DOING MORE

The ABA has come a long way in the past few years. Our focus has been on our mission and ensuring we are doing more of the right thing for our patients and our members.

DOING MORE
to create educational programs & online learning

DOING MORE
for research with writing workshops

DOING MORE
to improve quality and certification

DOING MORE
with prevention efforts
BOARD OF TRUSTEES

PRESIDENT
William G. Cioffi, Jr., MD, FACS
Rhode Island Hospital
Providence, RI

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William L. Hickerson, MD, FACS
Firefighters’ Regional Burn Center
Memphis, TN

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Iowa City, IA

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Bethesda, MD

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Sunnybrook Health Sciences Centre
Toronto, ON, Canada

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US Army
San Antonio, TX

MEMBERSHIP OFFICERS
Vincent A. Gabriel, MD, MSc, FRCP(C)
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Calgary, AB, Canada

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Private Practice Therapist
Allentown, PA

Lisa Forbes, MSc, OT Reg(MB), BT-C
Winnipeg Health Sciences Centre
Winnipeg, MT, Canada

Jody M. Rood, RN, BSN
Regions Hospital Burn Center
St. Paul, MN

PAST PRESIDENTS

Steven E. Wolf, MD, FACS
University of Texas Medical Branch
Galveston, TX

Linwood R. Haith, MD, FACS, FCCM
The Nathan Speare Regional Burn Treatment Center
Crozer-Chester Medical Center
Upland, PA

Michael D. Peck, MD, ScD, FACS
Arizona Burn Center
Phoenix, AZ

FUTURE ABA MEETINGS

Chicago, IL        April 6–9, 2021
Las Vegas, NV      April 5–8, 2022
Dallas, TX         May 16–19, 2023
Chicago, IL        April 9–12, 2024
PAST PRESIDENTS

1969  Curtis P. Artz, MD*
1970  Boyd W. Haynes Jr., MD, FACS*
1971  John A. Moncrief, MD*
1972  Robert M. McCormack, MD, FACS*
1973  Charles R. Baxter, MD, FACS*
1974  Bruce G. Macmillan, MD*
1975  John A. Boswick Jr., MD, FACS*
1976  Basil A. Pruitt Jr., MD, FACS
1977  William W. Monafo Jr., MD, FACS*
1978  Alan R. Dimick, MD, FACS
1979  Duane L. Larson, MD, FACS*
1980  Arthur D. Mason Jr., MD*
1981  Charles E. Hartford, MD, FACS
1982  John F. Burke, MD, FACS*
1983  Francis C. Nance, MD, FACS
1984  P. William Curreri, MD, FACS
1985  J. Wesley Alexander, MD, ScD, FACS*
1986  Martin C. Robson, MD, FACS
1987  Joseph A. Moylan, MD, FACS*
1988  David M. Heimbach, MD, FACS*
1989  C. Gillon Ward, MD, FACS
1990  Thomas L. Wachtel, MD, FACS*
1991  Fred T. Caldwell Jr., MD, FACS*
1992  Roger E. Salisbury, MD, FACS
1993  Glenn D. Warden, MD, FACS
1994  David N. Herndon, MD, FACS
1995  Robert H. Demling, MD, FACS
1996  Andrew M. Munster, MD, FRCS, FACS*
1997  William F. McManus, MD, FACS*
1998  Edwin A. Deitch, MD, FACS
1999  Cleon W. Goodwin, MD, FACS
2000  John L. Hunt, MD, FACS
2001  Ronald G. Tompkins, MD, ScD, FACS
2002  Jeffrey R. Saffle, MD, FACS
2003  Marion H. Jordan, MD, FACS*
2004  Lynn D. Solem, MD, FACS
2005  Richard L. Gamelli, MD, FACS
2006  Gary F. Purdue, MD, FACS*
2007  David G. Greenhalgh, MD, FACS
2008  Richard J. Kagan, MD, FACS
2009  G. Patrick Kealey, MD, FACS
2010  Robert L. Sheridan, MD, FACS
2011  Sidney F. Miller, MD, FACS*
2012  Nicole S. Gibran, MD, FACS
2013  Tina L. Palmieri, MD, FACS, FCCM
2014  Palmer Q. Bessey, MD, FACS, MS
2015  David A. Ahrenholz, MD, FACS
2016  Edward E. Tredget, MD, MSc, FRCS(c)
2017  Michael D. Peck, MD, ScD, FACS
2018  Linwood R. Haith, MD, FACS, FCCM
2019  Steven E. Wolf, MD, FACS

*Deceased
### PAST MEMBERSHIP OFFICERS (BOARD OF TRUSTEES)

<table>
<thead>
<tr>
<th>Years</th>
<th>Name</th>
<th>Years</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1975–1977</td>
<td>Elizabeth Sheehy, RN, MEd</td>
<td>1997–2000</td>
<td>Jane Shelby, PhD</td>
</tr>
<tr>
<td>1980–1982</td>
<td>Peter A. Brigham, MSW*</td>
<td>2000–2004</td>
<td>Michele Gottschlich, PhD, RD</td>
</tr>
<tr>
<td>1983–1985</td>
<td>Elizabeth A. Bayley, RN, PhD</td>
<td>2003–2007</td>
<td>Patricia W. Gillespie, RN, MS</td>
</tr>
<tr>
<td>1986–1988</td>
<td>Beth Helvig, RN, MS, CETN</td>
<td>2006–2010</td>
<td>Mary Jo Baryza, PT, MS, PCS</td>
</tr>
</tbody>
</table>

### PAST 2ND VICE PRESIDENTS (BOARD OF TRUSTEES)

<table>
<thead>
<tr>
<th>Years</th>
<th>Name</th>
<th>Years</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990–1991</td>
<td>Carlos Blanco, MD</td>
<td>2000–2002</td>
<td>Daniel L. Traber, PhD*</td>
</tr>
<tr>
<td>1997–1998</td>
<td>John P. Remensnyder, MD, FACS*</td>
<td>2014–2017</td>
<td>Ernest J. Grant, RN, BSN, MSN, PhD, FAAN</td>
</tr>
</tbody>
</table>

*Deceased
GENERAL INFORMATION

2020 ANNUAL MEETING HIGHLIGHTS

• Enjoy the large volume and breadth in education forum offerings with content across three days aimed at all subspecialties—39 sessions covering medical/critical care, surgery, psychosocial, reintegration and aftercare, translational sciences, rehabilitation, nursing, mass casualty planning, ethics, QI, and more!

• Hear from inspirational keynote speaker, burn survivor John O’Leary at the Presidential Plenary on Thursday at 8:00 am as well as an update on the National Trauma Research Action Plan.

• Plenary Session: Burn Wildfire Disaster Response: Views Through Different Lenses—Wednesday 4:15 pm.

• Friday—Seven lunch sessions, covering broad topics including: global outreach, nutrition, certification, verification, and prevention.

• Special SIG educational sessions with guest speakers and CEUs: 10 SIG meetings will be offering CEUs for attendees.

• New Member and First Time Attendee Welcome Breakfast—Wednesday at 7:00 am.

• ABA Business Meeting: Learn about the many exciting changes in the ABA—Friday at 4:15 pm; All ABA Members are invited to attend.

NEW THIS YEAR

• Video Session: How I Do It—view and discuss multidisciplinary video from surgery, to nursing, to pressure garment fitting, to airway management and beyond—Thursday at 4:15 pm.

• Point of Care Ultrasound (POCUS) in Burn Care Course—new pre-conference program.

• New mobile app with more features and easier to use. All the information you need at your fingertips.

• Local Burn Center Tour—This year there will be multiple tours throughout the day on Tuesday. A bus will leave the Gaylord every 30 minutes starting at 10:00 am. The last bus will leave at 1:30 pm.

• Closing Celebration & After Party—New format! This year’s theme is ACROSS THE SEVEN SEAS! Prizes will be awarded for the best team and individual costumes. The fun closing celebration will be held on the lawn, then join us afterwards indoors for a DJ and more dancing at the After Party!

EXHIBIT HALL HOURS

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, March 17</td>
<td>3:00 pm–7:00 pm</td>
</tr>
<tr>
<td></td>
<td>5:00 pm–7:00 pm</td>
</tr>
<tr>
<td>Wednesday, March 18</td>
<td>9:30 am–7:00 pm</td>
</tr>
<tr>
<td>Thursday, March 19</td>
<td>9:30 am–2:00 pm</td>
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</table>

REGISTRATION HOURS

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>Sunday, March 15</td>
<td>4:00 pm–6:00 pm</td>
</tr>
<tr>
<td>Monday, March 16</td>
<td>7:00 am–6:00 pm</td>
</tr>
<tr>
<td>Tuesday, March 17</td>
<td>7:00 am–6:00 pm</td>
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<tr>
<td>Wednesday, March 18</td>
<td>6:00 am–6:00 pm</td>
</tr>
<tr>
<td>Thursday, March 19</td>
<td>6:00 am–4:30 pm</td>
</tr>
<tr>
<td>Friday, March 20</td>
<td>7:00 am–4:30 pm</td>
</tr>
</tbody>
</table>

SPEAKER READY ROOM

The Speaker Ready Room is located in Sanibel 2. All presenters must visit the room and upload their presentations to the AV system at least the day before the presentation is to be made. Please make sure your presentation is in its final form as once it is uploaded, no changes can be made.

Please do not bring your computer into your session.

The Speaker Ready Room will be open during the following hours and staffed with a technician to assist with any questions.

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, March 17</td>
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<td>Friday, March 20</td>
<td>7:00 am–2:00 pm</td>
</tr>
</tbody>
</table>

ABA MOBILE APP

Download the ABA Mobile App to view all session information, abstracts, speakers, authors and room locations. Search American Burn Association in the app store to download.

The password is: ABA2020
TYPES OF SESSIONS

Correlatives
The Correlative Sessions showcase new, cutting-edge research on clinical management, basic science and other burn care issues through multiple short presentations by investigators of accepted abstracts. These presentations are followed by a question and answer period allowing for an exchange of ideas and additional learning. Abstracts are grouped by topic with sessions running concurrently.

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.

Plenary Sessions
The Plenary Sessions provide opportunities for all attendees to learn about topics of interest to the multi-disciplinary team of burn care professionals.

Educational Forums
Concurrently running sessions that provide more in depth education on specific topics. These may have target audiences or be multi-disciplinary in focus. Any attendees with interest in the topic are welcome to attend.

Symposia
The Symposia are small group interactive sessions to allow peer learning. Moderators are instructed to come prepared to introduce at least four problems areas and to facilitate discussion around solutions. Participants should come prepared to participate with their own burn unit practice successes, failures and questions. Symposia are limited to 50 attendees and are seated on a first-come, first-served basis, so get there early if you want to attend. Light breakfast and coffee are included with Symposia.

Objectives:
• Discuss important issues within the burn field.
• Identify practice successes, failures and questions related to your burn unit.

Poster Rounds
Poster Rounds provide an opportunity to explore a topic in-depth with a small group of researchers facilitated by experts in the field. Each researcher in the topic area will briefly present their work for the group.

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.

CE CREDIT INFORMATION
Contact hours are awarded after verification of an individual’s full attendance and successful completion of an online evaluation form. Please see specific educational activities for details on CE hours and accreditation status.

The American Burn Association is Accredited by the following organizations:

Physician Credit (CME)
The American Burn Association is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The American Burn Association takes responsibility for the content, quality, and scientific integrity of this CME activity.

The American Burn Association designates this live activity for a maximum of 41.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nursing Credit (CNE)
American Burn Association is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

The American Burn Association designates this live activity for a maximum of 41.75 CNE contact hours. Nurses should only claim credit commensurate with the extent of their participation in the activity.

Other Organizations
This program has been approved for 37 total hours of CPEUs by the Commission on Dietetic Registration.

The American Burn Association is authorized to assign 1.917 AOTA CEUs for this course. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by the AOTA.

This program has been Approved by the National Association of Social Workers (Approval #886775310-2652) for 9 continuing education contact hours.

This conference is approved for 35 hours of continuing education. The APA Division 22 (Rehabilitation Psychology) is approved by the American Psychological Association to sponsor continuing education for psychologists. The APA Division 22 maintains responsibility for the program and its content. For more information about Division 22 or to inquire about membership, please visit www.div22.org.

This program has been submitted to the following organizations for approval to award contact hours:
• Florida Board of Physical Therapy Practice

OBTAINING CE CREDIT
CE credit is awarded based on participation in the learning activities. CME credits can be claimed online at https://www.cteus.com/amburn_ceu. Credit is calculated on a quarter hour basis.
COMMITTEE MEETINGS

Committees support the mission of the ABA. In 2020, newly appointed committee members are invited to attend and observe the meetings. For a list of the 2019–2020 Committee members visit www.ameriburn.org.

**MONDAY, MARCH 16**

<table>
<thead>
<tr>
<th>Committee</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burn Therapist Certification Committee</td>
<td>9:00 am–12:00 pm</td>
<td>Sarasota 1</td>
</tr>
<tr>
<td>Nursing Certification Committee</td>
<td>9:00 am–12:00 pm</td>
<td>Sarasota 2</td>
</tr>
<tr>
<td>Burn Science Advisory Panel</td>
<td>9:00 am–12:00 pm</td>
<td>Tampa 2</td>
</tr>
<tr>
<td>Burn Prevention Committee</td>
<td>9:00 am–2:00 pm</td>
<td>Osceola 4</td>
</tr>
<tr>
<td>International Outreach Committee</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 3</td>
</tr>
<tr>
<td>Research Committee</td>
<td>12:00 pm–2:00 pm</td>
<td>Tampa 3</td>
</tr>
<tr>
<td>Membership Advisory Committee</td>
<td>12:00 pm–4:00 pm</td>
<td>Osceola 2</td>
</tr>
<tr>
<td>Ad Hoc Reconstruction Committee</td>
<td>1:00 pm–3:00 pm</td>
<td>Osceola 6</td>
</tr>
<tr>
<td>Quality &amp; Burn Registry Committee</td>
<td>1:00 pm–3:00 pm</td>
<td>Osceola 3</td>
</tr>
<tr>
<td>ABLS Committee</td>
<td>1:00 pm–3:00 pm</td>
<td>Sarasota 2</td>
</tr>
<tr>
<td>Elderly Care Committee</td>
<td>1:00 pm–3:30 pm</td>
<td>Sarasota 1</td>
</tr>
<tr>
<td>Organization &amp; Delivery of Burn Care Committee</td>
<td>1:00 pm–4:00 pm</td>
<td>Osceola 1</td>
</tr>
<tr>
<td>Rehabilitation Committee</td>
<td>2:00 pm–4:00 pm</td>
<td>Sarasota 3</td>
</tr>
<tr>
<td>Government Affairs Committee</td>
<td>2:00 pm–4:00 pm</td>
<td>Tampa 2</td>
</tr>
<tr>
<td>Ethical Issues Committee</td>
<td>3:00 pm–4:00 pm</td>
<td>Sarasota 2</td>
</tr>
<tr>
<td>EHR Ad Hoc Committee</td>
<td>3:00 pm–4:30 pm</td>
<td>Osceola 6</td>
</tr>
<tr>
<td>Aftercare Reintegration Committee</td>
<td>3:00 pm–5:00 pm</td>
<td>Osceola 4</td>
</tr>
<tr>
<td>Verification Committee</td>
<td>3:00 pm–6:00 pm</td>
<td>Osceola 3</td>
</tr>
<tr>
<td>Education Committee</td>
<td>4:00 pm–5:30 pm</td>
<td>Tampa 3</td>
</tr>
</tbody>
</table>

**TUESDAY, MARCH 17**

<table>
<thead>
<tr>
<th>Committee</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board of Trustees Meeting</td>
<td>8:00 am–2:30 pm</td>
<td>Tampa 1</td>
</tr>
<tr>
<td>Archives Committee</td>
<td>3:30 pm–5:00 pm</td>
<td>Osceola 6</td>
</tr>
</tbody>
</table>

**THURSDAY, MARCH 19**

<table>
<thead>
<tr>
<th>Committee</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>JBCR Editorial Meeting</td>
<td>12:15 pm–1:45 pm</td>
<td>Naples 1</td>
</tr>
</tbody>
</table>
SIG meetings provide an opportunity for the exchange of ideas, networking with colleagues, and information sharing. SIG meetings are included in your registration and all ABA meeting participants are encouraged to attend. For SIG descriptions, visit www.ameriburn.org.

### MONDAY, MARCH 16

<table>
<thead>
<tr>
<th>SIG Meeting</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burn Foundation SIG: Who’s Next in Line? Succession Planning for Burn Foundations and Burn Care Professionals</td>
<td>6:00 pm–8:00 pm</td>
<td>Naples</td>
</tr>
<tr>
<td>Canadian SIG</td>
<td>6:00 pm–11:00 pm</td>
<td>Miami</td>
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</table>

### TUESDAY, MARCH 17

<table>
<thead>
<tr>
<th>SIG Meeting</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT/PT SIG: Acute Phase Burn Rehabilitation: Keys to Successful Early Interventions</td>
<td>7:30 am–12:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>Reconstructive SIG</td>
<td>7:30 am–11:00 am</td>
<td>Osceola 1-2</td>
</tr>
<tr>
<td>Nutrition SIG</td>
<td>8:00 am–10:00 am</td>
<td>Osceola 5</td>
</tr>
<tr>
<td>Nursing SIG</td>
<td>8:00 am–10:00 am</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Burn Camp SIG</td>
<td>8:00 am–10:00 am</td>
<td>Osceola 4</td>
</tr>
<tr>
<td>Research SIG: Current Models in Burn Research: Pros and Cons</td>
<td>8:00 am–10:00 am</td>
<td>Osceola 6</td>
</tr>
<tr>
<td>Pediatric SIG: Challenges in Managing Complex Pediatric Burns</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Quality Burn Registry SIG</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 6</td>
</tr>
<tr>
<td>Burn Prevention/Epidemiology SIG: Fire and Burn Safety in the Aging Population</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 4</td>
</tr>
<tr>
<td>Pharmacy SIG</td>
<td>10:00 am–1:00 pm</td>
<td>Osceola 5</td>
</tr>
<tr>
<td>Burn Survivor and Reintegration/Psychosocial SIG: Trauma Informed Assessments with Adolescents; Suicide Assessments, Treatment and Reintegration for Adolescents</td>
<td>11:00 am–1:00 pm</td>
<td>Osceola 1-2</td>
</tr>
<tr>
<td>Disaster SIG</td>
<td>12:00 pm–2:00 pm</td>
<td>Osceola 3</td>
</tr>
<tr>
<td>Fire Fighters SIG: Grant Opportunities</td>
<td>12:00 pm–5:00 pm</td>
<td>Osceola 4</td>
</tr>
<tr>
<td>Fluid Resuscitation SIG</td>
<td>1:00 pm–3:00 pm</td>
<td>Osceola 1-2</td>
</tr>
<tr>
<td>Bioengineering/Biophysics SIG: Bioengineering and Commercialization</td>
<td>1:00 pm–3:00 pm</td>
<td>Tampa 2</td>
</tr>
<tr>
<td>APRN/PA SIG: The Role of the APRN/PA During Burn Mass Casualty Incident</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola 3</td>
</tr>
<tr>
<td>Anesthesiology/Respiratory SIG</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola 5</td>
</tr>
<tr>
<td>Elderly SIG: Long-term Outcomes of Elderly</td>
<td>3:00 pm–5:00 pm</td>
<td>Tampa 2</td>
</tr>
<tr>
<td>Burn Physicians SIG</td>
<td>3:00 pm–6:00 pm</td>
<td>Tampa 3</td>
</tr>
</tbody>
</table>
The Richard M. Fairbanks Burn Center at Eskenazi Health combines intensive patient-centered care with the most advanced medical techniques and equipment available. It is verified by the American Burn Association and the American College of Surgeons and is the only verified adult burn center in Indiana.

www.EskenaziHealth.edu
# Program Overview

## Monday, March 16
- **7:30 am–5:00 pm** ABLS Course
- **7:30 am–5:00 pm** Acute Burn Care Course
- **9:00 am–6:00 pm** Committee Meetings
- **6:00 pm–11:00 pm** SIG Meetings

## Tuesday, March 17
- **7:30 am–4:00 pm** ABLS Instructor Course
- **7:30 am–5:00 pm** Point of Care Ultrasound Course **New!**
- **7:30 am–5:00 pm** SIG Meetings
- **8:00 am–2:30 pm** Board of Trustees Meeting
- **10:00 am–1:30 pm** Burn Center Tours
- **12:00 pm–1:30 pm** Board & Committee Chair Luncheon
- **1:00 pm–5:00 pm** Burn Center Leadership Boot Camp
- **1:00 pm–5:00 pm** Fundamentals of Burn Care Course
- **4:15 pm–5:45 pm** ABuRN Town Hall
- **5:00 pm–7:00 pm** Opening Reception in the Exhibit Hall

## Wednesday, March 18
- **6:30 am–7:45 am** Sunrise Symposia
- **7:00 am–7:45 am** New Member Breakfast
- **8:00 am–9:30 am** Opening Ceremony, Awards & Presidential Address
- **9:30 am–10:00 am** Break with Exhibitors
- **10:00 am–12:00 pm** Correlatives & Educational Forums
- **12:00 pm–2:00 pm** Lunch in the Exhibit Hall
- **12:30 pm–1:30 pm** Poster Rounds
- **2:00 pm–4:00 pm** Educational Forums
- **4:15 pm–5:00 pm** Plenary Session: Burn Wildfire Disaster Response: Views Through Different Lenses
- **5:00 pm–7:00 pm** Reception in Exhibit Hall
- **7:00 pm** Sponsored Symposium: Pioneering Innovative Treatments for Burn Patients with Purion® Processed Placental Allografts
- **7:00 pm** Sponsored Symposium: A New Decade of Laser Scar Revision

## Thursday, March 19
- **6:30 am–7:45 am** Sunrise Symposia
- **8:00 am–9:30 am** Presidential Plenary Session
- **9:30 am–10:00 am** Break with Exhibitors
- **10:00 am–12:00 pm** Correlatives & Educational Forums
- **12:00 pm–2:00 pm** Lunch in the Exhibit Hall
- **12:30 pm–1:30 pm** Poster Rounds
- **2:00 pm–4:00 pm** Educational Forums
- **4:15 pm–5:30 pm** Changing Places
- **4:15 pm–6:00 pm** Video Session **New!**
- **6:00 pm–7:30 pm** Sponsored Symposium: RECELL® Advanced Techniques

## Friday, March 20
- **6:30 am–7:45 am** Top 3 Sunrise Symposia
- **6:30 am–7:45 am** Burn Fellowship Breakfast
- **8:00 am–9:30 am** Plenary Session: Top 5 Abstracts
- **10:00 am–12:00 pm** Correlatives
- **10:00 am–12:00 pm** Best in Category Posters
- **12:15 pm–1:45 pm** Educational Forums with Lunch
- **2:00 pm–4:00 pm** Educational Forums
- **4:15 pm–5:00 pm** Business Meeting
- **7:00 pm–10:00 pm** Closing Celebration
- **10:00 pm–12:00 am** “After Party”
# DETAILED PROGRAM SCHEDULE

## MONDAY, MARCH 16

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABLS Course</td>
<td>7:30 am–5:00 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>ABC: Acute Burn Care Course</td>
<td>7:30 am–5:00 pm</td>
<td>Naples</td>
</tr>
<tr>
<td>Committee Meetings</td>
<td>9:00 am–6:00 pm</td>
<td>See page 6.</td>
</tr>
<tr>
<td>SIG Meetings</td>
<td>6:00 pm–11:00 pm</td>
<td>See page 7.</td>
</tr>
</tbody>
</table>

## TUESDAY, MARCH 17

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABLS Instructor Course</td>
<td>7:30 am–4:00 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>Point of Care Ultrasound in Burn Care Course</td>
<td>7:30 am–5:00 pm</td>
<td>Naples</td>
</tr>
<tr>
<td>SIG Meetings</td>
<td>7:30 am–5:00 pm</td>
<td>See page 7.</td>
</tr>
<tr>
<td>Burn Center Tours</td>
<td>10:00 am–1:30 pm</td>
<td>Transportation Lobby</td>
</tr>
<tr>
<td>Board and Committee Chair Luncheon</td>
<td>12:00 pm–1:30 pm</td>
<td>Sarasota</td>
</tr>
<tr>
<td>Fundamentals of Burn Care: Critical Care</td>
<td>1:00 pm–5:00 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Burn Center Leadership Boot Camp</td>
<td>1:00 pm–5:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>ABuRN Multi-center Burn Research Town Hall</td>
<td>4:15 pm–5:45 pm</td>
<td>Osceola 1-2</td>
</tr>
<tr>
<td>Opening Reception &amp; Networking in the Exhibit Hall</td>
<td>5:00 pm–7:00 pm</td>
<td>Exhibit Hall EF</td>
</tr>
</tbody>
</table>

## WEDNESDAY, MARCH 18

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunrise Symposia</td>
<td>6:30 am–7:45 am</td>
<td>See page 19.</td>
</tr>
<tr>
<td>New Member/First Time Attendee Breakfast</td>
<td>7:00 am–7:45 pm</td>
<td>Orange Blossom Ballroom</td>
</tr>
<tr>
<td>Opening Ceremony &amp; Presidential Address</td>
<td>8:00 am–9:30 am</td>
<td>Osceola CD</td>
</tr>
<tr>
<td>Correlative I - Clinical Sciences: Critical Care 1</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>Correlative II - Clinical Sciences: Nutrition and Metabolism</td>
<td>10:00 am–12:00 pm</td>
<td>Sarasota</td>
</tr>
<tr>
<td>Correlative III - Public Health/Epidemiology 1</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Correlative IV - Psychological and Psychosocial</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 4-6</td>
</tr>
<tr>
<td>Correlative V - Nursing</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Fire Fighter I Session: Energy Storage Systems</td>
<td>10:00 am–12:00 pm</td>
<td>Orange Blossom Ballroom</td>
</tr>
<tr>
<td>Rehabilitation Workshop: Providing Therapy in the Critical Care Setting – How Do We Do It and What Has Changed?</td>
<td>10:00 am–12:00 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>Lunch in the Exhibit Hall</td>
<td>12:00 pm–2:00 pm</td>
<td>Exhibit Hall EF</td>
</tr>
<tr>
<td>Poster Rounds 1</td>
<td>12:30 pm–1:30 pm</td>
<td>Exhibit Hall EF</td>
</tr>
<tr>
<td>Forget Naughty, We are Going to Get N(a)STI: Part 1</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Burn Reconstruction</td>
<td>2:00 pm–4:00 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>Ask the Masters: A Case Based Discussion of Decision Making in Combined Thermal and Mechanical Trauma</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola 4-6</td>
</tr>
<tr>
<td>What the Burn Provider Needs to Know About Sepsis:</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Current Literature, Special Considerations, Case Discussions and Future Directions</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>Vascular Endothelial Dysfunction in Thermal Injury</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola A</td>
</tr>
</tbody>
</table>
### Becoming an Expert Burn Therapist - Learning to Enhance Your Professional Reasoning and Clinical Decision Making Through Complex and Comprehensive Rehabilitation Case Management
2:00 pm–4:00 pm
Orange Blossom Ballroom

### Working with Self-inflicted Burn Patients and Families at the Burn Center
2:00 pm–4:00 pm
Sarasota

### Burn Wildfire Disaster Response: Views Through Different Lenses
4:15 pm–5:30 pm
Osceola CD

### Wine & Cheese Reception with Exhibitors
5:30 pm–7:00 pm
Exhibit Hall EF

### Sponsored Symposium: Pioneering Innovative Treatments for Burn Patients with Purion® Processed Placental Allografts
7:00 pm
Osceola A

### Sponsored Symposium: A New Decade of Laser Scar Revision
7:00 pm
Osceola B

### THURSDAY, MARCH 19

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunrise Symposia</td>
<td>6:30 am–7:45 am</td>
<td>See page 27.</td>
</tr>
<tr>
<td>Presidential Plenary - John O’Leary and Update on NTRAP</td>
<td>8:00 am–9:30 am</td>
<td>Osceola CD</td>
</tr>
<tr>
<td>Correlative VI - Translational Sciences: Critical Care and Metabolism</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>Correlative VII - Clinical Sciences: Wounds and Scars 1</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Correlative VIII - Prevention</td>
<td>10:00 am–12:00 pm</td>
<td>Sarasota</td>
</tr>
<tr>
<td>Correlative IX - Quality Improvement</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Correlative X - Rehabilitation</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 4-6</td>
</tr>
<tr>
<td>Fire Fighter II Session: Sleep, Work, and Health</td>
<td>10:00 am–12:00 pm</td>
<td>Orange Blossom Ballroom</td>
</tr>
<tr>
<td>Ethics Workshop: Beyond the Basics of Bioethics</td>
<td>10:00 am–12:00 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>Lunch in the Exhibit Hall</td>
<td>12:00 pm–2:00 pm</td>
<td>Exhibit Hall EF</td>
</tr>
<tr>
<td>Poster Rounds 2</td>
<td>12:30 pm–1:30 pm</td>
<td>Exhibit Hall EF</td>
</tr>
<tr>
<td>Forget Naughty, We are Going to Get N(a)STI: Part 2</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>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</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>Bubbles and Bandages: Trauma-Informed Practice and Pediatric Psychosocial Care in the Burn Center</td>
<td>2:00 pm–4:00 pm</td>
<td>Sarasota</td>
</tr>
<tr>
<td>Scope - Standards - Certification: What's New in Burn Nursing</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola 4-6</td>
</tr>
<tr>
<td>Utilizing Community Partnerships for Better Burn Care Outcomes: Working with the Fire Service, Burn Foundations, Burn Survivors, and Other Community Partners</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Operation Minute's Notice: Hot Wash Assistant Secretary of Preparedness Response (ASPR) Regional Disaster Health Response System Pilot Disaster Exercise: Challenges in Burn Disaster Preparedness</td>
<td>2:00 pm–4:00 pm</td>
<td>Orange Blossom Ballroom</td>
</tr>
<tr>
<td>When and How to Splint the Pediatric Burned Hand</td>
<td>2:00 pm–4:00 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>The Year in Review: The Top Journal Publications</td>
<td>4:15 pm–5:30 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Changing Places</td>
<td>4:15 pm–5:30 pm</td>
<td>Osceola 4-6</td>
</tr>
<tr>
<td>Video Session: Burn Care: How I Do It</td>
<td>4:15 pm–6:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>Sponsored Symposium: RECELL® Advanced Techniques</td>
<td>6:00 pm–7:30 pm</td>
<td>Osceola B</td>
</tr>
</tbody>
</table>
## Detailed Program Schedule

### FRIDAY, MARCH 20

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top 3 Sunrise Symposia Repeated</td>
<td>6:30 am–7:45 am</td>
<td>See page 34.</td>
</tr>
<tr>
<td>Burn Fellowship Breakfast</td>
<td>6:30 am–7:45 am</td>
<td>Osceola 4</td>
</tr>
<tr>
<td>Top 5 Abstracts</td>
<td>8:00 am–9:30 am</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Correlative XI - Clinical Sciences: Critical Care 2</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>Correlative XII - Clinical Sciences: Wounds and Scars 2</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Correlative XIII - Public Health/Epidemiology 2</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Correlative XIV - Reconstruction</td>
<td>10:00 am–12:00 pm</td>
<td>Osceola 4-6</td>
</tr>
<tr>
<td>Correlative XV - Translational Sciences: Wounds and Scars</td>
<td>10:00 am–12:00 pm</td>
<td>Orange Blossom Ballroom</td>
</tr>
<tr>
<td>Correlative XVI - Pain and Pruritis</td>
<td>10:00 am–12:00 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>Best in Category Posters</td>
<td>10:00 am–12:00 pm</td>
<td>Sarasota</td>
</tr>
<tr>
<td>Verification Review Committee Update: The Why, How and What of Verification</td>
<td>12:15 pm–1:45 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>ABA Global Health Committee Focus: Update on Burn Care in the Americas</td>
<td>12:15 pm–1:45 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Lessons Learned from Mass Casualty Drills - Local Opportunities for Engaging the Medical Community</td>
<td>12:15 pm–1:45 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>The Use and Value of Health Economics in Burn Care</td>
<td>12:15 pm–1:45 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>Burn Therapist Certification: Program Update, Tips for Success and Discussion with BT-C Certified Therapists</td>
<td>12:15 pm–1:45 pm</td>
<td>Orange Blossom Ballroom</td>
</tr>
<tr>
<td>Monitoring Nutrition in Burn Patients</td>
<td>12:15 pm–1:45 pm</td>
<td>Osceola 4-6</td>
</tr>
<tr>
<td>Outcome Measures: Current Trends and Applications in Burn Care</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola B</td>
</tr>
<tr>
<td>It’s Not All About the Patient, What About the Staff? Part III</td>
<td>2:00 pm–4:00 pm</td>
<td>Miami</td>
</tr>
<tr>
<td>MAC Forum: Effective Meeting Strategies for Burn Rounds</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola 4-6</td>
</tr>
<tr>
<td>Controversies in Modern Burn Care: The Pro/Con Debates</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Survivorship in Discharge and Aftercare Planning: Engaging Families and Burn Survivors as Burn Team Members</td>
<td>2:00 pm–4:00 pm</td>
<td>Orange Blossom Ballroom</td>
</tr>
<tr>
<td>Implementing Quality Improvement in the Burn Centre: A Symphony in Five Parts</td>
<td>2:00 pm–4:00 pm</td>
<td>Osceola A</td>
</tr>
<tr>
<td>Haunting Ethical Cases: Application of Ethical Principles</td>
<td>2:00 pm–4:00 pm</td>
<td>Sarasota</td>
</tr>
<tr>
<td>Business Meeting</td>
<td>4:15 pm–5:00 pm</td>
<td>Osceola 1-3</td>
</tr>
<tr>
<td>Closing Celebration</td>
<td>7:00 pm–10:00 pm</td>
<td>Coquina Lawn</td>
</tr>
<tr>
<td>After Party</td>
<td>10:00 pm–Midnight</td>
<td>Hall E</td>
</tr>
</tbody>
</table>
COMMITTEE MEETINGS
See page 6.

SIG MEETINGS
See page 7.

COURSES

ABLS COURSE | CS-001
7:30 am–5:00 pm | Miami
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.
As a result of attending this activity, the learner should be able to:
• Evaluate a patient with a serious burn.
• Define the magnitude and severity of the injury.
• Identify and establish priorities of treatment.
• Manage the airway and support ventilation.

ABC: ACUTE BURN CARE COURSE | CS-002
7:30 am–5:00 pm | Naples
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.
As a result of attending this activity, the learner should be able to:
• Assess and apply basic wound dressing skills.
• Define common causes of failed resuscitation in burn care.
• Perform an escharotomy and basic wound care on a burn simulator.
CLOSING CELEBRATION
Across the Seven Seas

FRIDAY, MARCH 20 | 7:00 PM–11:00 PM | COQUINA LAWN
Celebrate the close of the 52nd ABA Annual Meeting with old friends and new! Calling all captains, mermaids, pirates, and sea life! Celebrate smooth sailing through this year’s Annual Meeting with our Across the Seven Seas closing celebration. Enjoy the oceanic atmosphere of the Gaylord Palms and try the signature celebration cocktail dressed in your best-sea inspired attire.

New! Prizes will be awarded to the best individual and team costumes.

CLOSING CELEBRATION
After Party

FRIDAY, MARCH 20 | 10:00 PM–MIDNIGHT | HALL E
We’ll be under the stars until 10:00 pm, but then we have to turn down the music outside… So instead join us indoors for the After Party! Keep the dancing going with a live DJ and private bar set up just for ABA attendees. Late night snacks will be served and the fun will continue!
SIG MEETINGS
See page 7.

COURSES

ABLS INSTRUCTOR COURSE | CS-003
7:30 am–4:00 pm | Miami
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/abls for all of the requirements to become an ABLS instructor.

As a result of attending this activity, the learner should be able to:

• Define teaching and learning.
• Explain the relationship of the definitions of teaching and learning to a philosophy of teaching.
• Describe four teaching strategies and their application to the instructional sessions included in the ABLS Course.
• Describe three components of the lecture.

POINT OF CARE ULTRASOUND IN BURN CARE COURSE | CS-004
7:30 am–5:00 pm | Naples
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.

EDUCATIONAL FORUMS

FUNDAMENTALS OF BURN CARE: CRITICAL CARE | F-094
1:00 pm–5:00 pm | Osceola B
Course Directors: Anjay Khandelwal, MD; Amy Gloger, MSN, RN, CCRN; Samuel P. Mandell, MD, MPH

Fundamentals of Burn Care: Critical Care is a course specifically intended for the newer burn care provider (< 5 years of experience). The multi-disciplinary course will cover the basics of burn critical care management including resuscitation, hypermetabolic response, ventilator strategies, nutrition, antimicrobial therapy/sepsis and pitfalls in burn critical care. The course will include didactics, breakout sessions, simulations and panel discussion to ensure maximal learning potential.

As a result of attending this activity, the learner should be able to:

• Formulate simple and complex resuscitation plans and goals for burn patients.
• Discuss various management strategies for diminishing the hyper-metabolic response.
• List basic nutritional goals and formulas for burn patients.
• Describe signs and symptoms of sepsis in the burn patient and discuss basic antimicrobial therapy.

1:00 pm–1:05 pm  Course Overview
Amy Gloger, MSN, RN, CCRN

1:05 pm–1:25 pm  Standard Ventilator Techniques Are Best for Burns
Damien W. Carter, MD

1:25 pm–1:45 pm  “Advanced” Ventilator Techniques Are Better in Burns
Callie M. Thompson, MD

1:45 pm–2:00 pm  Panel Discussion

2:00 pm–2:20 pm  Evidence-based Sedation in Burn Patients
Samuel P. Mandell, MD, MPH

2:20 pm–2:40 pm  Sedation at the Bedside, the Nursing Perspective
Emily Snyder

2:40 pm–2:50 pm  Panel Discussion

2:50 pm–3:00 pm  Break

3:00 pm–4:20 pm  Fluid Resuscitation Small Group Simulations
Chiaka Akarichi, MD

4:00 pm–5:00 pm  Sepsis Small Group Simulations

1:05 pm–1:25 pm  Standard Ventilator Techniques Are Best for Burns
Damien W. Carter, MD

1:25 pm–1:45 pm  “Advanced” Ventilator Techniques Are Better in Burns
Callie M. Thompson, MD

1:45 pm–2:00 pm  Panel Discussion

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2:20 pm–2:40 pm  Sedation at the Bedside, the Nursing Perspective
Emily Snyder

2:40 pm–2:50 pm  Panel Discussion

2:50 pm–3:00 pm  Break

3:00 pm–4:20 pm  Fluid Resuscitation Small Group Simulations
Chiaka Akarichi, MD

4:00 pm–5:00 pm  Sepsis Small Group Simulations

BURN CENTER LEADERSHIP BOOT CAMP | F-095

1:00 pm–5:00 pm  Osceola A
Course Directors: David Harrington, MD; J. Bradley Wiggins, RN, BSN

Running a burn center is not only about taking care of patients but is also about being an administrator, a manager, and a leader. Many practitioners are put in leadership positions in burn centers without sufficient training in team building and leadership. Leadership skills, in all disciplines and on all levels, can increase productivity and effectiveness.

As a result of attending this activity, the learner should be able to:
• Identify and describe teamwork principles.
• Apply leadership and communication skills.
• Describe and apply principles of quality improvement and assessment.

1:00 pm–1:10 pm  Introduction
David T. Harrington, MD; Brad Wiggins, RN, BSN

1:10 pm–1:45 pm  A “How to guide” for Mentorship
Amalia Cochran, MD

1:45 pm–2:20 pm  Pediatric Burn Centers – What Is Soooo Different?
Rajan Thakkar, MD

2:20 pm–3:30 pm  Quality Improvement – Ask the Expert Q&A Panel – For Rehabilitation
Ingrid Parry, MS, PT, BT-C

2:20 pm–3:30 pm  Quality Improvement – Ask the Expert Q&A Panel – For Nursing
Lois Remington, BSN, RN

2:20 pm–3:30 pm  Quality Improvement – Ask the Expert Q&A Panel – For Physicians
Sharmila Dissanaik, MD

3:30 pm–3:35 pm  Stand and Stretch

3:35 pm–4:15 pm  Verification – My Recipe for the Special Verification Sauce
John Kevin Bailey, MD

4:15 pm–4:50 pm  Accommodating Change, New Technology and Innovation
Kristy Gauthier, MSN, RN

4:50 pm–5:00 pm  Wrap-up
David Harrington, MD; Brad Wiggins, RN, BSN

ABuRN MULTI-CENTER BURN RESEARCH TOWN HALL | F-096

4:15 pm–5:45 pm  Osceola 1-2
Course Director: James H. Holmes, IV, MD

The ABuRN Multi-Center Burn Research Town Hall is supported and directed by the ABA Burn Science Advisory Panel (BSAP). It is a forum for all clinical trial researchers and participants in the ABA to learn about current and pending multi-center clinical trials, as well as present potential clinical trial proposals/protocols that are in development.

4:15 pm–4:30 pm  Current Status of ABuRN Clinical Trials
James H. Holmes, IV, MD

4:30 pm–5:15 pm  Presentations of Commencing or Upcoming Clinical Trials

5:15 pm–5:30 pm  New ABuRN Business
James H. Holmes, IV, MD

5:30 pm–5:45 pm  Open Floor Discussion
James H. Holmes, IV, MD
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my.ameriburn.org

Calling Burn Fellows, Residents and Medical Students interested in a career in burns!

**NEW THIS YEAR, THE ABA WILL BE HOSTING A BURN FELLOWSHIP BREAKFAST**

Friday, March 20 | 6:30 am–7:45 am | Osceola 4

Learn about careers in burns and the paths to get you where you want to be. We will discuss fellowships and the ABA’s plans for a verified fellowship program; the benefits of a career as a burn surgeon; and exciting new and emerging technologies in burn care. Plus, a chance to network with others who share your interests and are making the same career decisions, as well as experienced burn surgeons who can talk about their journey.

This event is supported by a grant from Avita.
SUNRISE SYMPOSIA

6:30 am–7:45 am

S-101  Controversies in the Management of Fluid Resuscitation and Electrolyte Disorders in Burn Patients
Moderators: Todd A. Walroth, PharmD, BCPS, BCCCP; Renata Fabia, MD, PhD; Asia N. Quan, PharmD, BCPS, BCCCP
Tampa 1

S-102  Burn Center Nursing & Physician Leadership: How to Build and Nurture Your Dream Team
Moderators: Callie M. Thompson, MD; Alicia Grubbs, MSN, RN, NE-BC; Kelli Yukon, RN, MSN
Tampa 2

S-103  How Do You Engage Adolescent Burn Survivors in an Age of Distractions?
Moderators: Daniel W. Chacon, BA; Kristen C. Quinn, CMHC
Tampa 3

S-104  Spiritual Needs and the Burn Patient: Moving from Disorientation to Reorientation
Moderators: Sandra L. King, MA; Monica L. Gerrek, PhD; Amy Acton, RN, BSN
Naples 1

S-105  Adjunctive Medications for Pain and Sedation for Inpatients, Outpatients and During the Transition from Inpatient to Outpatient Care
Moderators: Allison N. Boyd, PharmD, BCCCP; Samuel P. Mandell, MD, MPH
Naples 2

S-106  The Burn Unit Staffing Roller Coaster - Unique Staffing Challenges
Moderators: Rudi Shlomovitch, BA; Laura Vey, BScN; J. Bradley Wiggins, RN, BSN
Naples 3

S-107  Burn Prevention: Worth Its Weight in Gold
Moderators: Stephanie Campbell, MS, RN, CCRN-K; Karla S. Klas, BSN, RN, CCRN
Destin

S-108  Therapy Dosing and Intervention in the Multidisciplinary Care Environment:
Examining Available Evidence, Practice Standards, and Protocols
Moderators: Derek O. Murray, N/A, PT, BT-C; Brooke Murtaugh, OTD, OTR/L, BT-C
Gainesville

S-109  Troubleshooting Recruitment and Retention Challenges in Burn Research
Moderators: Olivia Stockly, BS; Craig G. Crandall, PhD; Audrey E. Wolfe, MPH; Gabrielle G. Grant, BA
Daytona

S-110  New ABA Verified Burn Fellowship Criteria
Moderators: Steven E. Wolf, MD; Kathleen S. Romanowski, MD; Sebastian Q. Vrouwe, MD
Captiva

S-111  Top Five Challenges in the Care of the Obese Burn Patient
Moderators: Charles Yowler, MD; Amanda P. Bettencourt, PhD, APRN, CCRN-K, ACCNS-P; Jennifer Kennedy, MS, OTRL; David M. Hill, PharmD, BCPS, BCCCP; Audrey O’Neil, DPT
St. George 108

S-112  Special Nutrition and Medication Considerations in the Elderly Burn Patient
Moderators: Kate Pape, PharmD, BCPS, BCCCP; Danielle Toepfer, RD, CNSC; Caran Graves, RD, MS, CNSC
St. George 104
PLENARY

OPENING CEREMONY & PRESIDENTIAL ADDRESS | P-191
8:00 am–9:30 am | Osceola CD
Presented by: William G. Cioffi, Jr., MD, FACS, ABA President

Join us for the opening ceremony to kick-off the 52nd ABA Annual Meeting. Meet the winners of some of ABA's most prestigious awards and hear from ABA President, William G. Cioffi, Jr., MD 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.

As a result of attending this activity, the learner should be able to:

• List advances in the field of burn care that are being facilitated by the ABA.
• Describe major accomplishments made by leaders in the field.
• Explain why members of the ABA should be advancing governance, leadership and research.

CORRELATIVES

CORRELATIVE I - CLINICAL SCIENCES: CRITICAL CARE 1 | C-151
10:00 am–12:00 pm | Osceola A
Moderators: Sharmila Dissanaike, MD; Howard Smith, MD

1 The Impact of No Next of Kin Decision Makers on End-of-life Care
2 Impact of Multimodal Analgesia on Critically Ill Burn Patients
3 Early Acute Kidney Injury (AKI) Following Major Burns
4 The Effects of Rapid Rewarming on Tissue Salvage in Severe Frostbite Injury
5 The Predictive Capacity of ASA PS in Burn Patients
6 Complete Blood Count and Derived Indices: Evolution Pattern and Prognostic Value in Adult Burned Patients
7 Artificial Intelligence and Machine Learning as a Predictive Tool for Acute Kidney Injury in Trauma and Severely Burned Patients
8 The Adoption of Rescue Colloid During Resuscitation Decreases Fluid Administered and Returns End Organ Perfusion

CORRELATIVE II - CLINICAL SCIENCES: NUTRITION AND METABOLISM | C-152
10:00 am–12:00 pm | Sarasota
Moderators: Steven E. Wolf, MD; Kate Wallace, MS, RD, CNSC

9 The Potential for Mitochondrial Respiration and Circulating mtDNA Levels for Early Diagnosis of Sepsis in Burn Patients
10 Hypoglycemic Episodes Predict Length of Stay in Patients with Acute Burns
11 Tube Feeding Through Surgery, Impact on Glucose Control in Burn Patients
12 Effective Treatment of Malnourished Pediatric Burn Patients
13 Macronutrient Intake and Wound Healing in Critically Ill Burn Patients
14 Do Calorie Counts Alter Care or Outcomes in Burn Patients?
15 Nutrition Therapy in the Burn Care Setting: What Is Best Achievable Practice?
16 Clinical Outcomes in Patients with Diabetes, Prediabetes, and No Diabetes Following Acute Burn Injury

CORRELATIVE III - PUBLIC HEALTH/EPIDEMIOLOGY 1 | C-153
10:00 am–12:00 pm | Osceola 1-3
Moderators: James C. Jeng, MD; Laura Garner, BSN, RN

17 The Impact of Modifiable Comorbid Conditions on Long-term Patient Reported Outcomes in Burn Survivors
18 Stop the Burn: A Smoking and Home Oxygen Safety Initiative with Use of Firebreaks
19 Epidemiology of Acute Burn Admissions at a Referral Center in Nepal: A Comparison Between Direct Admissions and External Referrals
20 The Global Burn Registry: A Work in Progress
21 Racial Disparities in Outcomes After Burn Injury in a Universally Insured Military Population
22 16-year State-wide Population-based Analysis of Burn and Inhalation Injury – Demographics, Injury Characteristics, Management, and One-year Outcomes
23 Triage and Transfer to a Regional Burn Center - Impact of a Mobile Phone App
24 Geospatial Localization of Adult Burn Injuries and Associated Housing Factors in a Major Urban Metropolis

CORRELATIVE IV - PSYCHOLOGICAL AND PSYCHOSOCIAL | C-154
10:00 am–12:00 pm | Osceola 4-6
Moderators: Elizabeth Dideon Hess, LCSW; Kimberly Roaten, PhD, CRC

25 Social Integration in the First 2 Years After Moderate to Severe Burn Injury: A Burn Model System National Database Study
26 Brief Psychological Intervention for Distress Reduction in Inpatient Burn Survivors: A Pilot Study
27 Utilization of an Ethics Service in a Large Urban Burn Center
28 Childhood Burn Injuries: The Uninjured Sibling Perspective
29 Symptoms of PTSD in a Burn Outpatient Clinic: Prevalence and Engagement Challenges for the Burn Team
30 Does Peer Support Facilitate Social Integration Following Burn Injury?
31 Patients in Need: Are We Identifying and Helping Them?
32 Major Psychiatric Illness and Drug Dependence Both Influence Burn Outcomes, but Not in the Same Way

**CORRELATIVE V - NURSING | C-155**

**10:00 am–12:00 pm | Osceola B**

Moderators: Annette Matherly, MS, RN, CCRN; Kelli Yukon, RN, MSN

33 Effectiveness of Caregiver-oriented Transitional Care Program (CTCP) in Promoting Preparedness of Caregivers for Home Care of Burn Patients
34 Family Needs of Adult & Pediatric Burn Patients
35 Wound Improvement Project: Improving Skill Sustainment and Confidence
36 Developing Burn Specific Documents in the Electronic Medical Record
37 Identifying Vulnerable Children: Burn Pediatric Warning Scores and ICU Designation
38 A Retrospective Review Evaluating the Institution of Nurse Clinic Visits for the Treatment of Burn Patients Being Managed at Home
39 Nurses Can Resuscitate
40 Implementation of a Nursing-driven Volume-based Enteral Feeding Protocol

**EDUCATIONAL FORUMS**

**FIRE FIGHTER I SESSION: ENERGY STORAGE SYSTEMS | F-160**

**10:00 am–12:00 pm | Orange Blossom Ballroom**

Course Director: Chris Bowles, FF

Energy storage systems bring a unique hazard to our homes and businesses. Lithium ion batteries store energy from solar and other power generating sources and represent a potential fire hazard with catastrophic consequences. This session will examine fire risks posed by various energy storage systems.

As a result of attending this activity, the learner should be able to:

- Identify the inherent risks that energy storage systems present to the public in the form of fire.
- Conduct firefighting operations in and around buildings that included this hazard potential.

**10:00 am–12:00 pm | Energy Storage Systems**

Paul Rogers

**REHABILITATION WORKSHOP: PROVIDING THERAPY IN THE CRITICAL CARE SETTING – HOW DO WE DO IT AND WHAT HAS CHANGED? | F-161**

**10:00 am–12:00 pm | Miami**

Course Directors: Matthew Godleski, MD; Miranda Yelvington, MS, OTR/L, BT-C, BCPR; Renee Warthman, MS, OTR/L, BT-C

There are many challenges to providing rehabilitation therapy services in the critical care setting, but also new opportunities to advance practices to allow for safe, early interventions during periods of intensive care. This session will review current technologies, scientific studies regarding mobilization in critical care, and practical approaches and guidance for implementing new therapy 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.

As a result of attending this activity, the learner should be able to:

- Describe recent advances in the safe mobilization of critically ill patients.
- Discuss new techniques and protocols for therapy in the intensive care unit.
- Describe the measurements and equipment used in the intensive care unit.

10:00 am–10:10 am   Introduction
Matthew Godleski, MD

10:10 am–10:25 am   Making Moves in the ICU: What’s Safe?
Jack Rasmussen, MD

10:25 am–10:40 am   Working Together: Nursing and Therapy in the Critical Care Setting
Jenny Janisko, MSN, RN

10:40 am–10:55 am   Let’s Move: Early Mobilization in the Pediatric Burn Population
Hilary Smith-Chong

10:55 am–11:10 am   Early Mobility in the Surgical/burn ICU: A Quality Improvement Project
Kelley Crawford

11:10 am–11:25 am   How Low Can You Go?
Arek J. Wiktor, MD

11:25 am–11:40 am   Medications and the Impact on Burn Rehabilitation Therapy
Jennifer Brandt, PharmD

11:40 am–12:00 pm  Panel Discussion
BURN RECONSTRUCTION | F-163
2:00 pm–4:00 pm | Miami
Course Directors: Sigrid A. Blome-Eberwein, MD; Daniel N. Driscoll, MD

The different aspects of burn reconstruction will be presented and discussed in a modular format, concentrating on one basic and overview topic (how to develop a reconstructive plan for an individual burn survivor), followed by a basic technique topic (local flaps) followed by two special subjects (hand and reconstruction in the elderly), followed by a module on new or adjunct technology (rehabilitation techniques like RF or ultrasound) followed by a burn survivor perspective on reconstruction.

As a result of attending this activity, the learner should be able to:

• Discuss the wide reaching scope of burn reconstruction.
• Describe how to develop a reconstructive plan for a burn survivor.
• Explain delegating the various aspects of burn reconstruction to the appropriate specialist.
• Describe how to perform some aspect of burn reconstruction as presented.

2:00 pm–2:10 pm  Introduction  Joshua S. Carson, MD
2:10 pm–2:30 pm  Military Perspective  Julie A. Rizzo, MD
2:30 pm–3:00 pm  Case Series 1  Jessica Summers, MD; Leopoldo C. Cancio, MD; Steven E. Wolf, MD; Victor C. Joe, MD
3:00 pm–3:15 pm  Civilian Perspective  Jessica Summers, MD
3:15 pm–3:50 pm  Case Series 2  Mack Drake, MD; James C. Jeng, MD; Sharmila Dissanaike, MD; Howard G. Smith, MD
3:50 pm–4:00 pm  Wrap-up and Call for Data  Joshua S. Carson, MD

WHAT THE BURN PROVIDER NEEDS TO KNOW ABOUT SEPSIS: CURRENT LITERATURE, SPECIAL CONSIDERATIONS, CASE DISCUSSIONS AND FUTURE DIRECTIONS | F-165
2:00 pm–4:00 pm | Osceola 1-3
Course Directors: Steven Kahn, MD; Laura S. Johnson, MD

This session will focus on understanding Sepsis-3 criteria/guidelines and how they apply to the management of the burn patient. The course will cover the history of the sepsis revisions including consensus statements regarding burns. We will cover the most current literature regarding resuscitation of the septic patient (most up-to-date recommendations of fluids, steroids, antibiotics, monitoring, etc). We will cover unique considerations for the burn patient, share some tips and tricks for CMS compliance, strategies for navigating the electronic medical record, success with sepsis alert tools, and avoiding false sepsis triggers and wasted resources.

As a result of attending this activity, the learner should be able to:

• Explain Sepsis-3 and the SOFA score.
• Discuss unique considerations for diagnosing sepsis in the burn patient and the most current literature on resuscitation and treatment of the septic patient.
• Recognize and prevent false positive sepsis triggers.
• Describe what is necessary for CMS documentation and compliance related to sepsis and discuss strategies to optimize the EMR regarding sepsis for the burn patient.

2:00 pm–2:15 pm  Intro to Sepsis and Current Guidelines
Steven Kahn, MD

2:15 pm–2:35 pm  Sepsis and the Burn Patient
Jeffrey W. Shupp, MD

2:35 pm–3:35 pm  Sepsis Case Presentations
Laura S. Johnson, MD

2:35 pm–3:35 pm  Panel of Experts
Kevin K. Chung, MD; David G. Greenhalgh, MD; Heather Evans, MD; Steven Kahn, MD; Jeffrey W. Shupp, MD

3:35 pm–4:00 pm  Sepsis—Future Directions
Kevin K. Chung, MD

VASCULAR ENDOTHELIAL DYSFUNCTION IN THERMAL INJURY | F-166
2:00 pm–4:00 pm  | Osceola A
Course Directors: Lauren T. Moffatt, PhD; Jeffrey W. Shupp, MD

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 advance in burn clinical care.

As a result of attending this activity, the learner should be able to:
• Describe and define endotheliopathy.
• List potential future directions for research in endothelial dysfunction.

2:00 pm–2:30 pm  Introduction and Background on Endotheliopathy
Rosemary Kozar

2:30 pm–2:45 pm  Endotheliopathy in Septic Shock
Kevin K. Chung, MD

2:45 pm–3:00 pm  Endotheliopathy in Hemorrhagic Shock
Charles Wade, PhD

3:00 pm–3:15 pm  Endotheliopathy in Burn Shock
Robert Cartotto, MD

3:15 pm–3:45 pm  Moving from Bench to Bedside: Implications of Endothelial Dysfunction on Burn Shock Resuscitation
Leopoldo C. Cancio, MD

3:45 pm–4:00 pm  Q&A

BECOMING AN EXPERT BURN THERAPIST - LEARNING TO ENHANCE YOUR PROFESSIONAL REASONING AND CLINICAL DECISION MAKING THROUGH COMPLEX AND COMPREHENSIVE REHABILITATION CASE MANAGEMENT | F-167
2:00 pm–4:00 pm  | Orange Blossom Ballroom
Course Directors: Ingrid Parry, MS, PT, BT-C; Bernadette Nedelec, BScOT(c), PhD, BT-C

How does a clinician become an “expert”? Learn common frameworks for professional reasoning and decision making that can be applied in the rehabilitation of burn survivors during the progression of a clinician from novice to expert. Experienced BT-C therapists will present interesting and complex cases in a variety of rehabilitation domains demonstrating the logical and progressive flow of reasoning required to achieve certification.

As a result of attending this activity, the learner should be able to:
• Differentiate between novice and expert professional reasoning.
• Describe how to apply the Canadian Practice Process Framework and the International Classification of Functioning, Disability and Health framework to the evaluation and treatment of burn survivors.
• Recognize logical and proficient flow of professional reasoning and decision making that is required for Burn Therapist Certification through case examples in various domains of burn rehabilitation.
• Discuss advanced level interventions that are applied in the rehabilitation of burn survivors for a variety of practice domains.

2:00 pm–2:20 pm  Introduction and Using ICF Framework for Evaluation and Treatment
Ingrid Parry, MS, PT, BT-C

2:20 pm–2:40 pm  Professional Reasoning from Novice to Expert
Bernadette Nedelec, BScOT(c), PhD, BT-C

2:40 pm–3:00 pm  Case Presentation: When Reality Does Not Meet Expectation
Mandy Yelvington, MS, OTR/L, BT-C, BCPR

3:00 pm–3:20 pm  Case Presentation: Co-managing a Burn Case with Community Therapists
David Lorello, PT, DPT, BT-C

3:20 pm–3:40 pm  Case Presentation: When Nothing Goes as Expected How to Manage a Complex Burn Case
Renee Warthman, MS, OTR/L, BT-C

3:40 pm–4:00 pm  Question and Answers
Ingrid Parry, MS, PT, BT-C
WORKING WITH SELF-INFLECTED BURN PATIENTS AND FAMILIES AT THE BURN CENTER | F-168
2:00 pm–4:00 pm | Sarasota
Course Directors: Kristen C. Quinn, CMHC; Kimberly Roaten, PhD, CRC; Brent W. Smith, PhD, LP

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 pediatric 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.

As a result of attending this activity, the learner should be able to:

• Identify specific factors related to care provider moral injury and supporting staff when caring for this patient population.
• Identify tools to use to support family members post a loved one’s self-inflicted burn injury.
• Describe risk factors associated with self-inflicted burns in pediatric populations and list important components of psychosocial treatment for this population.

• Describe strategies for identifying, assessing, and reducing suicide risk among adult patients using evidence-informed practices. Discuss patterns of physical and psychological outcomes for individuals with self-inflicted burn injuries.

2:00 pm–2:10 pm  Topic Introduction
  Kristen C. Quinn, CMHC

2:10 pm–2:40 pm  Suicide Assessment, Presentation on National Data Regarding Self-Inflicted vs Non Self-Inflicted Injuries
  Kim Roaten, PhD, CRC

2:40 pm–3:20 pm  Treatment of Adolescent and Pediatric Patients Following a Self-Inflicted Injury, Safety Planning
  Brent W. Smith, PhD, LP

3:20 pm–3:40 pm  Family Interventions Following the Self-Inflicted Burn Injury of a Loved One
  Gretchen James

3:40 pm–3:50 pm  Impact on the Burn Team; Moral Injury
  Kristen C. Quinn, CMHC

3:50 pm–4:00 pm  Facilitated Panel Q&A
  Kristen C. Quinn, CMHC

OSCEOLACD

Presidential Plenary

THURSDAY, MARCH 19 | 8:00 AM–9:30 AM

Join us for our keynote speaker, John O’Leary, as he discusses what we can do to further improve the lives of those affected by burn injury.

This program was developed in partnership with the Phoenix Society for Burn Survivors.
**WEDNESDAY & THURSDAY**

**FORGET NAUGHTY, WE ARE GOING TO GET N(A)STI**
2:00 pm–4:00 pm | Osceola B

Course Directors: Anjay Khandelwal, MD; Sara Higginson, MD

Necrotizing soft tissue infections remain one of the more difficult disease processes to manage and still carry a high mortality rate. Many of the management aspects still represent a challenge for clinicians including accurate and timely diagnosis, antimicrobial therapies and surgical management. This multi-format course will provide a comprehensive overview of the etiology, microbiology and surgical management, including surgical reconstruction of a variety of NSTIs as well as similar conditions such as Levamisole induced vasculitis.

As a result of attending this activity, the learner should be able to:

- Discuss the etiology and classification of necrotizing soft tissue infections.
- Evaluate and assess necrotizing soft tissue infections and formulate a medical and surgical management plan.
- List other conditions that mimic necrotizing soft tissue infections.
- Describe the surgical management for necrotizing soft tissue infections.

### PART 1 | F-162

**Agenda: Wednesday**

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<th>Time</th>
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<td>2:05 pm–2:30 pm</td>
<td>Definitions/Classifications</td>
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<td>Anjay Khandelwal, MD</td>
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<td>2:30 pm–2:50 pm</td>
<td>Microbiology and Antimicrobial Therapy</td>
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<td>Melissa Reger, PharmD, BCPS</td>
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<td>2:50 pm–3:10 pm</td>
<td>Diagnosis and Diagnostic Challenges</td>
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<td>Sharmila Dissanaike, MD</td>
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<td>3:15 pm–3:50 pm</td>
<td>Diagnostic Case Presentations</td>
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<td>Sharmila Dissanaike, MD; Anjay Khandelwal, MD; Sara Higginson, MD</td>
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<td>3:50 pm–4:00 pm</td>
<td>Questions/Wrap-Up</td>
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### PART 2 | F-262

**Agenda: Thursday**

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<th>Time</th>
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<tr>
<td>2:00 pm–2:05 pm</td>
<td>Welcome and Introduction</td>
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<td>Anjay Khandelwal, MD; Sara Higginson, MD</td>
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<td>2:05 pm–2:30 pm</td>
<td>Acute Operative Management/Skin Sparing</td>
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<td>Techniques</td>
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<td>Tam N. Pham, MD</td>
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<td>2:30 pm–2:55 pm</td>
<td>Principles of Coverage and Reconstruction</td>
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<td>Sai R. Velamuri, MD</td>
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<td>2:55 pm–3:00 pm</td>
<td>Introduction to Case Presentations</td>
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<td>Sara Higginson, MD; James Hwang, MD</td>
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<td>3:00 pm–3:50 pm</td>
<td>Acute and Reconstruction Case Presentations/</td>
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<td>Panel Discussion</td>
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<td>James Hwang, MD; Sai R. Velamuri, MD; C. Scott Hultman, MD; Travis Perry, MD</td>
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<td>3:50 pm–4:00 pm</td>
<td>Questions/Wrap-Up</td>
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<td>Nicole M. Kopari, MD</td>
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PLENARY

BURN WILDFIRE DISASTER RESPONSE: VIEWS THROUGH DIFFERENT LENSES | P-192

4:15 pm–5:30 pm | Osceola CD
Presented by: Tina L. Palmieri, MD

Burn disasters are complex and involve more than just the burn team. This session will examine the response and impact of wildfires from multiple perspectives, including fire fighters, physicians, veterinarians, burn survivors, and environmentalists to identify the immediate, intermediate, and long-term implications to humans, animals, and the environment. This session is not a mere description; rather, it is designed to leverage the experience of multiple groups to better describe the impact of the wildfires.

As a result of attending this activity, the learner should be able to:

- Identify the lessons learned about the impact of wildfires on initial triage.
- Compare and contrast the incidence and types of injuries sustained by humans and animals in a wildfire.
- Describe triage and post-incident system lessons learned from wildfires.

4:15 pm–4:20 pm Introduction
Tina L. Palmieri MD

4:20 pm–4:40 pm The Wildfire Disaster Response: A Fire Service Perspective
Josh Rubinstein, Fire Captain/Paramedic (ret)
Cosumnes Fire Department

4:40 pm–5:05 pm The Wildfire Disaster Response: Human and Animal Comparison
Jamie Peyton, DVM and Tina L. Palmieri MD

5:05 pm–5:25 pm A Survivor’s Perspective
Chad Carothers

5:25 pm–5:30 pm Conclusion and Questions

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SPONSORED SYMPOSIA

PIONEERING INNOVATIVE TREATMENTS FOR BURN PATIENTS WITH PURION® PROCESSED PLACENTAL ALLOGRAFTS

7:00 pm | Osceola A
Speaker: Paul Glat, MD; Marc Matthews, MD; Michelle Massee

This symposium will focus on clinical experience backed by published scientific evidence supporting the use of EpiBurn®, a Purion processed placental allograft, in the treatment of challenging adult and pediatric burn patients.

A NEW DECADE OF LASER SCAR REVISION

7:00 pm | Osceola B
Speaker: Thomas Beachkofsky, MD

As pioneers in IPL and CO2 laser technology for scar revision, Lumenis has helped change the lives of thousands afflicted with traumatic burns. Learn about Lumenis’ Hope For Scars legacy of proven results, and what’s to come. Review the newest clinical evidence behind energy based procedures for scar revision, and how early-stage laser intervention and combination therapies may lead to better outcomes.
SUNRISE SYMPOSIA
6:30 am–7:45 am

S-201  Inhalation Injury
Moderators: Todd F. Huzar, MD; Kevin K. Chung, MD; Ronald Mlcak, PhD, RRT
Tampa 1

S-202  Youth Firesetter Intervention Programs
Moderators: Kara Garrett, AS, YFIS, CPST; Debra Jones, RN, TNCC, CNIII; Paul Schwartzman, MS, LMHC
Tampa 2

S-203  It’s all about Teamwork: Nursing and Therapy Collaboration for Optimizing Function with Dressings and Treatment
Moderators: Cassandra O’Rourke, OTR/L, BCP; Trudy Boulter, OTR/L, CHT, BT-C; Emily Eschelbach, BSN, RN
Tampa 3

S-204  Grassroots Advocacy and Burns
Moderators: Tom Flamm, FF; Dan Dillard; Amalia Cochran, MD
Naples 1

S-205  Preparation and Integration of Learners in a Burn Service Rotation
Moderators: Robert Ball, MD; Gaurav Garg, MD; Kristy Gauthier, MSN, RN
Naples 2

S-206  Finding the Sweet Spot: The Management of Hyperglycemia and Diabetes in Burn Patients
Moderators: Todd A. Walroth, PharmD, BCPS, BCCCP; Allison N. Boyd, PharmD, BCCCP; Beth A. Shields, MS, RD, LD, CNSC
Naples 3

S-207  Big Burn Center to Small Town: Providing Multidisciplinary Follow Up for Successful Transition for Our Rural Patients
Moderators: Callie M. Thompson, MD; Elisha G. Brownson, MD; Lucy Wibenmeyer, MD; Kristen C. Quinn, CMHC
Destin

S-208  Use of Medical Improvisation to Improve Communication and Empathy
Moderators: David Lorello, PT, DPT, BT-C; Elizabeth Dideon Hess, LCSW
Gainesville

S-209  Moral Distress: How do we Recognize and Deal with It?
Moderators: Monica L. Gerrek, PhD; Mikki Rothbauer, MSW, LICSW; Tammy Coffee, RN, MSN, APRN
Daytona

S-210  Managing Pain for Skin Graft Donor Site
Moderators: Dhaval Bhavsar, MD; Anthony Kovac, MD; Audrey O’Neill, DPT
Captiva

S-211  Scenarios in Effective Experimental Design and Practical Use of Statistics
Moderators: Lauren T. Moffatt, PhD; Deborah Carlson, PhD
St. George 108

S-212  The Elderly: When and When Not to Operate on Them
Moderators: Soman Sen, MD; Oliver Schirokauer, PhD, MD; Herbert Phelan, III, MD
St. George 104
PLENARY

PRESIDENTIAL PLENARY | P-291
8:00 am–9:30 am | Osceola CD

The Presidential Plenary session will feature Annual Meeting paper awards, a keynote by John O’Leary, and an update on the National Trauma Research Action Plan.

As a result of attending this activity, the learner should be able to:

• Describe how burn care professionals are making an impact.
• Discuss what we can do to further improve the lives of those affected by burn injury.
• Explain the importance of burn research in the National Trauma Research Action Plan.

CORRELATIVES

CORRELATIVE VI - TRANSLATIONAL SCIENCES: CRITICAL CARE AND METABOLISM | C-251

10:00 am–12:00 pm | Osceola A
Moderators: Lauren T. Moffatt, PhD; Susan L. Smith, PhD, APRN-C, RNFA

41 Changes of Mitochondria-related Gene Expression Profile Associated with Burn-induced Cardiomyopathy

42 CFTR Mediates Enteric Bacterial Translocation Post Severe Burn via ERK and Inflammatory Signaling

43 Activation of CCL2/CCR2 Signaling Axis Is Responsible for Spinal Cord Inflammation and Loss of Muscle Mass in Mice After Burn Injury

44 Defects in Mitophagy Response in Burns Involved in Poor Regeneration Capacity

45 Unravelling the Unique Burn-induced Temporal Alterations in Adipose Tissue Metabolism

46 Inhibition of Lipolysis with Acipimox Targets Post-burn White Adipose Browning by Altering Macrophage Polarity

47 Burn-induced Ileal Extracellular Matrix Upregulation Associated with Epithelial to Mesenchymal Transition

48 Burn Injury Impedes Late Erythropoiesis via Decreased Alpha Hemoglobin Stabilizing Protein and siglec1

CORRELATIVE VII - CLINICAL SCIENCES: WOUNDS AND SCARS 1 | C-252

10:00 am–12:00 pm | Osceola B
Moderators: John Kevin Bailey, MD; Callie M. Thompson, MD

49 Indocyanine Green Angiography in the Surgical Evaluation of Partial Thickness Burn Wounds

50 Assessment of Skin Graft in Pediatric Burn Patients Using Machine Learning Is Comparable to Human Expert Performance

51 Negative Pressure Wound Therapy for Small-to-medium-sized Paediatric Thermal Burns: A Randomized Controlled Trial (SONATA in C)

52 Developing a Topical Antibiotic in the Burn Unit

53 Regulation of Glycolysis and the Warburg Effect in Keloids

54 Validation of Infrared Thermography for Prediction of 21-day Burn Wound Healing

55 Melanocytes in Hypopigmented Burn Scar Can Be Stimulated to Produce Melanin

56 Reduced Length of Stay with Autologous Skin Cell Suspension Reduces Burn Injuries

CORRELATIVE VIII - PREVENTION | C-253

10:00 am–12:00 pm | Sarasota
Moderators: Anjay Khandelwal, MD; Jennifer B. Radics-Johnson, MBA

57 Cool Running Water First Aid Decreases Skin Grafting Requirements in Pediatric Burns: A Cohort Study of 2495 Children

58 The Homelessness Crisis and Burn Injuries: A Cohort Study


60 Contact Hand Burns in Children: Still a Major Prevention Need

61 Tap Water: Still Burning After All These Years

62 Impact of the Affordable Care Act on Post-discharge Services After Burn Injury

63 Assessing the Quality and Reliability of Patient Information Regarding First-aid Burn Care on Youtube

64 E-cigarette and Vaporizer-related Burn Injury: Demographics and Injury Patterns

CORRELATIVE IX - QUALITY IMPROVEMENT | C-254

10:00 am–12:00 pm | Osceola 1-3
Moderators: Lucy Wibbenmeyer, MD; Alan D. Rogers, MBChB, MSc, MMed

65 Fourteen Years of Worldwide Teleconsultation Support for Burn Patient Care

66 The Effect of Transfer on Outcomes in Burns

67 Tissue Plasminogen Activator Protocol for Frostbite in Rural and Remote Areas

68 Application of the Modified Hospital Length of Stay Predictor
69 Outbreak of Carbapenem-polymyxin-quat-resistant Acinetobacter Baumannii Associated with Mafenide Acetate Shortages: An Interdisciplinary Approach to Eradication

70 Chlorhexidine Gluconate for Burn Wound Cleansing: Reduction in Multi-drug Resistant Organism Acquisition

71 Early Donor Site Harvesting in Burn Patients

72 Frailty Assessment in the Burn Population: A Single Center Retrospective Review

CORRELATIVE X-REHABILITATION | C-255
10:00 am–12:00 pm | Osceola 4-6
Moderators: Lisa Forbes, BScOT(c), BT-C; Matthew Godleski, MD

73 Objective Measurement of Adherence with Splint Use After Burn Injury

74 The Effectiveness of Serial Casting in Obtaining Maximum Range in Burn Scar Contracted Joints

75 Burn Survivors Can Exercise for 30 Min, Even in the Heat, Without a Risk of Excessive Hyperthermia

76 The Effect of Splinting of Metacarpophalangeal Joints After Skin Grafting: A Review of the ACT Database

77 Functional Outcomes in Patients with Hand Burns Receiving Long Term Hand Therapy

78 Optimising Compression for the Management of Acute Hand Burn Edema

79 Maximizing Safe Positioning of Upper Extremities After Axillary Burn Injuries to Prevent Contractures and Maintain Function

80 Burn Rehabilitation: How Do You Minimize Delays?

EDUCATIONAL FORUMS

FIRE FIGHTER II SESSION: “SLEEP, WORK, AND HEALTH” | F-260
10:00 am–12:00 pm | Orange Blossom Ballroom
Course Director: Chris Bowles, FF
Speaker: David Rainey, MD, MPH, MEd

Sleep and work constitute the majority of our adult lives, yet their critical roles in health and wellbeing are often overlooked. In our 24/7 culture the importance of sleep is often trivialized, and even derided as “unproductive time” by those in business, politics, and paradoxically even healthcare. Scientific research has demonstrated that sleep is much more than simply a suspension of activity, but rather a vital and active process of recovery, reorganization, and rejuvenation that is essential for optimal functioning while awake. Understanding the science of sleep can help us optimize sleep strategies for what our circumstances may require.

As a result of this activity, the learner should be able to:
• Understand the function of sleep and sleep regulation
• Explain sleep deprivation and the impact on job performance, health, and wellbeing
• Identify sleep strategies and practices that can help optimize sleep for various circumstances

ETHICS WORKSHOP: BEYOND THE BASICS OF BIOETHICS | F-261
10:00 am–12:00 pm | Miami
Course Directors: 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.

As a result of attending this activity, the learner should be able to:
• Explain and use bioethics terminology correctly.
• Discuss how to better navigate medical decision making with patients and surrogates.

10:00 am–10:07 am   Introduction/Disclosures/Objectives
Monica L. Gerrek, PhD

10:07 am–10:25 am   Bioethical Principles
Oliver Schirokauer, PhD, MD

10:25 am–10:50 am   Patient Decision Making
Oliver Schirokauer, PhD, MD; Todd F. Huzar, MD

10:50 am–11:20 am   Surrogate Decision Making
Monica L. Gerrek, PhD; Todd F. Huzar, MD

11:20 am–11:50 am   End-of-Life Decision Making
Oliver Schirokauer, PhD, MD; Todd F. Huzar, MD

11:50 am–11:55 am   Moral Distress
Monica L. Gerrek, PhD

11:55 am–12:00 pm   Wrap-Up
Monica L. Gerrek, PhD; Todd F. Huzar, MD; Oliver Schirokauer, PhD, MD
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-263

2:00 pm–4:00 pm | Osceola A
Course Directors: Todd A. Walroth, PharmD, BCPS, BCCCP; Allison N. Boyd, PharmD, BCCCP; Samuel P. Mandell, MD, MPH

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.

As a result of attending this activity, the learner should be able to:

- Summarize the recommendations included in the 2018 PADIS Guidelines.
- Compare and contrast available burn-specific literature for each section of the 2018 PADIS Guidelines.
- Apply the information from the 2018 PADIS Guidelines and literature review to the burn patient population in a standardized manner.

2:00 pm–2:15 pm  Introduction/Background & Interactive Activity #1
2:15 pm–2:35 pm  Pain
Samuel P. Mandell, MD, MPH
2:35 pm–2:55 pm  Agitation/sedation and Delirium
Allison N. Boyd, PharmD, BCCCP
2:55 pm–3:15 pm  Immobility
Cassandra O’Rourke, OTR/L, BCP
3:15 pm–3:35 pm  Sleep
Todd A. Walroth, PharmD, BCPS, BCCCP
3:35 pm–3:45 pm Interactive Activity #2
3:45 pm–4:00 pm Wrap-up & Panel Discussion

SCOPE - STANDARDS - CERTIFICATION: WHAT’S NEW IN BURN NURSING | F-265

2:00 pm–4:00 pm | Osceola 4-6
Course Directors: Gretchen J. Carrougher, MSN, RN; Sarah Bernardy, RN, BSN, CCRN; J. Bradley Wiggins, RN, BSN

The ABA Professional Certification Committee members are actively working to achieve a pathway to Burn Nurse Certification. There are many moving parts to this process and we need to work together to get to the finish line! From competencies, to the scope of practice, to standards of care, all of which will lead to our ultimate goal of Burn Nurse Certification. We invite all nurses to join us in an active discussion as we continue on our journey!!

As a result of attending this activity, the learner should be able to:

- Discuss current Scope of Burn Nursing Practice Statement and Standards.
- Discuss implementation of the BNCl competencies.
- Describe the current state of Burn Nurse Certification process.

2:00 pm–2:45 pm  Scope and Standards for Burn Nursing
Gretchen J. Carrougher, MSN, RN
2:45 pm–3:30 pm  Utilization of Standards - Q&A with ABA Professional Certification Committee
Sarah Bernardy, RN, BSN, CCRN
3:30 pm–4:00 pm  Burn Nurse Certification: An Update
Gretchen J. Carrougher, MSN, RN

BUBBLES AND BANDAGES: TRAUMA-INFORMED PRACTICE AND PEDIATRIC PSYCHOSOCIAL CARE IN THE BURN CENTER | F-264

2:00 pm–4:00 pm | Sarasota
Course Director: Alexis Castro, MS, CCLS

Supporting children and families throughout their burn treatment is often challenging. 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.

As a result of attending this activity, the learner should be able to:

- Define the role of child life specialist and how the role supports the mission of the multidisciplinary burn team.
- Describe trauma and the physiological responses to trauma.
- Describe the core principles of trauma informed care and developmentally informed care, including ways to incorporate these principles into daily practice.
- List non pharmacological techniques for providing developmentally appropriate care with the goal of decreasing pain and increasing opportunities for patient mastery and development of positive coping skills.

2:05 pm–2:35 pm  Trauma-Informed Practice
Karen Kraus
2:35 pm–3:15 pm  Developmentally Informed Care
Alexis Castro, MS, CCLS
3:15 pm–3:50 pm  Transition to the Outpatient Setting and Beyond the Hospital
Shelley A. Wiechman, PhD
UTILIZING COMMUNITY PARTNERSHIPS FOR BETTER BURN CARE OUTCOMES: WORKING WITH THE FIRE SERVICE, BURN FOUNDATIONS, BURN SURVIVORS, AND OTHER COMMUNITY PARTNERS

F-266

2:00 pm–4:00 pm | Osceola 1-3
Course Directors: Jennifer B. Radics-Johnson, MBA; Tom Flamm, FF

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.

As a result of attending this activity, the learner should be able to:

• Describe how to identify community partners to assist with needs of burn centers and their patients and community.
• Discuss opportunities for collaboration and partnerships to assist with better long-term burn patient outcomes and prevention of burn injuries.

2:00 pm–2:10 pm Welcome, Overview of Course Agenda, Learning Objectives, Course Summary
Jennifer B. Radics-Johnson, MBA; Tom Flamm, FF

2:10 pm–2:20 pm What Are Partnerships and Collaborations, and Why Are They Important?
Dan Dillard

2:20 pm–2:35 pm Collaborations and Partnerships with the Fire Service

2:35 pm–2:50 pm Collaborations and Partnerships with Burn Foundations
Daniel W. Chacon, BA

2:50 pm–3:05 pm Collaborations and Partnerships with Burn Camps
Tonas Kalil, DPT

3:05 pm–3:20 pm Collaborations and Partnerships with Burn Survivors
Mona Kreuger, MSW

3:20 pm–3:35 pm Collaborations and Partnerships in Prevention Education
Stephanie Campbell, MS, RN, CCRN-K

3:35 pm–4:00 pm Panel Discussion and Q&A
Jennifer B. Radics-Johnson, MBA

OPERATION MINUTE’S NOTICE: HOT WASH ASSISTANT SECRETARY OF PREPAREDNESS RESPONSE (ASPR) REGIONAL DISASTER HEALTH RESPONSE SYSTEM PILOT DISASTER EXERCISE: CHALLENGES IN BURN DISASTER PREPAREDNESS | F-267

2:00 pm–4:00 pm | Orange Blossom Ballroom
Course Directors: Colleen M. Ryan, MD; James C. Jeng, MD

This interactive session provides a summary of and opportunities for critical discussions of the processes, events and actions related to a burn surge mass casualty exercise in Massachusetts in the summer of 2019 sponsored by the Assistant Secretary of Preparedness Response’s Regional Disaster Health Preparedness Pilot Project. The aims of the session are to seek input into the challenges identified by the exercise from experts in the field and from the burn community and to understand interactions between the state, regional and federal levels and the role of the American Burn Association regions and central office in disaster situations.

As a result of attending this activity, the learner should be able to:

• Describe the role of the ABA regions in a burn surge disaster situation.
• Describe the role of and resources available at the ABA central office in burn surge disaster situations.
• Describe the role of the federal government in a burn surge disaster situation.
• List the challenges involved and resources available to respond to a burn surge event that overwhelms local resources.

2:00 pm–2:15 pm ASPR Regional Disaster Health Response System: Operation Minute’s Notice
Colleen M. Ryan, MD

2:15 pm–2:25 pm Crisis Standards of Care: Our Duty
James C. Jeng, MD

2:25 pm–2:35 pm Development of ABA Burn Center Triage Base Tables for Seriously Strained Situations
Randy D. Kears, DHA, MSA

2:35 pm–3:15 pm Introduction to Tabletop and Exercise
Colleen M. Ryan, MD

3:15 pm–3:45 pm Secondary Triage Tabletop Exercise Panel: Moderator
James C. Jeng, MD

3:15 pm–3:45 pm Secondary Triage Tabletop Exercise Panel: Western Burn Region Coordinator
Annette Matherly, MS, RN, CCRN

3:15 pm–3:45 pm Secondary Triage Tabletop Exercise Panel: Northeast Burn Region Coordinator
Kathe Conlon, BSN, RN, MSHS

3:15 pm–3:45 pm Secondary Triage Tabletop Exercise Panel: Midwest Burn Region Co-coordinator
Mark Johnston, RN, BSN, TCRN; Judy Placek, APRN
WHEN AND HOW TO SPLINT THE PEDIATRIC BURNED HAND | F-268

2:00 pm–4:00 pm | Miami
Course Director: Stephanie J. Wicks, BAppSc

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.

As a result of attending this activity, the learner should be able to:

• Describe the current evidence related to splinting of palmar burns and list important design and safety considerations in splinting this area.

• Design and fabricate a 3-point palmar extension splint for use in paediatric patients, using both POP and thermoplastic materials.

• Prescribe a splinting regime for a palmar burn, using the 3-point palmar extension splint, aimed at preventing contracture while minimising risk of complications.

THE YEAR IN REVIEW: THE TOP JOURNAL PUBLICATIONS | F-269

4:15 pm–5:30 pm | Osceola 1-3
Course Director: Tina L. Palmieri, MD

A favorite session among attendees. Editors from each of the top publications in burn care present and discuss major advances in published burn research throughout the past year. Journals represented include: Journal of Burn Care & Research; Wound Repair and Regeneration; Journal of Trauma and Acute Care Surgery; and Burns.

As a result of attending this activity, the learner should be able to:

• Describe new techniques in burn care (surgical/wound care/critical care).

• Discuss what other countries are researching in burn care.

4:15 pm–4:20 pm Introduction
4:20 pm–4:35 pm Journal of Burn Care & Research
David Herndon, MD
4:35 pm–4:45 pm Wound Repair & Regeneration
David G. Greenhalgh, MD
4:45 pm–4:55 pm Journal of Trauma and Acute Care Surgery
David Harrington, MD
4:55 pm–5:10 pm Burns
Steven E. Wolf, MD
5:10 pm–5:20 pm Burns Open
David G. Greenhalgh, MD
5:20 pm–5:30 pm Questions & Answers

CHANGING PLACES | F-270

4:15 pm–5:30 pm | Osceola 4-6
Course Director: Jason Woods, FF

Today fire fighters are asked to continue adapt to whatever threats pose a life hazard to the communities that they serve. On June 12, 2016 a lone gunman opened fire in the Pulse Nightclub killing 49 people and wounding 53 others before being killed by police. The stresses faced by first responders throughout the course of their careers including incidents involving children, acts of violence, the inherent dangers of firefighting along with other potentially traumatic events can have a cumulative impact on their mental health and well-being. In this year's Changing Places we will explore the effects that acts of mass violence have on the behavioral health of our nation's first responders.

As a result of attending this activity, the learner should be able to:

• Discuss the stresses faced by first responders throughout the course of their career.

• Describe the effects of acts of mass violence on the behavioral health of first responders.

4:15 pm–5:30 pm Panel Discussion
Jeff Orrange, FF; Bryan Davis, FF; Jimmy Reyes, FF
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.

4:15 pm–4:25 pm  Demonstration of the Burns Algorithm in Simulation
Konstantinos Gasteratos, MD

4:25 pm–4:38 pm  Techniques for Optimizing Mobility in the Burn Unit
Lynn Fossen, PT, DPT

4:38 pm–4:48 pm  Facilitating School Re-entry for International Patients Through the Use of Video
Brent Smith, PhD, LP

4:48 pm–4:59 pm  Excision and 1:1 Autografting Hand/forearm/foot Burns with Cyanoacrylate Glue Application
Jake Laun, MD

4:59 pm–5:09 pm  The 3 P’s: Assessment of Burn Wound Viability During Surgical Debridement While Using a Tourniquet or Epinephrine Tumescence
Robert Cartotto, MD

5:09 pm–5:20 pm  How I Do It: Silver Antimicrobial Foam Dressings for Facial Burns
Kristin Friedl, RN, DNP, AGACNP-BC

5:20 pm–5:31 pm  Silver Impregnated Vest Dressing for Burn and Exfoliative Wounds
Jake Laun, MD

5:31 pm–5:40 pm  Pressure Garments: “I’ve Got You Where I Want You, Now I Want to Keep You.”
Michelle Dwertman, MSPT, BT-C

5:40 pm–5:53 pm  Modernizing the Mechanics of Surgical Excision and Grafting
Peter Grossman, MD

5:53 pm–6:00 pm  Fiberoptic Intubation Through a Specialized Laryngeal Mask Airway: A Strategy for Managing Difficult Airway in the Major Burn Patient
Bryan Carter, MD

SPONSORED SYMPOSIA

RECELL® ADVANCED TECHNIQUES – AVITA MEDICAL
6:00 pm–7:30 pm | Osceola B

RECELL® hands-on educational symposia. Learn advanced clinical skills in an interactive session featuring the RECELL System.
TOP 3 SUNRISE SYMPOSIA

6:30 am–7:45 am

S-301 Controversies in the Management of Fluid Resuscitation and Electrolyte Disorders in Burn Patients
Moderators: Todd A. Walroth, PharmD, BCPS, BCCCP; Renata Fabia, MD, PhD; Asia N. Quan, PharmD, BCPS, BCCCP
Captiva

S-302 Inhalation Injury
Moderators: Todd F. Huzar, MD; Kevin K. Chung, MD
Daytona

S-303 It’s All About Teamwork: Nursing and Therapy Collaboration for Optimizing Function with Dressings and Treatment
Moderators: Cassandra O’Rourke, OTR/L, BCP; Trudy Boulter, OTR/L, CHT, BT-C; Emily Eschbach, BSN, RN
Tampa

BURN FELLOWSHIP BREAKFAST

6:30–7:45 am | Osceola 4
Calling Burn Fellows, Residents and Medical Students interested in a career in burns!

Learn about careers in burns and the paths to get you where you want to be. We will discuss fellowships and the ABA’s plans for a verified fellowship program; the benefits of a career as a burn surgeon; and exciting new and emerging technologies in burn care. Plus, a chance to network with others who share your interests and are making the same career decisions, as well as experienced burn surgeons who can talk about their journey.

PLENARY

TOP 5 ABSTRACTS | P-391

8:00 am–9:30 am | Osceola B
Presented by: Robert Cartotto, MD; Ingrid Parry, MS, PT, BT-C

The correlative sessions run concurrently which encourages attendees to move around and listen to abstract presentations that are most important and relevant to them. Subsequently, attendees don’t have the opportunity to hear all of the presentations and may miss important topics. The top five abstracts, based on the scores of reviewers, will be presented at the Plenary to allow all attendees to hear the highest rated abstracts presented during the meeting.

8:00 am–8:10 am Welcome and Introduction from the Program Chair Robert Cartotto, MD
8:10 am–8:25 am Top Line Results of the DETECT Enzymatic Debridement Multicenter Randomized Controlled Trial William Hickerson, MD
8:25 am–8:40 am Safety of Early Post-operative Range of Motion in Burn Patients with Newly Placed Hand Autografts William Dewey, PT, CHT
8:40 am–8:55 am Randomized, Controlled, Within-patient, Single-blinded Study to Evaluate the Efficacy of Corticosteroid Injections for the Treatment of Hypertrophic Scar in Adult Burn Survivors Bernadette Nedelec, BScOT(c), PhD, BT-C
8:55 am–9:10 am  Nursing Matters! Better Nurse Staffing and Work Environments Associated with Lower Burn Patient Mortality  
Amanda Bettencourt, PhD, APRN, CCRN-K, ACCNS-P

9:10 am–9:25 am  Preliminary Analysis of a Phase 3 Open-label, Controlled, Randomized Trial Evaluating the Efficacy and Safety of a Bioengineered Regenerative Skin Construct in Patients with Deep Partial-thickness Thermal Burns  
James Holmes IV, MD

CORRELATIVES

CORRELATIVE XI - CLINICAL SCIENCES: CRITICAL CARE 2 | C-351
10:00 am–12:00 pm | Osceola A
Moderators: Steven Kahn, MD; Julie A. Rizzo, MD
81 Inhalation Injury Is Associated with Long-term Physical, Satisfaction with Life, and Employment Outcomes: A Longitudinal National Database Study
82 Retrospective Review of Burn Resuscitation Outcomes Between 4 mL and 2 mL as a Starting Guide for Parkland Formula
83 Multicenter Evaluation of the Use of Nebulized Heparin for Inhalation Injury (HIHI2 Study)
84 Development of a Risk Prediction Model and Comparison with Clinical Severity Scores in Burn Patients
85 Safety and Efficacy of Early Fresh Frozen Plasma Administration in Burn Resuscitation
86 Examining the Use of Contact Pathway Activation to Characterize Burn Induced Coagulopathy Using Thromboelastography
87 Evaluating Endothelial Dysfunction in Thermally-injured Patients with syndecan-1, Tissue Factor Pathway Inhibitor, and Thrombomodulin as Predictors of Mortality
88 Validation of the Modified NUTrition Risk Score (mNUTRIC) in Burn Victims: Evidence from a Multi-centre, Multi-national, Double-blind, Controlled Randomized Clinical Trial

CORRELATIVE XII - CLINICAL SCIENCES: WOUNDS AND SCARS 2 | C-352
10:00 am–12:00 pm | Osceola B
Moderators: Jeffrey E. Carter, MD; Renata Fabia, MD, PhD
89 Antimicrobial Resistance Pattern and Prevalence of Extended Spectrum Beta-lactamase in Non-fermenting Gram Negative Bacteria, Isolated from Burn Wounds: A Prospective Study from a Tertiary Burn Center
90 Efficacy of Topical Antimicrobial Agents Against Bacterial Isolates from Burn Wounds
92 Improved Burn Healing Classification via Artificial Intelligence
93 Optical Coherence Tomography: A New Imaging Technique for Burn Injuries
94 Bioimpedance Spectroscopy Is a Valid and Reliable Measure of Edema in Hand Burn Injury
95 Early Clinical Experience with an Autologous Homologous Skin Construct to Treat Deep Partial-thickness and Full-thickness Burns
96 Treatment of Donor Sites in Large TBSA Burn Injuries with an Autologous Skin Cell Suspension Supports Early Reharvesting

CORRELATIVE XIII - PUBLIC HEALTH/EPIDEMIOLOGY 2 | C-353
10:00 am–12:00 pm | Osceola 1-3
Moderators: Todd F. Huzar, MD; Karen J. Richey, BSN, RN
97 Burns in the Military Setting- analyzing 12,799 Routine & Combat Cases
98 A 10-year Retrospective Review of Older Adult Admissions at a Regional Burn Center
99 Hand Burns: An Independent Risk Factor for Worse Hospital Outcomes
100 Actionable, Revised (Version 3), and Amplified American Burn Association Triage Tables for Mass Casualties: A Civilian Defense Guideline
101 Predicting and Estimating Burn Outcomes: A Single Institution Analysis of over 4000 Cases
102 Wildfire Burns: Implications for Burn Care
103 Screening for Alcohol and Drugs: Are We Under-testing Older Patients?
104 Comorbidity Does Not Predict Outcomes After Burn Injury in the Elderly

CORRELATIVE XIV - RECONSTRUCTION | C-354
10:00 am–12:00 pm | Osceola 4-6
Moderators: William Norbury, MD; Claudia Malic, MD
105 The Impact of Flap Timing and Mechanism of Injury on Flap Complications in Acute Burn Patients
106 Heads or Tails? Scalp versus Non-scalp Donor Sites for Split-thickness Skin Grafting of Burns: A Systematic Review and Retrospective Review
107 Esterified Hyaluronic Acid Matrix in Lower Extremity Wound Reconstruction
108 An Evidence Based Laser Therapy Algorithm for the Treatment of Burn Scars
109 Vascular Composite Allotransplantation in Burn Reconstruction: Systematic Review and Meta-analysis
110 Self-reported Health Measures in Burn Survivors Undergoing Burn Surgery Following Acute Hospitalization

111 Predicting Restoration of Joint Function in the Contracted Burned Hand: The Benefit of the Soft Tissue to Skeletal Ratio

112 Improvements in Burn Hypertrophic Scar After Fractional Ablative Laser Scar Revision

CORRELATIVE XV - TRANSLATIONAL SCIENCES: WOUNDS AND SCARS | C-355

10:00 am–12:00 pm | Orange Blossom Ballroom
Moderators: Angela Gibson, MD, PhD; Heather M. Powell, PhD

113 Successful Treatment of Sulfur Mustard Burns with Silver-Nylon Dressings

114 Galectin-1 Is Overexpressed in Post-Burn Hypertrophic Scar

115 Predicting Graft Failure in a Porcine Burn Model of Various Debridement Depths via Laser Speckle Imaging and Deep Learning

116 Short Wave Infrared Light Imaging Distinguishes Superficial from Deep Burns

117 Light or Dark Pigmentation of Engineered Skin Substitutes Containing Melanocytes Protects Against UV-Induced DNA Damage in Vivo

118 Comparison of Contact and Scald Burns in a Porcine Model

119 A Nitric Oxide Releasing Bio-active Wound Dressing for Burn Wound Infection Treatment

120 Terahertz Spectral Imaging for Burn Depth Determination in an in Vivo Porcine Scald Model

CORRELATIVE XVI - PAIN AND PRURITIS | C-356

10:00 am–12:00 pm | Miami
Moderators: David M. Hill, PharmD, BCPS, BCOCOP; Samuel P. Mandell, MD, MPH

121 The Opioid Dependence Paradox in Among Patients with Burn Injury

122 Prevalence and Associated Predictors for Patients Developing Chronic, Neuropathic Pain Following Burns

123 Burn Patients’ Pain Experiences and Perceptions at a Regional Burn Center

124 Virtual Reality for Reducing Pain and Perioperative Anxiety in Pediatric Burn Patients

125 Management of Acute Pain in the Burn Patient: Reaching a New Guideline

126 Multimodal Analgesia and Discharge Opioid Requirements in Burn Patients

127 Does Socioeconomic Status Impact Opioid Requirements in Burn Injured Patients with Methamphetamine Abuse?

128 The Effects of Acupuncture on Pain on the Burn Service

BEST IN CATEGORY POSTERS | F-360

10:00 am–12:00 pm | Sarasota
Moderators: Cynthia L. Regart, RN, MSN; J. Bradley Wiggins, RN, BS

There is excellent research being done by many members in the burn community and due to limited space and time, some are presented in a poster format. During the poster rounds professors will award one poster for each category as “Best in Category.” These top posters will be presented in a more formal setting during this session and judged by the Chairs of the Program Committee, Research Committee and Membership Advisory Committee. At the conclusion of the session, the judges will award the three top posters of the meeting.

LUNCHEON EDUCATIONAL FORUMS

All Friday sessions will have box lunch included. Please go to the room for the session you plan to attend, and you will be able to grab a box lunch. Try to get settled as quickly as possible so the sessions can start on time.

BURN PREVENTION WORKSHOP: FEARLESS BURN PREVENTION MESSAGING: BEST PRACTICES IN DESIGN & DELIVERY | F-361

12:15 pm–1:45 pm | Sarasota
Course Directors: Stephanie Campbell, MS, RN, CCRN-K; Karla S. Klas, BSN, RN, CCRP

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.

As a result of attending this activity, the learner should be able to:

- Describe the current best practices in burn prevention messaging.
• Explain how to design evidence-based burn prevention messages for materials and programming.

12:15 pm–12:45 pm  
Best Practices in Prevention Messaging & Delivery  
Stephanie Campbell, MS, RN, CCRN-K; Karla S. Klas, BSN, RN, CCRP; Rebecca Coffey, PhD, MSN, CNP

12:45 pm–1:15 pm  
Tips & Tricks for Real Life Application  
Stephanie Campbell, MS, RN, CCRN-K; Karla S. Klas, BSN, RN, CCRP; Rebecca Coffey, PhD, MSN, CNP

1:15 pm–1:45 pm  
Q&A/Group Discussion  
Stephanie Campbell, MS, RN, CCRN-K; Karla S. Klas, BSN, RN, CCRP; Rebecca Coffey, PhD, MSN, CNP

VERIFICATION REVIEW COMMITTEE UPDATE: THE WHY, HOW AND WHAT OF VERIFICATION | F-362

12:15 pm–1:45 pm | Miami  
Course Directors: Sharmila Dissanaike, MD

Verification helps ensure your burn center meets the highest standards of comprehensive burn care, all the way from prevention through acute inpatient care to rehabilitation, outpatient reconstruction, and psychosocial needs. The ABA offers a robust quality benchmarking program that is constantly updated to reflect improvements in all aspects of burn care. This interactive session will allow you to have all your questions answered and help ensure your verification is successful.

As a result of attending this activity, the learner should be able to:

• Explain the benefits of becoming an ABA verified burn center.
• Describe the steps necessary to undertake verification.
• Explain the most important components of a successful verification visit.
• Describe changes in the PRQ format implemented this year.

ABA GLOBAL HEALTH COMMITTEE FOCUS: UPDATE ON BURN CARE IN THE AMERICAS | F-363

12:15 pm–1:45 pm | Osceola 1-3  
Course Directors: Michael Peck, MD; James Gallagher, MD

This year for the ABA Global Health Forum we will focus on the activities in the Americas. Burn care professionals from North America as well as from the region will discuss the state of burn care, partnerships, successful programs, burn NGOs to be aware of, and the activities of the Federacion Latino Americana de Quemaduras.

As a result of attending this activity, the learner should be able to:

• Describe the community of burn care in the Americas and outline partnerships, programs, and activities of the local professional organization.
• Define the current activities and opportunities for collaboration between stakeholders to improve care in the Americas.
• Define the elements of collaboration to sustainably improve burn care in the Americas.
• Describe what they believe they and the ABA can do to best partner to improve burn care in the Americas.

LESIONS LEARNED FROM MASS CASUALTY DRILLS - LOCAL OPPORTUNITIES FOR ENGAGING THE MEDICAL COMMUNITY | F-364

12:15 pm–1:45 pm | Osceola A  
Course Directors: Laura S. Johnson, MD; Callie M. Thompson, MD

Mass casualty incident (MCI) drills have evolved over the years from tabletop exercises to high fidelity simulations with realistic simulated patients and complex multi-institutional scenarios. Regardless of the format, they can expose educational gaps in the training of our colleagues outside of the burn community. As part of a larger dialogue about the burn community’s responsibility for disaster preparedness, this session will use several recent MCI drills as lead points for an audience response driven multidisciplinary case-based discussion of ongoing opportunities for educating our colleagues in burn care.

As a result of attending this activity, the learner should be able to:

• Recognize common MCI drill deficits in burn scenario development and execution.
• Identify common burn knowledge gaps in non-burn colleagues.
• Describe how to develop a framework to address knowledge gaps in non-burn colleagues through disaster drill creation and execution.
Daily Schedule of CE Offerings | Friday, March 20

1:05 pm–1:15 pm  Facilitated Small Group Discussions
1:15 pm–1:25 pm  Opportunities for Collaboration Outside of Your Institution
James C. Jeng, MD
1:25 pm–1:35 pm  Facilitated Small Group Discussions
1:35 pm–1:45 pm  Educational Topics for Providers Outside of the Burn Community
Jeffrey E. Carter, MD

THE USE AND VALUE OF HEALTH ECONOMICS IN BURN CARE | F-365

12:15 pm–1:45 pm | Osceola B
Course Directors: William L. Hickerson, MD; Narayan Iyer, PhD; Stacey Kowal
This session will provide foundational education on health economics and economic modeling. Directors will review health economics tools and NBR data available for inpatient burn care, with information on how tools can benchmark burn center performance, track patient outcomes and inform value analysis committee evaluations. The session will present recent application of economic modeling and NBR-derived insights in burn care research to: understand the nuanced relationship between patient characteristics and outcomes (LOS, procedures), current treatment patterns, inpatient costs across patient types and unique interventions as well as projected impact of new interventions on burn center resource use and overall costs.

As a result of attending this activity, the learner should be able to:
• Define health economics and its role in the US healthcare environment.
• Explain the potential uses and benefits from health economics investigations in burn care.
• Evaluate examples of the use of real-world evidence and economic modeling in burn care as they relate to LOS, resource use, new interventions (VAC process), care pathway/procedures, estimating costs/savings.
• Discuss how to utilize health economics as another mechanism for understanding value of new treatments and to support any care/process improvements within their burn centers.

12:15 pm–12:35 pm  Introduction – BARDA Vision for Burn Care
Narayan Iyer, PhD
12:35 pm–12:50 pm  Challenges Facing Burn Surgeons
William L. Hickerson, MD
12:50 pm–1:20 pm  Health Economics in Burn Care
Stacey Kowal
1:20 pm–1:35 pm  Practical Applications of Health Economics in Burn Centers
William L. Hickerson, MD
1:35 pm–1:45 pm  Review of Health Economic Concepts to Improve the Delivery of Burn Care
Narayan Iyer, PhD

BURN THERAPIST CERTIFICATION: PROGRAM UPDATE, TIPS FOR SUCCESS AND DISCUSSION WITH BT-C CERTIFIED THERAPISTS | F-366

12:15 pm–1:45 pm | Orange Blossom Ballroom
Course Directors: Ingrid Parry, MS, PT, BT-C; Lisa Forbes, BScOT(c), BT-C
This forum will allow therapists who are interested in applying for Burn Therapist Certification (BT-C) to hear about the changes to the BT-C program, learn tips for succeeding and have a ‘question and answer’ session with successful applicants who will describe their experience and how they prepared for certification.

As a result of attending this activity, the learner should be able to:
• Describe the changes to the BT-C program and application process.
• Apply tips for success to their own BT-C application.
• Discuss a variety of methods for preparation for BT-C, based on past applicant experiences.

12:15 pm–12:35 pm  ABA Burn Therapy Certification Program Updates
Ingrid Parry, MS, PT, BT-C
12:35 pm–12:55 pm  My Experience Applying for BT-C - Using the Reviewer Feedback to Improve My Application
Brooke Murtaugh, OTD, OTR/L, BT-C
12:55 pm–1:45 pm  My Experience Applying for BT-C - Managing My Time to Prepare the Application
Audrey O’Neil, DPT
12:55 pm–1:45 pm  My Experience Applying for BT-C - The International Perspective
Stephanie J. Wicks, BAppSc
12:55 pm–1:45 pm  My Experience Applying for BT-C - A Comparison to Other Certifications
Renee Warthman, MS, OTR/L, BT-C

MONITORING NUTRITION IN BURN PATIENTS
F-367

12:15 pm–1:45 pm | Osceola 4-6
Course Directors: Kate Wallace, MS, RD, CNSC; Danielle Toepfer, RD, CNSC
There are many strategies for monitoring nutrition provision for burn patients. This session will review literature on the principles of nutrition monitoring and will share best practices regarding metabolic cart studies and urinary urea nitrogen measurements (UUN).

As a result of attending this activity, the learner should be able to:
• Define metabolic cart studies and UUN measurements.
• Interpret results of metabolic cart studies and UUN to adjust nutrition needs for burn patients.

12:15 pm–1:00 pm Strategies for Monitoring the Adult Burn Patient Using Indirect Calorimetry and Nitrogen Balance Studies  
Beth A. Shields, MS, RD, LD, CNSC

1:00 pm–1:35 pm Monitoring Nutrition in the Pediatric Burn Patient  
Terri Capello

EDUCATIONAL FORUMS

OUTCOME MEASURES: CURRENT TRENDS AND APPLICATIONS IN BURN CARE | F-368
2:00 pm–4:00 pm | Osceola B
Course Directors: Lynne Benavides, OTR/L, CHT; Jeffrey C. Schneider, MD; Betsey Ferreira, MSPT

There are many outcome measures utilized in health care. This session will offer the learner information on the trends and application of outcome measures in burn rehabilitation therapy, with focus on relationship of measures to the World Health Organization International Classification of Functioning (ICF) framework, including what qualities constitute a good outcome measure, what are the domains of mobility and hand function; and how outcome measures are used in practice to enhance documentation as well as to demonstrate evidence-based practice.

As a result of attending this activity, the learner should be able to:

• Describe the use of outcome measures in the context of the ICF.
• Discuss the principles of sound outcome measures, including reliability, validity and how to choose the right metric.
• Discuss which outcome measures are most effective for use in burn rehabilitation in areas of impairment, activity, and participation.

2:00 pm–2:20 pm Intro of the ICF in the Context of Outcomes  
Lynne Benavides, OTR/L, CHT

2:20 pm–2:40 pm Patient Reported Outcome Measures: How to Evaluate Their Psychometric Properties and Applications in the Real World?  
Lewis Kazis, ScD

2:40 pm–3:00 pm Mobility Outcome Measurements  
David Lorello, PT, DPT, BT-C

3:00 pm–3:20 pm Hand Function Outcomes  
Bernadette Nedelec, BScOT(c), PhD, BT-C

3:20 pm–3:40 pm Review of Activity/participation Outcomes  
Colleen M. Ryan, MD

3:40 pm–4:00 pm Panel Discussion/ Q&A on How to Utilize Metrics in Practice

IT’S NOT ALL ABOUT THE PATIENT, WHAT ABOUT THE STAFF? PART III | F-369
2:00 pm–4:00 pm | Miami
Course Directors: Tammy Coffee, RN, MSN, APRN; Robert Smith, PhD

Team work is essential for patient safety as well as staff well-being. This session will review key elements of team development through a series of fun and engaging activities. Each activity will highlight specific skills and strategies to improve communication and team building.

As a result of attending this activity, the learner should be able to:

• Identify the components of a multi-team system that must work together effectively to ensure patient safety.
• Identify tools and strategies that can improve a team’s communication.
• Discuss how situation monitoring affects team processes and outcomes, explain situation awareness, and identify undermining conditions.
• Describe how mutual support affects team processes and outcomes; discuss specific strategies to foster mutual support.

2:00 pm–2:15 pm Introduction  
Robert Smith, PhD

2:15 pm–2:30 pm Review of Tools  
Tammy Coffee, RN, MSN, APRN

2:30 pm–2:45 pm Activities/debrief Tactile Tango  
Robert Smith, PhD; Tammy Coffee, RN, MSN, APRN

2:45 pm–3:00 pm Activities/debrief Cup Flip  
Robert Smith, PhD; Tammy Coffee, RN, MSN, APRN

3:00 pm–3:15 pm Activities/debrief Pasta Palace  
Robert Smith, PhD; Tammy Coffee, RN, MSN, APRN

3:15 pm–3:30 pm Activities/debrief Egg’cellent Transport  
Robert Smith, PhD; Tammy Coffee, RN, MSN, APRN

3:30 pm–3:45 pm Activities/debrief Trauma Tots  
Robert Smith, PhD; Tammy Coffee, RN, MSN, APRN

3:45 pm–4:00 pm Summary/Remarks  
Robert Smith, PhD; Tammy Coffee, RN, MSN, APRN
MAC FORUM: EFFECTIVE MEETING STRATEGIES FOR BURN ROUNDS | F-370
2:00 pm–4:00 pm | Osceola 4-6
Course Directors: Vincent Gabriel, MD; Annette Matherly, MS, RN, CCRN; Caran Graves, RD, MS, CNSC

Most burn centers carry out a regularly scheduled meeting to review the current inpatients clinical care and medical needs. In this forum, the learner will review common strategies utilized by burn centers for both bedside rounds and cases presented in multidisciplinary meeting. Effective communication techniques will be discussed along with review of current literature in management and organizational behavior. The role of the nurse as communication manager will be discussed.

As a result of attending this activity, the learner should be able to:

• Discuss methods of planning and carrying out an effective team meeting.
• Compare communication strategies for sharing clinical information.
• Review burn unit team communication strategies and consider areas for evolution.

2:00 pm–2:10 pm  Introduction & Poll Question #1
Caran Graves, RD, MS, CNSC; Annette Matherly, MS, RN, CCRN; Vincent Gabriel, MD

2:10 pm–2:20 pm  Video: Ross Tilley Burn Team, Sunnybrook Hospital

2:20 pm–2:35 pm  Team Rounds
Amalia Cochran, MD

2:35 pm–2:45 pm  Video: Arizona Burn Team, Maricopa Integrated Health System

2:45 pm–3:00 pm  Communicating Effectively in Team Rounds
J. Bradley Wiggins, RN, BSN

3:00 pm–3:10 pm  Video: The Ohio State University Burn Team, Wexner Medical Center

3:10 pm–3:25 pm  Creating Non-threatening Environments for Communication
Kimberly Roaten, PhD, CRC

3:25 pm–4:00 pm  Poll Question #2 and Panel Discussion
Caran Graves, RD, MS, CNSC; Annette Matherly, MS, RN, CCRN; Vincent Gabriel, MD

CONTROVERSIES IN MODERN BURN CARE: THE PRO/CON DEBATES | F-371
2:00 pm–4:00 pm | Osceola 1-3
Course Directors: Victor C. Joe, MD; Robert Cartotto, MD

Experts from the burn team will debate four resolutions, defending their stances 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.

As a result of attending this activity, the learner should be able to:

• Identify the advantages and disadvantages of two opposing therapeutic approaches to the same clinical problem.
• Choose the most appropriate evidence-based therapeutic approach to a clinical problem.

2:00 pm–2:15 pm  Cultured Epidermal Autografts Should Be Used for Patients with > 70% TBSA Burns to Achieve Optimal Outcomes: Pro
William L. Hickerson, MD

2:15 pm–2:30 pm  Cultured Epidermal Autografts Should Be Used for Patients with > 70% TBSA Burns to Achieve Optimal Outcomes: Con
Robert Cartotto, MD

2:30 pm–2:45 pm  A Patient over the Age of 70 with > 50% TBSA Burns Should Be Made Comfort Care: Pro
Angela Gibson, MD, PhD, FACS

2:45 pm–3:00 pm  A Patient over the Age of 70 with > 50% TBSA Burns Should Be Made Comfort Care: Con
David G. Greenthalgh, MD

3:00 pm–3:15 pm  Nurse And/or Therapist-driven Protocols Improve Patient Outcomes and Should Be Utilized in the Burn Unit: Pro
Amy Gloger, MSN, RN, CCRN

3:15 pm–3:30 pm  Nurse And/or Therapist-driven Protocols Improve Patient Outcomes and Should Be Utilized in the Burn Unit: Con
Amanda P. Bettencourt, PhD, APRN, CCRN-K, ACCNS-P

3:30 pm–3:45 pm  Full Thickness Burns That Require Excision to Fat Should Be Temporized (i.e., Staged) with Allograft Prior to Autografting: Pro
Sharmila Dissanaike, MD

3:45 pm–4:00 pm  Full Thickness Burns That Require Excision to Fat Should Be Temporized (i.e., Staged) with Allograft Prior to Autografting: Con
Victor C. Joe, MD

SURVIVORSHIP IN DISCHARGE AND AFTERCARE PLANNING: ENGAGING FAMILIES AND BURN SURVIVORS AS BURN TEAM MEMBERS | F-372
2:00 pm–4:00 pm | Orange Blossom Ballroom
Course Directors: Pam Peterson, RN, BSN; Karen Badger, MSW, PhD, LISW-S

Psychosocial burn recovery requires interprofessional team expertise and patient and family inclusion. An early start in aftercare planning can help the team understand
the challenges, worries, strengths, resources, coping skills, goals, and hopes of families and patients assists with building a compassionate understanding of their experiences and assess readiness to plan and discuss reintegration and aftercare needs and resources. Engagement strategies are presented with a specific focus on family experiences as survivors of the burn injury and ways through which they can be supported and empowered to be prepared to assist the burn survivor with aftercare and social reintegration needs.

As a result of attending this activity, the learner should be able to:

- Describe strategies to engage with burn patients and families and build relationships early to assist with individualized aftercare planning.
- Discuss potential challenges and needs families of burn survivors may experience during the burn survivor’s hospitalization and after discharge and identify mechanisms to include them in patient-entered aftercare planning.
- Examine current practice and integrate motivational interviewing strategies to develop compassionate understanding of patient and family experiences, assess strengths and abilities, and identify aftercare support needs.

| 2:00 pm–2:15 pm | Introduction- families as Burn Team Members and Patient- centered Care: What Do We Expect? | Victor C. Joe, MD |
| 2:15 pm–2:30 pm | Compassionate Understanding of Family Survivorship | Mona Kreuger, MSW |
| 2:30 pm–3:00 pm | Creating an Inclusive Environment for Patient and Family Survivors | Mona Kreuger, MSW; Keturah Sloan |
| 3:00 pm–3:35 pm | Continuing Support Through Aftercare: Asking Questions Differently with Motivational Interviewing | Karen Badger, MSW, PhD, LISW-S; James Bosch |
| 3:35 pm–4:00 pm | Questions | Karen Badger, MSW, PhD, LISW-S; Pam Peterson, RN, BSN |

Providing safe, evidenced based, high quality burn care may be challenging in the complex healthcare environments within which burn centers function, however it is essential that burn professionals undertake quality and safety initiatives to improve patient outcomes. 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 program journey and the newly developed ABA Burn Care Quality Platform and quality programs. It will take a dive into implementation science and human factors to identify strategies and resources to implement successful and sustainable QI changes in the burn center, and finally, this education forum will connect dots and point out differences between traditional research methodologies and QI, and explore the publication of QI work. To produce a masterpiece, QI requires multidisciplinary effort and intellect which focuses on unifying movements or changes with balance and formal discipline. A true Ode to Joy.

As a result of attending this activity, the learner should be able to:

- Describe how to apply new skills and knowledge to develop and implement healthcare improvement projects in burn care.
- Identify models and strategies for disseminating evidence and leading innovation.
- Apply new strategies to engage with stakeholders to conduct improvement.
- Discuss implementation science as a way to help improve burn care.

| 2:00 pm–2:05 pm | The Prelude: Introduction | Yvonne Singer, RN, BN, PGD, CF |
| 2:05 pm–2:20 pm | The Sonata: Previous ABA Registry Programs | Palmer Q. Bessey, MD, MS; David Harrington, MD |
| 2:20 pm–2:50 pm | The Adagio: Quality Improvement | Alan D. Rogers, MBChB, MSc, MMed |
| 2:50 pm–3:25 pm | The Minuet: Implementing change and QI | Yvonne Singer, RN, BN, PGD, CF; Jamie Heffernan, MSN, RN |
| 3:25 pm–3:50 pm | Presto: future ABA Registry Efforts | Palmer Q. Bessey, MD, MS |
| 3:50 pm–4:00 pm | Encore: Q&A | Yvonne Singer, RN, BN, PGD, CF; Palmer Q. Bessey, MD, MS; David Harrington, MD; Alan D. Rogers, MBChB, MSc, MMed; Jamie Heffernan, MSN, RN |

**IMPLEMENTING QUALITY IMPROVEMENT IN THE BURN CENTRE: A SYMPHONY IN FIVE PARTS | F-373**

| 2:00 pm–4:00 pm | Osceola A | Course Directors: Yvonne Singer, RN, BN, PGD, CF; Jamie Heffernan, MSN, RN; Alan D. Rogers, MBChB, MSc, MMed |

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#ABA52 | 41
HAUNTING ETHICAL CASES: APPLICATION OF ETHICAL PRINCIPLES | F-374

2:00 pm–4:00 pm | Sarasota
Course Directors: Callie M. Thompson, MD; Ariel Aballay, MD

Burn injuries present numerous clinical and ethical challenges to all members of the burn team. Challenging ethical cases can haunt burn caregivers for years after the fact. Cases will be presented that raise unique challenges and provide opportunities to discuss how the core ethical principles of beneficence, nonmaleficence, autonomy, and justice should be applied. Exploring the ethical questions these cases raised with uninvolved individuals can provide a new perspective and stimulate thought-provoking discourse.

As a result of attending this activity, the learner should be able to:

• List the four core ethical principles; beneficence, nonmaleficence, autonomy, and justice.
• Consider ethical conundrums in burn care within a basic ethical framework.
• Describe how to develop a practical approach to resolve ethical issues.
• List the ethical resources available in the hospital setting.

2:00 pm–2:10 pm  Haunting Ethical Cases: Ethical Frameworks for Discussion
Callie M. Thompson, MD

2:15 pm–3:30 pm  Round Table Discussion
Ariel Aballay, MD; Monica L. Gerrek, PhD; Todd F. Huzar, MD; Callie M. Thompson, MD; Julie Caffrey, DO; Bradley Rogers; Linda Gibbons, MS, RN, NEA-BC

3:30 pm–4:00 pm  Haunting Ethical Cases: Large Group Discussion, Wrap Up
Ariel Aballay, MD

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To all our amazing ABLS Instructors!

Thank you for your dedication and support to the ABLS Program. We greatly appreciate all you do!
POSTER SESSIONS

Exhibit Hall – EF

POSTER SESSION I: ABSTRACTS # 500–670
Clinical Sciences: Critical Care 1
Clinical Sciences: Critical Care 2
Clinical Sciences: Wounds and Scars 1
Clinical Sciences: Wounds and Scars 2
Public Health/Epidemiology 1
Public Health/Epidemiology 2
Psychological and Psychosocial 1
Psychological and Psychosocial 2
Quality Improvement 1
Quality Improvement 2
Nursing 1
Outpatient Care 1
Prevention 1
Rehabilitation 1
Translational Sciences: Critical Care, Wounds and Scars 1
Translational Sciences: Critical Care, Wounds and Scars 2
Clinical Sciences: Nutrition and Metabolism

Poster Set-up (for Wednesday Rounds)
Tuesday, March 17 | 12:00 pm–2:00 pm

Poster Viewing Hours
Tuesday, March 17 | 3:00 pm–7:00 pm
Wednesday, March 18 | 9:30 am–2:00 pm

Rounds with Professors and Authors
Wednesday, March 18 | 12:30 pm–1:30 pm

Poster Dismantle
Wednesday, March 18 | 2:00 pm–3:00 pm

POSTER SESSION II: ABSTRACTS # 700–870
Clinical Sciences: Critical Care 3
Clinical Sciences: Critical Care 4
Clinical Sciences: Wounds and Scars 3
Clinical Sciences: Wounds and Scars 4
Public Health/Epidemiology 3
Public Health/Epidemiology 4
Psychological and Psychosocial 3
Psychological and Psychosocial 4
Quality Improvement 3
Quality Improvement 4
Nursing 2
Outpatient Care 2
Prevention 2
Rehabilitation 2
Translational Sciences: Critical Care, Wounds and Scars 3
Reconstruction
Pain and Pruritis

Poster Set-up (for Thursday Rounds)
Wednesday, March 18 | 3:00 pm–5:00 pm

Poster Viewing Hours
Wednesday, March 18 | 4:00 pm–7:00 pm
Thursday, March 19 | 9:30 am–2:00 pm

Wine & Cheese Reception with Authors
Wednesday, March 18 | 5:30 pm–7:00 pm

Rounds with Professors and Authors
Thursday, March 19 | 12:30 pm–1:30 pm

Poster Dismantle
Thursday, March 19 | 2:00 pm–3:00 pm

BEST IN CATEGORY POSTERS

Sarasota
Friday, March 20 | 10:00 am–12:00 pm

Moderators: Cynthia L. Reigart, RN, MSN; J. Bradley Wiggins, RN, BS
Judges: Robert C. Cartotto, MD; Ingrid Parry, MS, PT, BT-C; Lauren Moffat, PhD; Vincent Gabriel, MD

Best in Category posters will be selected by the poster moderators. All posters with blue ribbons should be left in the exhibition hall. Staff will move them. The Best in Category presentation will be done in the Orange Blossom Ballroom on Friday at 10:00 am using the electronic poster that was submitted. Each presenter will stand at the podium and have 2 minutes to present the overview of the poster. The top three will be selected by the Chairs of the Program, Research, and Membership Advisory Committees.
### POSTER SESSION I: ABSTRACTS # 500-670

#### Clinical Sciences: Critical Care 1 | R-121
Moderators: Soman Sen, MD; Steven Kahn, MD

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<th>Poster Number</th>
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<td>500</td>
<td>Intracranial Injuries and the Effect of Fluid Resuscitation in Burn Patients</td>
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<td>501</td>
<td>Burn Center Referral of Patients with Suspected Stevens-Johnson Syndrome (SJS)/Toxic Epidermal Necrolysis (TEN)</td>
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<td>502</td>
<td>Use of Hydrocortisone, Vitamin C, and Thiamine to Treat Burn Sepsis: A Case Series</td>
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<td>503</td>
<td>Cardiac Arrhythmias and Dysfunction in Pediatric Burns</td>
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<td>504</td>
<td>Venous Thromboembolism Chemoprophylaxis in Burn Patients: A Literature Review and Single-institution Experience</td>
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<td>505</td>
<td>Burn Sepsis: Does the Initial Vitamin C Level Matter?</td>
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<td>506</td>
<td>Anticoagulation After Thrombolytic Treatment for Frostbite: A Case Series</td>
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<td>507</td>
<td>Outcomes After the Administration of Hydroxocobalamin</td>
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<td>508</td>
<td>Fungal Infections in Burn Patients from 2014-2019: A 5-year Retrospective Review</td>
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<td>Fungal Infections After Blast and Thermal Injury</td>
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#### Clinical Sciences: Critical Care 2 | R-122
Moderators: Nicole S. Gibran, MD; Victor C. Joe, MD

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<td>510</td>
<td>Incidence of Extubation Failure in a Burn Intensive Care Unit: Examination of Contributing Factors</td>
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<td>Point-of-care 3-dimensional Body Mapping for Determining Total Body Surface Area in Severely Burned Patients</td>
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<td>Single Center Experience with Venous Thromboembolism Prophylaxis for Obese Burn Patients</td>
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<td>Simplified Approach to Incorporating Glycemic Response Within a Continuous Insulin Infusion Algorithm to Improve Incidence of Hypoglycemia in a Single Burn Center</td>
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<td>Post-burn Malnutrition and Associated Cardiomyopathy</td>
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<td>515</td>
<td>Compliance with a Restrictive Blood Transfusion Strategy: Do We Actually Follow Scientific Evidence?</td>
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<td>Mortality from Inhalation Injury in Oxygen Dependent Patients Exceeds Prediction from Prognostic Models</td>
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<td>517</td>
<td>ALDEN Based Determination of Culprit Drugs in Stevens-Johnson Syndrome: A 15-year Single Center Review</td>
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<td>Relationship of Microbiome, Antimicrobial Resistance, and Wound Closure in &gt;90% Burn Patients</td>
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<td>519</td>
<td>Retrospective Pilot Study to Examine Potential Predictors of a Standardized Scoring System for Smoke Inhalation Injury</td>
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#### Clinical Sciences: Wounds and Scars 1 | R-123
Moderators: David G. Greenhalgh, MD; Alan D. Rogers, MBChB, MSc, MMed

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852 A Novel Approach to Treating Minor Burn Scar Contractures in Children Using Laser Surgical Cuts
853 Microblading in Patients with Facial Burn Injuries
854 Modified Millard Forked-flap for Complete Nasal Stenosis After Smoking While on Home Oxygen
855 Reconstruction of Severe Burns to the Breast in Pediatric Patients: A Ten-year Experience
856 A Pilot Study of a Point-of-care Wound Bed Assay to Predict Graft Take
857 Reconstruction of the Pediatric Upper Extremity Following High Voltage Electrical Burn Injury
Poster Sessions

Pain and Pruritis | R-237
Moderators: Jennifer Brandt, PharmD; Todd A. Walroth, PharmD, BCPS, BCCCP

860 Impact of Orally Administered Tramadol Combined with Self-selected Music on Adult Outpatients with Burns Undergoing Dressing Change: A Randomized Controlled Trial
861 Analgesia After Burns: A Case Series and Development of a Multimodal Analgesic Enhanced Recovery Pathway
862 Challenges and Lessons Learned from Opioid Pharmacogenetic Studies in Burn Patients
863 Drug Addiction and Opioid Use in the Acute Burn Patient
864 Perioperative Multimodal Analgesia Reduces Opioid Use Following Skin Grafting in Burn Patients
865 Assessing Opioid Administration in Pediatric Burn Patients with Nonsurgical Management
866 Meeting the Challenge of Analgesia in a Pregnant Woman with Burn Injury Using Subanesthetic Ketamine: A Case Report
867 The Effect of Financial Reward on Opioid Use After Thermal Injury to the Upper Extremity
868 Guideline for Discharge Opioid Prescription Management in Adult and Pediatric Burn Patients
869 Opioid Utilization in Pediatric Burn Patients

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New York Presbyterian Hospital
New York, NY

HARVEY STUART ALLEN DISTINGUISHED SERVICE AWARD
J.A. Jeevendra Martyn, MD, FRCA, FCCM
Shriners Hospitals for Children
Boston, MA

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University of Washington Medicine
Regional Burn Center
Seattle, WA

JOHN A. MONCRIEF AWARD
San Jose Firefighters Burn Foundation
San Jose, CA

BARBARA KNOTHE BURN THERAPIST ACHIEVEMENT AWARD
Elizabeth Rivers, OT, RN
(posthumously)
Regions Burn Center
St. Paul, MN

CURTIS P. ARTZ DISTINGUISHED SERVICE AWARD
Heather A. Shankowsky, RN, CCRP
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### Hemostasis

<table>
<thead>
<tr>
<th></th>
<th>TIME</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Donor Site</strong></td>
<td><strong>BloodSTOP® IX</strong> 5-10 mins</td>
<td>$250</td>
</tr>
<tr>
<td>Traditional Treatment²</td>
<td>1-2 hours</td>
<td>$2,500</td>
</tr>
<tr>
<td><strong>Skin Graft Site</strong></td>
<td><strong>BloodSTOP® IX</strong> 10-15 mins</td>
<td>$20,500</td>
</tr>
<tr>
<td>Traditional Treatment²</td>
<td>2 hours</td>
<td>$190,000</td>
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### Healing

<table>
<thead>
<tr>
<th></th>
<th>TIME</th>
<th>COST</th>
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<tbody>
<tr>
<td><strong>Donor Site</strong></td>
<td><strong>BloodSTOP® IX</strong> 7 days</td>
<td>$500</td>
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<tr>
<td>Traditional Treatment²</td>
<td>28 days</td>
<td>$25,000</td>
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<tr>
<td><strong>Skin Graft Site - Total Stay</strong></td>
<td><strong>BloodSTOP® IX</strong> 21 days</td>
<td>$109,668</td>
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<tr>
<td>Traditional Treatment²</td>
<td>59.4 days</td>
<td>$791,687</td>
</tr>
</tbody>
</table>

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1. TBSA: Total body surface area; DPT: Deep partial thickness; FT: Full thickness
2. Traditional treatment usually consists of: petroleum dressing for donor site healing; epi-soaked collagen & silica based compression dressing, suture ligation, and electrocautery for hemostasis of DPT/FT burn; dermal substitutes, silver products, and anti-microbials for healing of DPT/FT burn.

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