Midwestern Region Burn Conference

RALLY AND SHARE: BEST PRACTICES IN BURN CARE

The Madison Concourse Hotel • Madison, Wisconsin

Pre-conference Advanced Burn Life Support (ABLS) Courses: OCTOBER 20-21, 2010
• Provider
• Instructor

Pre-conference Workshops: OCTOBER 21, 2010
• Adventures in Burn Nursing
• Rehab Rally: Getting Patients Back in the Game

This program is endorsed by the American Burn Association (ABA) and is held in cooperation with the Midwestern Region Burn Centers of the American Burn Association

Sponsored by:
UNIVERSITY OF WISCONSIN • SCHOOL OF MEDICINE AND PUBLIC HEALTH • BURN CENTER • DEPARTMENT OF SURGERY
OFFICE OF CONTINUING PROFESSIONAL DEVELOPMENT IN MEDICINE AND PUBLIC HEALTH
UNIVERSITY OF WISCONSIN-MADISON CONTINUING EDUCATION IN NURSING

www.midwesternregionburnconference.com
On behalf of the Midwestern Medical Directors and their teams, we invite you to join us in Madison, Wisconsin for our annual regional burn conference. Don't miss this unique forum for oral and poster presentations for all burn care disciplines, at all levels of experience. Our conference theme, “Rally and Share: Best Practices in Burn Care” reflects this great opportunity for sharing and discussing ideas and experiences to optimize burn care outcomes.

Our program includes abstracts from burn care team members in 11 states across the country! We are also happy to offer some repeat program favorites including the ABA Presidents Panel, ABA Presidential Address, as well as pre-conference workshops focused on nursing and rehabilitation. To complement your educational experience, a tour of the University of Wisconsin Hospital and Clinics Burn Center and American Family Children's Hospital will be offered, combined with some highlights of the UW-Madison campus.

Madison is a beautiful place to visit in autumn and offers excellent dining and entertainment. The conference hotel is located one block off the Capitol Square and one block away from shopping and dining on Madison’s well-known State Street. On Saturday, plan to visit the popular Dane County Farmers’ Market on the Capitol Square for fresh apple cider and other fall market favorites. Visit our conference website for more information on fun things to do in Madison.

We look forward to seeing you in October!

Lee D. Faucher, MD
Program Chair
Audience

This conference is intended for the entire burn team: surgeons, nurses, occupational and physical therapists, as well as specialty members including pharmacists, child life specialists, social workers, paramedics, and nutritionists. It is also relevant to emergency medicine physicians and emergency room nurses, particularly from hospitals that participate in a statewide trauma system; family and pediatric practitioners who see and treat individuals with thermal injuries, and postgraduate residents from these disciplines.

Learning Objectives

A multidisciplinary approach to burn care is essential for improving patient outcomes. At the conclusion of this conference, participants will be able to:

• Utilize successful burn prevention education strategies.
• Apply burn wound care techniques that have proven successful at other burn centers.
• Implement new critical care techniques performed successfully at other burn centers.
• Incorporate successful nursing practices from other burn centers.
• Understand successful research in pain and psychosocial treatments in patients with burn injuries.
• Share successful quality improvement projects in care of the burn injury patient to develop and improve their own practice.

See the conference schedule for learning objectives of individual presentations.

Credit

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the University of Wisconsin School of Medicine and Public Health, and the University of Wisconsin-Madison Continuing Education in Nursing. The University of Wisconsin School of Medicine and Public Health is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENTS

The University of Wisconsin School of Medicine and Public Health designates this educational activity for a maximum of 19.5 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

NOTE: The 19.5 maximum includes a maximum of 7 AMA PRA Category 1 Credit(s)™ for Pre-Conference Workshops and 12.5 AMA PRA Category 1 Credit(s)™ for the main conference on October 22-23.

The University of Wisconsin-Madison, Continuing Education in Nursing designates this educational activity for a maximum of 19.5 ANCC (60 min.) Contact Hours and for Iowa (50 min.), the award is 23.4 Contact Hours based upon full participation and successful completion of all evaluative materials.

NOTE: This includes a maximum of 7 ANCC (60 min.) Contact Hours and for Iowa (50 min.), 8.4 Contact Hours for full participation in the Pre-Conference Workshops and 12.5 ANCC (60 min.) Contact Hours and for Iowa (50 min.), 15 Contact Hours for full participation in the main conference on October 22-23.

The University of Wisconsin-Continuing Education in Nursing is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Iowa Provider Number 350

An application for 7.0 CEUs has been submitted to the Wisconsin Physical Therapy Association for Rehab Rally: Getting Patients Back in the Game, Pre-Conference Workshop.

CONTINUING EDUCATION UNITS

The University of Wisconsin - Madison, as a member of the University Continuing Education Association (UCEA), authorizes this program for .195 continuing education units (CEUs) or 19.5 hours.

POLICY ON FACULTY AND SPONSOR DISCLOSURE

It is the policy of the University of Wisconsin School of Medicine and Public Health that the faculty, authors, planners, and other persons who may influence content of this CME activity disclose all relevant financial relationships with commercial interests in order to allow CME staff to identify and resolve any potential conflicts of interest. Faculty must also disclose any planned discussion of unlabeled/unapproved uses of drugs or devices during their presentation(s). Detailed disclosures will be made in the activity materials.
**Guest Speakers**

**ABA PRESIDENT’S ADDRESS**

**Sidney F. Miller, MD, FACS**  
*Professor of Surgery  
Director, The Ohio State University Center for Burn Care*

Dr. Miller is a 1968 graduate of the Indiana University School of Medicine and completed his surgical residency at Miami Valley Hospital in Dayton, Ohio in 1973. He served two years of active duty in the United States Air Force finishing as Chief of Surgical Services with the rank of Major. He then joined Dr. Robert Finley in practice at Miami Valley Hospital/Wright State University School of Medicine where they founded a burn program which eventually grew into a program of nationwide repute. Dr. Miller joined the faculty of The Ohio State University in February of 2006 to build a burn and complex wound care program for the inpatient service at University Hospital. He currently serves as president of the American Burn Association. His primary research interests are in burn care, wound healing, nutrition and psychosocial aspects of burn management.

**KEYNOTE ADDRESS**

**David M. Heimbach, MD**  
*Professor of Surgery  
University of Washington Burn Center  
Harborview Medical Center*

Dr. Heimbach received his medical degree from Cornell University’s School of Medicine. Following his residency at the University of Texas Southwestern Medical School, Dr. Heimbach became an Assistant Professor of Surgery at the University of Washington in 1974. By 1980, Dr. Heimbach was promoted to Professor of Surgery. From 1977-2002, Dr. Heimbach served as Director of the University of Washington’s Burn Center. He is currently an attending physician for the University of Washington’s Burn Center at Harborview Medical Center in Seattle. He has been President of the American Burn Association, President of the International Society for Burn Injury, as well as a Director of the American Board of Surgery and a Governor of the American College of Surgeons. He is the author of more than 300 publications, and has trained 32 burn surgeons in one-year fellowships.

He has received numerous accolades for his contributions to burn care. In 2008, he received the American Burn Association President’s Leadership Award, and most recently, was named an Honoree for the Unsung Heroes of Compassion, a recognition presented to him by His Holiness the Dalai Lama. In 2010 he received the Tanner-Vanderput-Boswick International Prize for lifetime achievement.

**Planning Committee**

**MIDWESTERN REGION CHAIR**  
**David H. Ahrenholz, MD**  
Associate Director, Burn Center  
Regions Hospital  
St. Paul, MN

**MIDWESTERN REGION PROGRAM CHAIR**  
**Lee D. Faucher, MD**  
Co-Director of Burn Center  
University of Wisconsin Hospital and Clinics  
Associate Professor of Surgery  
University of Wisconsin School of Medicine and Public Health  
Madison, WI

**BURN REHABILITATION WORKSHOP CO-CHAIRS**  
**Cindy Maruna, PT**  
Physical Therapist  
University of Wisconsin Hospital and Clinics  
Madison, WI

**Karen Willems, OTR, CLT**  
Occupational Therapist  
University of Wisconsin Hospital and Clinics  
Madison, WI

**WOUND CARE/NURSING WORKSHOP CO-CHAIRS**  
**Valerie Welsh, RN, MSN**  
Clinical Nurse Manager, Burn Center  
University of Wisconsin Hospital and Clinics  
Madison, WI

**Cindy Schmitz, NP**  
Nurse Practitioner, Burn Center  
University of Wisconsin Hospital and Clinics  
Madison, WI

**COMMITTEE MEMBERS**

**Nicole Bennett, MS, RN, CNRN**  
Nursing Education Specialist  
University of Wisconsin Hospital and Clinics  
Madison, WI

**Connie Handel, RN**  
Nurse Care Team Leader, Burn Center  
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**Kristi Herritz, BA**  
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**CONTINUING EDUCATION SPECIALISTS**

**Barbara Rowin, BS**  
Senior Outreach Specialist, Office of Continuing Professional Development in Medicine and Public Health  
University of Wisconsin – Madison  
Madison, WI

**Vicki Zimmermann, MSN, RN**  
Nurse Planner/Outreach Specialist  
Continuing Education in Nursing  
University of Wisconsin – Madison School of Nursing
Pre-Conference ABLS Courses

WEDNESDAY, OCTOBER 20, 2010
7:30AM–4:30PM

Advanced Burn Life Support (ABLS) Provider Course

Fees: $225 (non-physicians, physician assistants, resident physicians); $350 (physicians)

Separate Registration Required: This course requires a separate registration with the American Burn Association, with fees payable directly to the ABA. For additional information, visit the ABA website at www.ameriburn.org. Contact: Elaine Barrett at (800) 548-2876 or e-mail barrett@ameriburn.org.

The Advanced Burn Life Support Provider Course is an eight-hour course for physicians, nurses, physician assistants, nurse practitioners, therapists, and paramedics. 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 the American Burn Association transfer criteria to a Burn Center. Final testing consists of a written exam and a practical assessment. The registration fee covers the tuition, manual, study guide, test, and continuing education credits.

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 designates this education activity for a maximum of 7.25 AMA PRA Category 1 Credit(s). Physicians should only claim credit commensurate with the extent of their participation in the activity. This program 101020WI has been approved by the American Association of Critical Care Nurses (AACN) for 7 contact hours, Category A, File number 00014627.

THURSDAY, OCTOBER 21, 2010
7:30AM–2:30PM

Advanced Burn Life Support (ABLS) Instructor Course

Fees: $225 (non-physicians, physician assistants, resident physicians); $350 (physicians)

Separate Registration Required: This course requires a separate registration with the American Burn Association, with fees payable directly to the ABA. For additional information, visit the ABA website at www.ameriburn.org. Contact: Elaine Barrett at (800) 548-2876 or e-mail barrett@ameriburn.org.

The Advanced Burn Life Support (ABLS) Instructor Course is a six-hour course designed for those physicians, nurses, nurse practitioners, physician assistants, and paramedics who have experience in daily patient management of burn injuries. The American Burn Association maintains the records that identify all persons who participated in the ABLS Instructor Course and also those given a certificate of completion for the ABLS Instructor Course and thus authorized as ABLS Instructors.

The ABA designates this continuing medical education activity for up to 4.5 credit hours in Category 1 of the Physician’s Recognition Award of the American Medical Association. This program also has been approved by AACN Certification Corporation guidelines for 10 contact hours, CERP Category A. Only upon the determination of the course faculty that the participant successfully completed the simulations, the skill testing stations, and the micro-teaching session is the participant given a certificate of completion for the ABLS Instructor Course.
Pre-Conference Workshops

THURSDAY, OCTOBER 21, 2010

Adventures in Burn Nursing

PURPOSE
To improve clinical practice in caring for patients with burn injuries and complicated wounds.

TARGET AUDIENCE
This workshop is designed for physicians, advanced practice providers, nurses, EMS personnel and those that have an interest in burn and wound care.

LEARNING OBJECTIVES:
At the conclusion of this learning activity, participants will be able to:

• Understand indications and limitations of nutrition and pharmacologic interventions for catabolism/hypermetabolism of burn injury.
• Understand the evidence for glycemic control in burn injury.
• Recognize individual patient factors that influence treatment outcomes.
• Identify strategies for successful orientation.
• Identify how drink contents can be customized to a patient’s preference.
• Identify factors that influence biocomposite ultra-thin silicone membrane dressing success.
• Identify successful relaxation techniques in working with school age children.
• Use distraction and relaxation techniques to decrease anxiety with burn care.
• Discuss tools available in new graduate RN education.
• Review strategies for using “thirds solution” on facial burns.
• Describe factors that impact patient learning in the burn population.
• Educate professionals on a tool burn center staff use to educate/prepare children for surgery.
• Recognize burn patterns that are concerning for abusive mechanisms of injury.

PRELIMINARY PROGRAM

AM
7:00  Registration
8:00  Nutrition and Metabolic Management of the Burn Patient
      Jackie Sullivan, MS, RD, CNSD
9:00  High Protein Drinks
      Lori Mickelson, RN

9:15  Biocomposite Ultra-Thin Silicone Membrane Usage
      Cindy Schmitz, NP

9:45  Break

10:00 Healing Images – Use of Guided Imagery
      Nancy Klein, MA and Connie Handel, RN

11:00 The Evolution of Nursing Education in University of Wisconsin Hospital and Clinics Burn Center
      Nicole Bennett, MS, RN, CNRN and Kristin Salm, RN

11:30 Health Psychology – Where is the Patient Coming From?
      Chantelle Thomas, PhD

PM
12:00 Lunch

1:00  Abusive Burns in Childhood
      Barbara Knox, MD

2:00  Show & Tell – Break-Out Sessions
      • Creative Burn Dressings
        Jackie Heinle, RN, BSN
        University of Iowa Burn Center
        Cindy Schmitz, NP
      • Sample High Protein Shakes
        Lori Mickelson, RN
      • Burn Patient Education Binder
        Luke Markus, RN
      • Wii™ – Physical Therapy Techniques
        Sam Yohannan, PT, MS
        William Randolph Hearst Burn Center, New York-Presbyterian/Weill Cornell Medical Center,
        New York, NY

3:00  Facial Burns and the Use of “Thirds Solution”
      Cindy Schmitz, NP

3:30  Navigating the Burn Experience – Burn Patient Education Binder
      Luke Markus, RN and Kristin Ryan, RN

All presenters are from University of Wisconsin Hospital and Clinics, Madison, WI unless indicated otherwise above.
Rehab Rally: Getting Patients Back in the Game

PURPOSE
Burn occupational and physical therapists are important members of the multidisciplinary burn team. Therapists help to maximize functional outcomes while trying to minimize the effects of scar formation.

This workshop will provide a general overview of burn rehabilitation with an emphasis on outpatient management. In addition, information on edema management, the use of Wii™ for rehabilitation goals, and techniques to incorporate Proprioceptive Neuromuscular Facilitation into the rehabilitation process of burns will be discussed to advance therapists’ skills in treating the patient with burns.

TARGET AUDIENCE
This workshop is designed for all burn care and rehabilitation professionals.

LEARNING OBJECTIVES
At the conclusion of the learning activity, participants will be able to:
• Review basic burn physiology and its relationship to rehabilitation and function.
• Examine the progression of the rehabilitation management of the burn patient from acute care to the outpatient setting.
• Identify three methods for scar tissue management.
• Describe how to use Proprioceptive Neuromuscular Facilitation techniques in burn rehabilitation.
• Explore the use of Wii™ in burn rehabilitation.
• Apply treatment strategies for frostbite and bilateral below knee amputations through discussion of a case study.
• Provide clinical problem solving to treat edema in the burn population.
• Demonstrate ability to fabricate or modify a splint for static progressive stretch of the upper extremity.

PRELIMINARY PROGRAM

AM
7:00  Registration
8:00  Welcome and Opening Remarks
     Lee Faucher, MD
8:15  General Overview of Burn Rehabilitation
     • Rehabilitation Management of the Acute Burn
     • Burn Physiology
     • Positioning/Splinting
     • Outpatient Management of Burn Patients
       - What to Expect and Progression of Therapy
       - Scar Tissue Management
       - Return to Work
     Karen Willems, OTR, CLT; Cynthia Maruna, PT; Tonia Midthun, OTR

PM
12:00 Lunch
1:00  Wii™-habilitation
     Sam Yohannan, PT, MS
     William Randolph Hearst Burn Center, New York-Presbyterian/Weill Cornell Medical Center, New York, NY
1:30  Case Study – Frostbite and Bilateral Below Knee Amputations with Immediate Post-Op Prosthesis
     Cindy Maruna, PT and Tonia Midthun, OTR
2:00  Break
2:15  Proprioceptive Neuromuscular Facilitation Use for Burn Rehabilitation
     Natalie Hagen, PT
3:15  Lab Breakout
     1) Splinting (hands on practice with static progressive splints for upper extremity)
        Karen Willems, OTR and Aileen Ferris, OTR, CHT, MBA
     2) Proprioceptive Neuromuscular Facilitation (hands on treatment techniques)
        Natalie Hagen, PT; Lisa Dussault, OTR, CLT; Cindy Maruna, PT
     3) Wii™-habilitation (hands on demonstration)
        Sam Yohannan, PT, MS
        William Randolph Hearst Burn Center, New York-Presbyterian/Weill Cornell Medical Center, New York, NY
4:15  Wrap Up and Questions

All presenters are from University of Wisconsin Hospital and Clinics, Madison, WI unless indicated otherwise above.
Friday, October 22, 2010

AM
7:00 Registration, Continental Breakfast, Exhibits and Posters
7:50 Welcome and Announcements
Lee D. Faucher, MD
Midwestern Region Program Chair

SESSION 1
8:00 A Randomized, Controlled, Prospective Comparison of Two Split Thickness Skin Graft Donor Site Dressings
Tahlia L. Weis, PhD*; Summer E. Hanson, MD; Cindy L. Schmitz, NP; Jennifer K. Nale, PA; Lee D. Faucher, MD; Michael J. Schurr, MD
University of Wisconsin School of Medicine and Public Health, Madison, WI
Objective: Describe donor site dressings utilized to maximize ease of use and minimize patient discomfort.

8:15 Pain Assessment in Acutely Burned Patients
Lucy A. Wibbenmeyer, MD*; Andrew Sevier, BS; Junlin Liao, PhD; Richard Rosenquist, MD; Robert Lewis, PA; Barbara Latenser, MD; Gerald Kealey, MD
University of Iowa, Iowa City, IA
Objective: Discuss pain assessment in burn patients using multiple pain assessment tools.

8:30 Determining Skin Graft Take and Implementing a System for Documentation
Paul K. Linneman, RN, BSN*
University of Missouri Healthcare, Columbia, MO
Objective: Describe a system for assessing and monitoring skin graft take in a burn unit. Discuss the difficulties in implementing such a system.

Barbara A. Latenser, MD*; Nicole P. Bernal, MD; Jannelle M. Born, BSN; Junlin Liao, PhD; Robert W. Lewis II, PA; Lucy A. Wibbenmeyer, MD; Gerald P. Kealey, MD
University of Iowa Healthcare, Iowa City, IA
Objective: Describe some trends in necrotizing acute soft tissue patients in a burn center.

9:00 An Occupational Therapy and Nursing Collaborative Aimed at Eliminating Medical Device-Related Pressure Ulcers on a Burn Unit
Donna Hogan-Kelley, MS, OTR/L*
The Nebraska Medical Center, Omaha, NE
Objective: Describe an interdisciplinary quality improvement project aimed at eliminating medical-device related pressure ulcers on a burn unit through use of evidence-based interventions.

9:15 Renal Failure in Burn Patients
Mary V. Creger, RN, BSN*
University of Missouri Healthcare, Columbia, MO
Objective: Discuss the sequelae of renal failure in burn patients. Discuss the effects of albumin administration in burn treatment.

9:30 Refreshment Break and Exhibits

SESSION 2
10:00 KEYNOTE ADDRESS
History and Advances in Burn Care
David M. Heimbach, MD, Professor of Surgery, University of Washington, Seattle, WA
Objective: Discuss history of burn care and impact on patient outcomes.

11:00 Rural/Farming Burn Prevention and Treatment Education
Elizabeth A. Taylor, RN, BSN*; Debra A. Reilly, MD
The Nebraska Medical Center, Omaha, NE
Objective: Familiarize attendees with a burn prevention and treatment education program aimed at rural/farming community members.

11:15 Safe Start Burn Prevention; Kids on the Block, INC.
Aimee K. Eilbeck, RN*
University of Iowa Hospital and Clinics, Iowa City, IA
Objective: Describe effective teaching strategies for elementary aged children on fire safety.

11:30 Multi-Center Study of Juvenile Firesetter Intervention in Burn Centers
Karla S. Ahrns-Klas, BSN, RN, CCRP*; Wendy L. Wahl, MD, FACS; Mark R. Hemmila, MD, FACS; Stewart C. Wang, MD, PhD
University of Michigan, Ann Arbor, MI
Objective: Describe juvenile firesetter interventions and programs provided by burn units in the United States.

* indicates presenting author
A Study of How Far Toddlers Can Reach Onto a Standard Kitchen Countertop  
David J. Allasio, LMSW*  
Children’s Hospital of Michigan, Detroit, MI  
**Objective:** Discuss the need for and methods to accomplish toddler safety from spill scald burns in the kitchen.

PM

12:00  Don’t Treadmill On Me  
Connie Lemke, RN*  
University of Nebraska Medical Center, Omaha, NE  
**Objective:** Increase prevention efforts with the exercising public as well as the commercial industry for increased safety and decreased ease of turning the switch.

12:15  Lunch and Exhibits

SESSION 3

1:15  Local Delivery of Mesenchymal Stem Cells for Cutaneous Wound Healing  
Summer E. Hanson, MD*; Kyle R. Kleinbeck, BS; Jaehyup Kim, MD; Lee D. Faucher, MD; W. John Kao, PhD; Peiman Hematti, MD  
University of Wisconsin School of Medicine and Public Health, Madison, WI  
**Objective:** Discuss the immunomodulatory role of MSCs in the context of wound healing.

1:30  Biomimetic Multifunctional Biomaterial for Cutaneous Wounds  
Kyle R. Kleinbeck, BS*; Yiwei Ma, BS; Lee D. Faucher, MD; John W. Kao, PhD  
University of Wisconsin-Madison, Madison, WI  
**Objective:** Discuss the role of different biomaterials in mediating wound healing and discuss the role of selected cytokines and cell-cell communication during wound healing.

1:40  EGF-Mediated NIKS Cellular Proliferation Relies on Notch1 Signaling  
Madhuchhanda Roy, MD, PhD*; Barbara Zarebczan, MD; Sandy J. Schlosser, BS; B. Lynn Allen-Hoffmann, PhD; Herbert Chen, MD; Timothy W. King, MD, PhD  
University of Wisconsin-Madison, Madison, WI  
**Objective:** Describe some underlying molecular mechanisms for wound healing.

2:00  Morphogenesis and Limited Histogenesis of Stratified Squamous Epithelia From Human Embryonic Stem Cell-Derived Keratinocytes  
Cathy A. Rasmussen, PhD*; Sandy J. Schlosser, BS; B. Lynn Allen-Hoffmann, PhD  
University of Wisconsin-Madison School of Medicine and Public Health, Madison, WI  
**Objective:** Describe how different hES-derived cell populations could be used to treat severe cutaneous trauma.

2:15  Chimeric Composite Skin Substitutes for Delivery of Autologous Keratinocytes to Promote Tissue Regeneration  
B. Lynn Allen-Hoffmann, PhD*; Cathy A. Rasmussen, PhD; Angela L. Gibson, MD, PhD; Sandy J. Schlosser, BS; Michael J. Schurr, MD  
University of Wisconsin-Madison School of Medicine and Public Health, Madison, WI  
**Objective:** Discuss the benefits and challenges associated with the clinical use of chimeric autologous/allogeneic skin substitute tissues.

2:30  Skin Substitutes Generated Using NIKS Cells Are Well-Tolerated and Are Not Acutely Immunogenic in Patients With Traumatic Wounds: Results From a Prospective, Randomized, Controlled Dose Escalation Trial  
Mary A. Lokuta, PhD*; John M. Centanni, MS; Joely A. Straseski, PhD; April F. Wicks, BS; Jacquelyn A. Hank, PhD; Cathy A. Rasmussen, PhD; Kevin N. Foster, MD; Michael J. Schurr, MD; Lee D. Faucher, MD; Daniel M. Caruso, MD; B. Lynn Allen-Hoffmann, PhD  
Stratatech Corporation, Madison, WI  
**Objective:** Discuss the immunogenicity of a novel skin substitute which has the potential to speed definitive wound closure and enhance wound healing.

2:45  Refreshment Break and Exhibits
Four Year Follow Up to Changing the Incidence of Pressure Sores in Patients with Burn Injuries: A Multidisciplinary Approach
Marla R. Robinson, OTR/L, MSc., BCPR*; Annemarie O’Connor, MSN, FNP-BC; Megan Magdziak, PT; Jennifer Taylor, RN, MS; Debbie Musgrove, Burn Registrar; Lawrence Gottlieb, MD, FACS
University of Chicago Medical Center, Chicago, IL
Objective: Discuss interventions to reduce and maintain a low incidence of pressure sores in patients with burn injuries.

Young Adult Burn Survivor Retreat
Alison R. Pauley, RN, BSN*
University of Iowa, Iowa City, IA
Objective: Describe one survivor support option for the young adult transitioning from being a burn camper to an independent adult.

The Impact of the Use of Kerlix AMD Gauze on Hospital Associated Infections in Burn Patients
Lucy Ann Wibbenmeyer, MD*; Junlin Liao, MD; Ingrid Williams, MD; Jason Heard, Student; Barbara Latenser, MD; Robert Lewis II, PA; Patrick Kealey, MD
University of Iowa, Iowa City, IA
Objective: Discuss wound management strategies to decrease the incidence of hospital associated infections in burn patients.

Humbled in Haiti: Two Nurses’ Experience in Earthquake-Ravaged Haiti
Kathleen Ann Manahan, RN*; Jacque James, RN
Regions Hospital, St. Paul, MN
Objective: To determine what impact burn nursing experience has on a Registered Nurse’s ability to provide care in a mass casualty natural disaster.

Integrating Pediatric Psychology Services in a Burn Treatment Center
Tammy L. Wilgenbusch, PhD*; Chasity Brimeyer, BA; Carrie Kimpton, EdS
University of Iowa Children’s Hospital, Iowa City, IA
Objective: Discuss how to integrate pediatric psychological services on a burn unit including: types of services available, need for services, and challenges that may be encountered.

Production of Full-Thickness Human Skin Substitute Tissues Without Animal-Derived Collagen
Ken R. Gratz, PhD*; Barry M. Steiglitz, PhD; John C. Pirnstill, BS; Nick J. Simon, BS; Sara C. Pirnstill, BS; Sarah L. Sisson, BS; Allen R. Comer, PhD; B. Lynn Allen-Hoffmann, PhD
Stratatech Corporation, Madison, WI
Objective: Discuss the key factors which impact the successful clinical use of skin substitute tissues.

Three-Dimensional Scanning Reveals BMI as Factor in Burn Size Estimation
Jessica A. Allen, BS*; Jennifer J. Whitestone, MS; J. Kevin Bailey, MD
Total Contact Inc., Germantown, OH
Objective: Discuss the disparities in the Lund and Browder segmentation system using three-dimensional surface scans of populations of firefighters and air force pilots.

Photo Tour Book: A Tool For Preparing Children To Visit The Burn Treatment Center
Lisa M. Miguel, CCLS, CTRS, BS*
University of Iowa Children’s Hospital, Iowa City, IA
Objective: Provide an example of a family-centered educational tool to enhance coping and increase knowledge.

* indicates presenting author
SESSION 4

3:45  Indirect Calorimetry Versus Mathematical Calculations After Burn Injury: Are There Improved Health Outcomes?
Christina M. Rollins, MS, RD, LDN*; Alyssa Moore, PA-C; Carisa M. Cooney, MPH
Memorial Medical Center, Springfield, IL
Objective: Discuss the relationship between routine indirect calorimetry and health outcomes after burn injury.

4:00  Early Enteral Nutrition in Critically Ill Burn Patients: A Nurse Driven Protocol
Lori Jordan, RD*; Amanda Corwin, BSN, RN; Jill Cherry-Bukowiec, MD; Stewart Wang, MD, PhD
University of Michigan Health Care System, Ann Arbor, MI
Objective: Evaluate a nurse driven protocol for achieving early enteral nutrition in critically ill burn patients.

4:15  Burn Micronutrient Pilot Repletion Study: Characterizing Relationships between Vitamin and Mineral Supplementation and Health Outcomes of Adult Burn Patients
Christina M. Rollins, MS, RD, LDN*; Michael W. Neumeister, MD; Alyssa Moore, PA-C; Carisa M. Cooney, MPH
Memorial Medical Center, Springfield, IL
Objective: Discuss the relationship between vitamin and mineral supplementation and health outcomes after burn injury.

4:30  Opening Reception and Exhibits (4:30-6:30 pm)

5:45  UW Hospital and Clinics Burn Center and American Family Children’s Hospital Tour (5:45-7:00 pm)
Tour registration is limited. Please register early to participate.

Saturday, October 23, 2010

AM

7:30  Registration, Continental Breakfast, Exhibits

SESSION 5

8:30  Daily Bed Huddles: A Gathering of the Offensive Multidisciplinary Team to Confer on Discharge Planning
Jackie Heinle, BSN*; Barbara Latenser, MD
University of Iowa Hospital and Clinics, Iowa City, IA
Objective: Discuss strategies to decrease length of stay on the burn center.

8:45  Assembly of Multi Media Education of Burn Care: A Burn Wound Team’s Experience
Rachel D. Milkowski, BSN, RN*; Amanda Corwin, BSN, RN
University of Michigan, Ann Arbor, MI
Objective: Describe the use of multimedia education for care of the burn population.

9:00  School Re-Entry: Easing the Transition
Lisa Marie Miguel, CCLS, CTRS, BS*; Bridget Werling, RN, BSN; Aimee Ellbeck, RN
University of Iowa Children’s Hospital, Iowa City, IA
Objective: Describe the school re-entry program and share a variety of ways to ease the child’s transition back to school.

9:15  Surrogate Decision Makers: How Do You Know If You Are Talking to the Right Person?
Jane G. Housnell, MSW, LCSW*
Columbia St. Mary’s Hospital, Milwaukee, WI
Objective: Enable attendees to determine who the appropriate surrogate decision-maker is when a surrogate is required. Understand Health Care Power of Attorney (HCPOA) vs. guardianship.

9:30  Burn Injuries in Eastern Province of Zambia: Can Multidisciplinary Teaching Teams Improve Burn Care?
Barbara A. Latenser, MD*; Dianna Edwards; Jason Heard; Keely Y. Quinn, BA; Jaap van Bruggen, MD; Goran Jovic, MD
University of Iowa Healthcare, Iowa City, IA
Objective: Describe some effects of multidisciplinary teaching teams on a burn unit in Eastern Province of Zambia.

9:45  Living Miracles: Pediatric Burn Support
Lisa Marie Miguel, CCLS, CTRS, BS*; Tammy Wilgenbusch, PhD
University of Iowa Children’s Hospital, Iowa City, IA
Objective: Learn how you can start your own pediatric burn support group with minimal resources.

10:00  Refreshment Break and Exhibits

SESSION 6

10:30  ABA PRESIDENT’S ADDRESS
ABA Outreach to Support Your Burn Center
Sidney F. Miller, MD, FACS
Director, The Ohio State University Medical Center
Burn Center, Columbus, OH
Objective: Discuss how burn team members can benefit and improve care through resources and opportunities available through ABA.
11:15 Complex Rehabilitation of a Meningitis Patient with Purpura Fulminans: A Case Study
Corinne K. Fenton, OTA*
University of Iowa Hospital and Clinics, Iowa City, IA
Objective: Understand relationships between physical/mental health affecting rehabilitation of a patient with meningitis and purpura purpontens.

11:30 Cryptococcus Neoformans Peritonitis - A Rare Complication in the Burn Unit
Michelle M. Fogle, BSN*; Renee Jarrett, PhD; Brian Youn, MD
St. Joseph Hospital, Fort Wayne, IN
Objective: Describe a rare pathogen associated with a combination of broad spectrum antibiotics, plastic bag decompressive laparotomy, and extensive abdominal burns and a potential antibiotic regimen.

11:45 High Voltage Electrocution Injury of the Small Bowel
Patricia Campbell, PA*; Michelle M. Fogle, BSN; Brian Youn, MD
St. Joseph Hospital, Fort Wayne, IN
Objective: Describe a rare finding associated with electrical burn injuries which may lead to complications such as feeding intolerance and/or sepsis.

PM
12:00 Lunch and Exhibits
Physician's Business Luncheon (invitation only)

SESSION 7
1:00 Burn Survivors Perspectives on Rehabilitation
Sam K. Yohannan, PT*; Hope Hunter, PT; Maureen Marren, PT; Malvina Sher, PT; Patricia Tufaro, OT; Delia I. Gorga, PhD, OT; Roger W. Yurt, MD
New York-Presbyterian/Weill Cornell Medical Center, New York, NY
Objective: Discuss the efficacy of burn therapy interventions from the retrospection of burn survivors.

1:15 Effectiveness of a Burn Rehabilitation Workshop in Addressing Confidence in Therapy Providers
Michael S. Reynolds, OT*; James Lenk, PT; Donna Bergkamp, OT; Kimberly A. Hallacy, PT
Via Christi Regional Medical Center, Wichita, KS
Objective: Discuss the effectiveness of an education workshop to improve the confidence of therapists inexperienced in burn care in providing rehabilitation to burn survivors.

1:30 Burn Survivor Peer Support: Assessing, Implementing and Integrating a Program
Melissa A. Kersten, RN, BSN; Rose Koller, RN, BSN*
Columbia St. Mary's Hospital, Milwaukee, WI
Objective: Identification of the need for and benefit of peer support and knowledge of steps for implementing and integrating formal peer support training.

1:45 MRSA Reduction: A Continuous Quality Improvement Project
Candyce Noreen Kuehn, RN, BAN, MBA*
Regions Hospital, St. Paul, MN
Objective: Evaluate the success of a Continuous Quality Improvement (CQI) process to reduce MRSA transmission and infections, and improve hand hygiene.

2:00 Refreshment Break and Exhibits

2:15 Presidents Panel: The Controversies of Burn Care and Rehabilitation
Past and Current American Burn Association Presidents
Objective: Examine controversial clinical approaches of various aspects of burn care and rehabilitation.

SESSION 8
3:00 Utilization of the Distress Thermometer in the Burn and Wound Care Population
Pam A. Wiebelhaus, RN, MSN(c)*; Jessica K. Reed, MSN(c); David W. Voigt, MD
Saint Elizabeth Regional Medical Center, Lincoln, NE
Objective: Discuss strategies to assess patient’s emotional status with the use of the distress thermometer.

3:15 Methicillin-Resistant Staphylococcus Aureus (MRSA) Admission Screening Protocol in a Burn Unit
Thomas Schneider, MD*; Patricia J. Haugh, RN, BSN, MSN
Columbia St. Mary’s Hospital, Milwaukee, WI
Objective: Describe the incidence of MRSA in patients admitted to the burn unit.

3:30 Outpatient Treatment Options for Managing Electrical Injuries
Christine M. Gilyard, MA, LAMFT*; David H. Ahrenholz, MD; Jody M. Rood, RN, BSN; Marsha J. Fields, EdD, LP
Regions Hospital, St. Paul, MN
Objective: Describe outpatient forms of treatment available for the management of electrical injuries.

* indicates presenting author
A Coordinated Regional/State Response to Burn Mass Casualty Incidents
Amanda K. Corwin, BSN, RN*; Michelle Mora, BSN, RN, EMT-P; Shivley Robin, Manager; Linda Scott, BSN, MA; Stewart Wang, MD, PhD
University of Michigan Health Care System, Ann Arbor, MI
Michigan Department of Community Health, Lansing, MI

Objective: Describe a regional/state burn mass casualty plan and the components.

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2011 MIDWESTERN REGION BURN CONFERENCE
HOSTED BY UNIVERSITY OF IOWA
Riverside Casino & Golf Resort, Riverside, IA • September 28-30, 2011
General Information

CONFERENCE DATES
October 22-23, 2010

PRE-CONFERENCE WORKSHOP DATE
October 21, 2010

ABLS WORKSHOP DATES
October 20-21, 2010

THE MADISON CONCOURSE HOTEL
1 West Dayton Street, Madison, WI 53703
Phone: (608) 257-6000 or Toll Free (800) 356-8293

CONFERENCE FEE
The conference fee of $200 (non-physician) and $300 (physician) covers the cost of tuition, materials, breaks, breakfasts and lunches. This includes a nonrefundable registration fee of $50. If registration is cancelled up to 72 hours prior to the course, all but $50 of the fee will be refunded. No refunds will be made after that time. All registrations will be confirmed in writing. If you do not receive a confirmation, call (608) 262-1397.

ROOM RESERVATIONS
A block of rooms has been reserved at The Madison Concourse Hotel, telephone (800) 356-8293. The room rates are Concourse Level: $134 single/double and Governor’s Club: $174 single/double plus tax. Please mention that you are attending the Midwestern Region Burn Conference or code 12084 in order to receive this discounted rate. See conference website for online hotel booking information. All rooms will be released to the general public on September 7, 2010. Parking is available onsite at a daily rate.

DIRECTIONS
For detailed driving directions from your origination, please visit the conference website at www.midwesternburnconference.com. A map will also be sent with your registration confirmation. The hotel is also located a short distance from the Dane County Regional Airport (MSN) and complimentary airport shuttle service is available.

REGISTRATION REQUIRED
On-Line: www.midwesternburnregionconference.com

By Mail: Return your completed registration form and payment to address listed on registration form.

By Fax: (800) 741-7416 (in Madison 265-3163)

FOR FURTHER INFORMATION
For conference information, contact Terese Bailey, University of Wisconsin Office of Continuing Professional Development in Medicine and Public Health, (608) 240-2141, tmbailey@ocpd.wisc.edu or Kristi Herritz, University of Wisconsin Department of Surgery, (608) 263-2434. To cancel your registration, call (608) 262-1397.
Registration Form

MIDWESTERN REGION BURN CONFERENCE - OCTOBER 21-23, 2010

Please complete Steps 1-4 below in BLOCK letters.

Step 1. Participant Information

Name __________________________________________________________________________________________ Degree ________________________________

Please check one of the following:

- Physician
- Physician Assistant
- Resident/Fellow/Student
- Nurse Practitioner
- Nurse
- Allied Health Professional
- Other _____________________________

Institution _____________________________________________________________________________________

Work Address ___________________________________________________________________________________

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Step 2. Confirmation

- Work Address (as provided in Step 1) ~or~ - Home Address - please complete the following:

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Step 3. Registration Fees

PRE-CONFERENCE WORKSHOP REGISTRATION – THURSDAY, OCTOBER 21, 2010

- $95 Rehab Rally: Getting Patients Back in the Game (8:00am-4:30pm)

  Breakout #1 (Please check one)

  - ________Upper Extremity Edema
  - ________Lower Extremity Edema
  - ________Face Edema/Jaw Function
  - ________Lower Extremity Wound Care and Compression Wraps

  Breakout #2 (Please check one)

  - ________Splinting
  - ________Proprioceptive Neuromuscular Facilitation
  - ________Wii-habilitation Hands On Demonstration

- $95 Adventures in Burn Nursing (8:00am-4:15pm)

CONFERENCE REGISTRATION

- $300 Physician
- $200 Non-Physician

TOTAL FEES: ________________________________________

- $0 Optional UW Burn Center/American Family Children’s Hospital Tour (5:45-7:00pm) - space is limited

PAYMENT METHOD (PLEASE CHECK ONE)

Register online at www.midwesternregionburnconference.com

- P.O. or check enclosed (payable to University of Wisconsin)
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