RN, CCRP

Resources dedicated to burn prevention programming are often limited. It can be challenging to convince hospital administration or organizational leadership that programs designed to prevent burn injuries deserve more funding, dedicated time, and personnel. This session will encourage participants to share ideas about how to best advocate for more resources for burn prevention activities. We will brainstorm new approaches to demonstrating that efforts to prevent burn injuries in the community are worthy of our focus and our funds.
4:15 pm–5:00 pm CT | Symposia

**It’s All About Teamwork: Nursing and Therapy Collaboration for Optimizing Function with Dressings and Treatment | S-207**

Moderators: Cassandra O’Rourke, OTR/L, BCP; Emily Eschelbach, BSN, RN; Trudy Boulter, OTR/L, CHT, BT-C

This symposium will help burn care providers understand the value and importance of collaboration between nursing and therapy to maximize the functional outcomes of our burn survivors. Topics discussed and facilitated in the group would include set up and timing of dressing changes, supplies used, timing of therapy, and a practical (hands on) portion to allow nurses and therapists to collaborate and apply a dressing to a highly functional area together (i.e., shoulder, hand, hip, trunk). This approach allows burn survivors to have maximum function when dressings are applied during the acute burn injury, which maximizes function long term.

**Outcomes Measures: Applications in Burn Rehabilitation | S-209**

Moderators: Lynne Benavides, OTR/L, CHT; Betsey Ferreira, MSPT

There are many outcome measures utilized in rehabilitation to assist in determining a patient’s current status, progress, and success of intervention. In functionally based recovery, domains of mobility and hand function are of great concern, and this session will aim to have an interactive, healthy discussion on utilizing adult based outcome measures in PT/OT practice to enhance documentation as well as evidenced based practice. Focus specifically centered on mobility and hand/upper extremity outcome tools with expectation of broader discussion including effect of scar outcomes. Discussion also to include optimal timing of outcome measure administration and mode of administration.

**Youth Firesetting Intervention Programs | S-212**

Moderators: Kara Garrett, BS, YFSIS; Paul Schwartzman, MS, LMHC, DAPA

In this session we will review what different agencies are using to run their Youth Firesetting Intervention Programs with partnering agencies. We will also review general statistics from different programs, databases that are utilized to run programs efficiently, and will discuss ideas on how to improve on current practices.

5:00 pm–6:00 pm CT

**International Association of Burn Camps Game Night**

ABA and the International Association of Burn Camps invite you to a fun filled evening of games and virtual activities. Burn camps this year have found innovative ways to engage campers in the virtual world, you can be part of that fun. This event is hosted by the IABC. Prizes will be awarded.
Assessment of burn depth continues to present challenges. The need for alternative methods to achieve early eschar removal while preserving viable tissue is a priority in burn care research.

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7:45 am–8:45 am CT | Eye-Opener

**A.I., Machine Learning, and Big Data and the Impact on Burn Injury Treatment and Research** | F-168
Soman Sen, MD FACS; Hooman Rashidi, MD, MS, FASCP

The explosion of big data in health care coupled with advances in computer technology and software has ushered the health care profession into the era of machine learning (ML) and artificial intelligence (AI). In this session we introduce an overview of ML and AI and how they can and are being used in healthcare. We highlight research using ML and AI in burn injured patients and discuss the future use of ML and AI in both research and treatment of burn injured patients.

**Nutrition Monitoring for Burn Patients** | F-361
Kate Wallace, MS, RD, CNSC

There are many strategies for monitoring nutrition provision for both adult and pediatric burn patients, this session will review literature and share best practices regarding metabolic cart studies, urinary urea nitrogen measurements (UUN), and other monitoring tools.

9:00 am–11:00 am CT

**Top 6 Abstracts** | P-391
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!

11:15 am–12:15 pm CT | Symposia

**Spiritual Needs and the Burn Patient: Moving from Disorientation to Reorientation** | S-105
Moderators: Sandra L. King, MA, BCC; Amy Acton, RN, BSN

Surveys of trauma survivors inform us that spiritual/religious beliefs play an important role in recovery. Further research suggests that spiritual health/spiritual distress play an important role in how patients make meaning of their trauma injuries and how their arc of recovery unfolds. A burn injury can bring with it many unique aspects of spiritual distress for the burn patient and family. In this symposium, we will discuss these unique aspects and explore the question of how suffering through this distress can aid burn survivors in moving from reliving the story of their trauma to rewriting the story of their lives.
11:15 am–12:15 pm CT | Symposia

**Are All Burn Patients Treated Equally? | S-112**
Moderators: Linwood Haith, MD, FACS, FCCM; Juvonda Hodge, MD; Debbie Minter, MSPT; Jennifer Kennedy, MS, OTRL

This session will be an open discussion and exchange of ideas about disparities and how to reduce bias and discrimination in ourselves, our hospitals and our organization.

**Finding the Sweet Spot: The Management of Hyperglycemia and Diabetes in Burn Patients | S-204**
Moderators: Allison N. Boyd, PharmD, BCCCP; Todd A. Walroth, PharmD, BCPS, BCCCP, FCCM

There is a paucity of data regarding the optimal management of hyperglycemia and diabetes in the hypermetabolic burn patient in both the inpatient and outpatient setting. The purpose of this session will be to allow attendees to share local practices, successes, and barriers for achieving glycemic control in burn patients. Discussion topics will include: bridging between care settings, using insulin vs. oral agents, transitioning off continuous insulin infusions to subcutaneous insulin, the ideal goal blood glucose range, carbohydrate counting, perioperative management, patient education, endocrine service involvement, and discharge support.

Moderators: Monica L. Gerrek, PhD; Anjay Khandelwal, MD, FACS, FICS; Mikki J. Rothbauer, MSW, LICSW

Moral distress occurs when one knows what the right thing to do is, but is unable to pursue that course of action. Such distress arises for healthcare providers when doing what is best for the patient conflicts with what is best for other patients, other providers, the organization, family, or society. Moral injury occurs when a provider bears witness, fails to prevent, or perpetrates an act that transgresses deeply held moral beliefs. Both moral distress and moral injury can lead to provider burn out, illness, and death. We will discuss these concerns and ways of addressing them.

**Understanding the ABA Guidelines for Management of Acute Pain | S-211**
Moderators: Kathleen S. Romanowski, MD, FACS; Joshua S. Carson, MD, FACS; Shelley A. Wiechman, PhD

New pain guidelines for the management of acute burn pain were developed by the Organization and Delivery of Burn Care Committee and are currently under consideration by the ABA board. The purpose of this symposium would be to discuss the new guidelines, the rationale behind them, and future research that could be done to enhance our knowledge of the treatment of burn pain. Through this session, we will be able to disseminate the new guidelines and start a discussion about how best to treat acute burn pain.

12:00 pm–1:15 pm CT

**Lunch Break and Solutions Expo**
1:15 pm-3:00 pm CT | Forums

**Extensive Burns - Current and Emerging Options for Wound Closure** | F-268
Angela Gibson, MD, PhD, FACS; Tina L. Palmieri, MD, FACS, FCCM

The single greatest challenge in extremely large burns is definitive wound coverage. Choosing the approach is not always straightforward. In this educational forum, topics will include cultured skin, spray on autologous skin cell suspension, dermal substitutes, bilayered substitutes, and surgical techniques for expanding autologous skin grafts (MEEK, Sandwich technique). The indications and pros/cons of each option and the overall strategy including choice and timing for use in extreme TBSA burns will be covered. Additionally, use of these strategies at burn centers with lower volume large burns will also be discussed.

**Survivorship in Discharge and Aftercare Planning: Engaging Families and Burn Survivors as Burn Team Members** | F-371
Matthew Godleski, MD; Renee Warthman, MS, OTR/L, BT-C; Miranda Yelvington, MS, OTR/L, BT-C, BCPR

There are many challenges to providing therapy services in the critical care setting, but also new opportunities to advance practices to allow for safe, early interventions for during periods of intensive care. This session will review current technologies, scientific studies regarding therapy in critical care, and practical approaches and guidance for implementing new protocols. The session will be led by a multidisciplinary team of presenters to provide a holistic view of both the barriers and potential of therapy during the early time period following burn injury.

3:15 pm–4:15 pm CT

**Business Meeting**
Attend the ABA business meeting to learn about ABA recent accomplishments, updates on the financial status of the organization, and future plans and goals. Recognize outgoing board members and officers and see the installation of the new board.

4:15 pm–5:00 pm CT

**Closing Party Scavenger Hunt**
Get together with colleagues and friends for the Friday night closing party. While we can’t be together in person to celebrate the work we do as burn care professionals, we will have a virtual toast to a challenging year and a brighter future as we look to meeting in person in 2022. ABA volunteers will host a scavenger hunt that you can do from wherever and whatever time zone you are in at the moment. Join the fun! Prizes will be awarded.
On-demand sessions are prerecorded sessions that are available for viewing at any time during the conference dates or afterwards until May 19. It is possible to ask questions or leave comments via the chat in these sessions.

**Forums**

**Beyond the Basics of Bioethics** | F-261
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Monica L. Gerrek, PhD; Todd F. Huzar, MD

Burn care providers are not expected to be experts in ethics, nor should they be. However, a limited understanding of bioethical principles and concepts often leads to confusion about how to apply them and can result in unnecessary ethical quandaries. The purpose of this workshop is to provide learners with the information they need to better utilize bioethical principles and concepts in patient care to optimize ethical decision making. In addition to the four principles of bioethics, topics covered will include informed consent, end-of-life decision making, surrogate decision making, and decision making for pediatric patients among others.

**Bubbles and Bandages: Trauma Informed Practice and Pediatric Psychosocial Care in the Burn Center** | F-264
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Alexis Castro, MS, CCLS

Supporting children and families throughout their burn treatment is often challenging, with many factors involved. This session will provide a framework for how trauma, adverse childhood experiences, and development impact a child’s coping with treatment. Techniques and tools to facilitate developmentally appropriate care will be shared. The impact of a child’s coping style and a parent’s role in the child’s adjustment will be discussed as they relate to transitioning to the outpatient setting. Promoting post traumatic growth and resiliency will also be discussed.

**Burn Center Based Laser Scar Revision** | F-366
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Taryn E. Travis, MD; Jeffrey W. Shupp, MD, FACS

This educational forum will cover a range of topics useful to team members working to establish a laser scar revision program at their burn centers. Topics covered include business plan development, patient selection, practice logistics, billing and coding, safety, and tools and technology of a burn center-based laser practice.

**Burn Nursing Practice - Update on Specialty Recognition and Certification** | F-367
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Gretchen J. Carrougher, MN, RN; Sheila Giles, BSN, RN, CPN

The presentations and discussions will focus on the recent goal of achieving specialty recognition for burn nursing within the American Nurses Association. In addition, an update to a burn nursing certification program will be provided.
Forums

**Chronic Disease After Burn Injury: Developing a Collaborative Approach to An Underrecognized Aspect of Aftercare** | F-372
Diana L. Tenney; Radha K. Holavanahalli, PhD

Survival rates on large burns are commendable, but have we comprehensively addressed the reality of the chronic effects of burns throughout the course of our patients’ post-burn lives? Little research has been done on chronic effects of burn injury and long-term sequelae. When the burn survivor transitions care to the general medical population, they are often uninformed of long-term conditions and complications that affect the survivor’s life. This session aims to (i) provide a comprehensive understanding of specific long-term needs and experiences of survivors, and (ii) offer a collaborative approach to address those needs to improve overall patient care.

**Controversies in Modern Burn Care: The ABA Pro/Con Debates** | F-368
Victor C. Joe, MD, FACS; Robert Cartotto, MD FRCS(C)

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.

**Global Burn Injury Prevention and Control** | F-364
Barclay T. Stewart, MD PhD; Michael Peck, MD, ScD, FACS

This forum will provide updates and examples of epidemiology-, health system strengthening-, and community-based approaches to reduce the incidence of burn injuries and improve survival and recovery after injury globally. Additionally, the session will discuss advocacy and policy mechanisms to reduce the burden of burn injuries in low-resource settings and mitigate specific types of injuries, like chemical assault and burn-related violence against women and girls.

**Noninvasive Tools for Assessment of Wound Depth and Scars in Burn Care: Do We Have What We Need?** | F-373
Lauren T. Moffatt, PhD; Jeffrey W. Shupp, MD, FACS

Despite decades of research devoted to non-invasive technologies to aid in burn care there is a lack of consensus on their use. During this session the learner will be informed of the most notable technologies for the assessment of acute burn wounds and burn hypertrophic scars. Data will be presented on the accuracy and efficacy of each technology and the gaps and barriers as to why these technologies are not universally adopted. Question and answer session will be moderated with the intent of understanding the needs of the burn care community and future directions.

**Implementing Quality Improvement: A Symphony in Five Parts** | F-370
Yvonne Singer, BSc, GDip; David Harrington, MD

Providing safe, evidenced based, high quality burn care is challenging in the complex healthcare environments within which Burn Centers function. This education forum is an insightful journey into implementing Quality Improvement (QI) in the Burn Center. It will shine a light from the past to the future on the ABA registry and the newly developed ABA Burn Quality Data Platform and Quality programs. It will dive into implementation science and human factors to identify strategies and resources to implement successful and sustainable QI changes, and finally, it will explore differences and similarities between research and QI methodologies.
Forums

The Complex Problem of Recognising and Responding to Clinical Deterioration in the Burn Centre | F-166
Yvonne Singer, BSc, GDip; Eduardo Gus, MD

Patients with severe burns are at risk of clinical deterioration because of the complex nature of burn injury, subsequent treatments and systemic complications. Evidence shows that most adverse events occur because of failures in the afferent/recognition process. Identification of deteriorating patients is complex, influenced by factors such as knowledge and skills, team culture and environment. This forum will explore complexities of recognising and responding to clinical deterioration in burn care and human factors, quality improvement and implementation science strategies that can effect process, system and cultural changes to improve the teams capacity to recognise and respond to clinical deterioration.

Vascular Endothelial Dysfunction in Thermal Injury | F-163
Lauren T. Moffatt, PhD; Jeffrey W. Shupp, MD, FACS

The burn care community continually challenges the dogma of burn shock resuscitation. To better inform future clinical care, new evidence and understanding of endothelial dysfunction must be further researched and integrated into our understanding of burn shock pathophysiology. This educational forum is designed to inform learners of the current translational research in endotheliopathy and how it could apply to advances in burn clinical care. Through this forum, learners will better understand how resuscitation strategies like colloid supplementation may have mechanistic effects on perfusion and vascular leakage.

What in the Wound are You Doing? | F-374
Anjay Khandelwal, MD; Soman Sen, MD, FACS

Wound infections are one of the leading causes of sepsis in burn patients leading to significant morbidity and mortality. Despite the critical nature, wound infections remain elusive in terms of diagnosis and management with significant practice variation across the world. This interactive, multi-disciplinary forum will shed light on etiology, definitions, diagnosis and treatment with the goal to enable burn centers to develop their own guidelines and algorithms to effectively and efficiently manage wound infection based on literature, expert consensus and accepted practices.

When and How to Splint the Paediatric Burned Hand | F-266
Stephanie J. Wicks, BAppSc (Phty)

Burns scar contracture involving the hand is one of the most challenging areas to manage for burns therapists. Principles and methods of splinting the hand, from the acute stage of wound healing and throughout scar development to maturation will be presented for management of these burns in children. Outcome data related to the efficacy and safety of splinting in a paediatric cohort will be presented and attendees will have the opportunity to learn how to fabricate splints and design a splinting regime aimed at preventing common hand contractures.

Working with Self-Inflicted Burn Patients and Families at the Burn Center | F-164
Kristen C. Quinn, CMHC; Kimberly Roaten, PhD, CRC

This session will begin with a holistic discussion of the multi-faceted treatment of adult and adolescent patients with self-inflicted burn injuries. National data regarding prevalence will be presented as well as research findings regarding pre-morbid characteristics and outcomes. The presenters will provide information about best practices when treating adult and adolescent patients with self-inflicted injuries. The forum will also include discussion of the impact of caring for this unique patient population on the providers and strategies for supporting the burn team.
On-Demand Correlatives and Posters

All live sessions will be recorded and added to the on-demand education library post-event. You will be able to access the content by clicking on the On-Demand Education tile on the main page.

You can also utilize the left-hand navigation to search by type of content, speaker, or click schedule to search by date, title, or track.

Each session or presentation is organized in its appropriate track and may include a PDF and slides and audio of the presentation.

You can browse through our posters by presenter, title, and track. Poster presentations are available to view digitally and may include audio.

**Correlative Sessions**

I Aftercare and Reintegration  
II Clinical Sciences: Critical Care  
III Clinical Sciences: Nutrition and Metabolism  
IV Clinical Sciences: Wounds and Scars  
V Pain and Pruritis  
VI Disaster/Mass Casualty  
VII Medical Care (non-critical)  
VIII Nursing  
IX Outpatient Care  
X Prevention/Epidemiology/Public Health  
XI Psychological and Psychosocial  
XII Quality Improvement  
XIII Reconstruction  
XIV Rehabilitation  
XV Surgical Care (acute, non-reconstructive)  
XVI Translational Sciences: Critical Care and Metabolism  
XVII Translational Sciences: Wounds and Scars

**Poster Sessions**

Aftercare and Reintegration  
Clinical Sciences: Critical Care  
Clinical Sciences: Nutrition and Metabolism  
Clinical Sciences: Wounds and Scars  
Disaster/Mass Casualty  
Ethics  
Fiscal and Leadership  
History Poster Winner  
Medical Care (non-critical)  
Nursing  
Outpatient Care  
Pain and Pruritis  
Prevention/Epidemiology/Public Health  
Psychological and Psychosocial  
Quality Improvement  
Reconstruction  
Rehabilitation  
Research  
Surgical Care (acute, non-reconstructive)  
Translational Sciences: Critical Care and Metabolism  
Translational Sciences: Wounds and Scars
Virtual SIG Week will include time to network and learn from your peers. Registered attendees can participate in as many SIGs as they want. Mark your calendar now and go to the virtual site to participate.

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday, April 12</th>
<th>Tuesday, April 13</th>
<th>Wednesday, April 14</th>
<th>Thursday, April 15</th>
<th>Friday, April 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>9–11 am CT</td>
<td>Reconstruction Breakfast</td>
<td>OT/PT</td>
<td>Quality &amp; Burn Registry</td>
<td>Epidemiology/Prevention</td>
<td>Pediatric Burns</td>
</tr>
<tr>
<td>12–1 pm CT</td>
<td>Fluid Resuscitation</td>
<td>Nursing</td>
<td>Anesthesia/Resuscitation</td>
<td>Burn Camps</td>
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<tr>
<td>1–3 pm CT</td>
<td>Psychosocial</td>
<td>Pharmacy</td>
<td>Research</td>
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<tr>
<td>3–4 pm CT</td>
<td>Burn Foundations</td>
<td>Disaster</td>
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<tr>
<td>4–5 pm CT</td>
<td>Disaster</td>
<td>Canadian</td>
<td>Nutrition</td>
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</tbody>
</table>
Navigating the Virtual Meeting

All on-demand content, including the recorded live streams, as well as forums, correlatives and posters, will be available until May 19.

Logging In

To access the content, go to the ABA virtual meeting. To log in, you can click in the upper right corner of the main screen and enter your email address and the password that was sent to you prior to the meeting. Certain features or functionality on the website may only be accessible to users who have registered.

Left-hand Menu Items

The vertical menu on the left side of the screen will give you options for browsing the materials associated with the event. This may include items such as: Posters, Speakers, or Exhibitors. Schedule allows you to view by date, title, or track.

Main Screen Tiles

These will appear on the main screen. Each tile will be labeled to reflect its contents when clicked.

User Support Area

At the very bottom of the web page, you can click Technical Support to connect with a member of our team.
While the Live Stream and other virtual features will work in most web browsers, we highly recommend using Google Chrome to access the site and do not recommend Internet Explorer.

**Joining a Live Stream**

1. If you are attending in a live stream, you will want to find the corresponding tile on the main screen and click on it. **We recommend joining in a few minutes early**, so that you can get yourself setup and ready before the speakers begin. Make sure that you have working speakers for your desktop/laptop or that you are able to hear using headphones connected to the computer.

2. Once you have entered the live stream viewer, take a moment to familiarize yourself with the icons that are available:

   **Ascending Vertical Bars**: these will control the volume of your livestream. Click a box and turn it blue to increase the volume, or gray to decrease the volume.

   **Expanding Arrows**: this will control the size of your screen. Click once to enter full screen viewer or click again to return to original size.

**Joining a Live Stream**

- If you are unable to hear any sound at all, be sure your computer speakers are turned on, and the computer volume is not set to Mute within the live stream window or in the computer sound settings. When the stream begins, you may see a message that says something like “Click here to unmute.”

- If the slides or speaker appear blurry at any point, it may be an internet connectivity issue. If you know that your connection is good, and you refresh your screen (F5), but the images are still distorted, the issue is with the speaker’s connectivity. It will be up to them to remedy that issue.

- If you are having trouble with the video feed or are not seeing any video at all during the time of the Live Stream event, try refreshing your browser—the icon on the browser should look like this or. You can do this by clicking the circular refresh icon beside the URL, holding down Ctrl + R buttons on your keyboard on a desktop/laptop, or by pressing F5.

- You can also increase/decrease the resolution value of the stream. In the bottom right corner, you may see a number like 1080p. This is the highest resolution, and most recommended. If you see a number lower than 1080p, click on the number to adjust the resolution.

**Accessing On-Demand Education**

All live sessions will be recorded and added to the on-demand education library post-event. You will be able to access the content by clicking on the On-Demand Education tile on the main page.
Solutions Expo

Within our Solutions Expo, you have the opportunity to chat with company representatives, read up on available resources, and explore the latest products in our Product Showcase.

Don’t miss out on our Passport-to-Prizes giveaway by visiting participating booths throughout the live event!

Participating in Symposium Sessions and SIG Week

Joining the Video Chat Room
The Video Chat in the Annual Meeting platform is Zoom and will be used for interactive sessions within the meeting. From the schedule viewer, you can click the button to Join Video Chat. Please be sure either your webcam, microphone, or both, are on and functional.

Participating in a Symposium Sessions and SIG Week Meeting
The Symposia Sessions and SIG Meetings for the Virtual Annual Meeting will be hosted in a Zoom meeting.

• Login to the Annual Meeting Website at https://www.eventscribe.com/2021/ANM21/.
• From the Schedule link, click on the session you want to attend.
• A pop up with the meeting information will appear.
• Click the button to Join Session. This will open a Zoom Meeting link.
• DO NOT SHARE THIS LINK, you must be registered for the Annual Meeting to attend all sessions.
• Participation is expected in the Symposia Sessions. Be sure your webcam and microphone are both on and functional.
Access to the Solutions Expo

Anyone can access the Expo whether registered to attend the Annual Meeting or not. If you are registered to attend, log-in and click the Solutions Expo tile on the main page or utilize the left-hand navigation bar.

If you are not already registered for the Annual Meeting, you will need to create a free, basic account to interact with our exhibitors in the Solutions Expo. This will not give you access to any educational content. To create an account, click on the login button on the top right of the screen.

Then click Sign Up for Basic Account below the Registered Attendees login page. You will be prompted to create an account following the on-screen guide.

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At Shriners Hospitals for Children®, we provide specialized care to children with orthopaedic conditions, burns, spinal cord injuries, and cleft lip and palate. Our three-part mission has one goal: to change and improve lives. We do this by caring for our patients, helping educate health care professionals and conducting research.

To learn more about Shriners Hospitals for Children, please visit shrinershospitalsforchildren.org, or call 800-237-5055.
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