



38th John A Boswick, M.D. Burn and Wound Symposium

February, 14-18, 2016
Wailea Beach Marriott Resort and Spa, Maui, HI

Saturday, February 13, 2016

3:00 – 6:00 pm Registration

6:00 – 7:30 pm Welcome Reception

Sunday, February 14, 2016

7:15 – 7:40 am	Registration and Continental Breakfast with Exhibitors
7:40 am Paul Glat, MD	Welcome and Introduction
7:45 am Richard P. Phipps, PhD	New Insights into Scar Forming Cells and Discovery of New Anti-Scarring Drugs
8:00 am Richard J. Cartie, MD	Catastrophic Pediatric Burns: An Argument for Regionalization
8:15 am Richard Schwartz, MD	Design and Rationale for A New Generation Airway Management System
8:30 am J.E. Coates D.O., FACOS, FACS	Complex Wound Management Utilizing a Hyaluronic Acid Based Biological Matrix with a Silicone Backing
8:45 am Paul Glat, MD	The Use of Epiburn in Pediatric Burns
9:00 am Mayer Tenenhaus, MD	A 2.5 year clinical review of the use of a placental derived biologic Epifix for the management of burn wounds: The UCSD experience
9:15 am Robert Burrell, PhD	Nanostructured Silver: A Review of its Role in Healing Wounds
9:30 am	Break with Exhibitors

Sunday, February 14, 2016

- 10:00 am Alicia Lintner, RN The Use of Hyaluronic Acid Based Biological Matrix in the Management of Full Thickness Burns and Wounds
- 10:15 am Thomas Davenport, MD The Use of Dehydrated Human Amnion Chorion (DHACM) in Conjunction with Meshed Skin Grafts for Skin Grafting in the Setting of a Suboptimal Skin Grafting Bed
- 10: 30 am Benjamin Lam, DO B*Cidal, The Safe Acid
- 10:45 am Karen DiDonato, MSN, RN Safety and Efficacy of Sufentanil Sublingual Tablet 30 mcg for Treatment of Acute Pain
- 11:00 am Tracee Short, MD Case Series of Hospitalized Patients on Organic Whole Foods Enteral Nutrition Meal Replacement
- 11:15 am Ariel Miranda-Altamarino, MD Use of Polyactid Acid Based Skin Substitute in Pediatric Face Burns
- 11:30 am Robin Martin, PhD A Scientific Rationale for the Importance of Tissue Preservation in the Treatment of Burn Injury – Update on Evidence
- 11:45 am Leo Nherera, PhD Indirect Treatment Comparison of Antimicrobials in the Management of Superficial and Deep Partial Thickness Burns
- 12:00-12:30 pm Lindsay Kalan, PhD **The Carlos Blanco Annual Lecture
From Bench to Bedside: Evaluating the Effects of a Silver Oxysalt Wound Contact Layer**
- 12:45 – 1:45 pm Medline Lunch Symposium (limited to 50 attendees)**
- 5:30 pm Poster Session with Wine and Cheese Reception with Exhibitors
Sponsored by Polymedics, Inc**

Monday, February 15, 2016

6:30 am Integra Sunrise Symposium (limited to 50 attendees)

7:15 – 7:45 am Registration and Continental Breakfast with Exhibitors

7:45 am Arthur E. Desrosiers III, MD Porcine Subintestinal Submucosa (SIS) Treatment of Scalp Graft Donor Sites for Partial Thickness Burn Wounds

8:00 am Sigrid Blome-Eberwein, MD Results from Application of an Absorbable Synthetic Membrane to Superficial and Deep Second Degree Wounds

8:15 am Beretta Craft-Coffman, PA-C Retrospective Case Series of a Single Use Hemostatic Wound Dressing During Burn Surgery

8:30 am Dennis P. Orgill, MD, PhD New Strategies in Allograft Tissue Harvest for Wound Healing

8:45 am Katie Mowry, PhD Effect of Processing Techniques of Amniotic Tissues on Mechanisms of Wound Healing In Vitro

9:00 am Mohit Bhatia, PhD In vitro Wound Healing Models: Modulation of Cell attachment, Cell Proliferation and Angiogenesis in the presences of Decellularized and Dehydrated Human Amniotic Membrane (DDHAM)

9:15 am Carl Van Gils, DPM A Clinical Trial of a Bilayer Dermal Regeneration Matrix For the Treatment of Diabetic Foot Ulcers

9:30 am Break with Exhibitors

Monday, February 15, 2016

- 10:00 am Allen Comer, PhD Clinical Evaluation of StrataGraft Skin Tissue in the Healing of Deep Partial-Thickness Burns
- 10:15 am Angel Delgado, PhD A Review of the Science of and Innovations in NPWT
- 10:30 am Cesar Colasante, MD Can Dehydrated Human Amnion/Chorion Membrane Allografts be Used as an Alternative for Autologous Tissue Transfer in Small Wounds? Our Initial Experience at Jacobi Medical Center: A Case Series
- 10:45 am Thomas Davenport, MD The Use of Dehydrated Human Amnion Chorion (DHACM) for the Treatment of Pyoderma Wounds
- 11:00 am Warren Garner, MD Silver Dressings in Burn and Wound Care: Our Experience with KerraContact Ag over the Last 4 Years
- 11:15 am Ross Tubo, PhD Twenty Five Years of Epicel – The First FDA Approved Autologous Cell Therapy for Catastrophic Burns is Still Saving Lives
- 11:30 am Hanna Harris, RN Design of Evidenced-Based Guidelines for Perioperative Burn Nursing Care in Patients with Cultured Epithelial Autografts (CEA)
- 11:45 am Hamed Amani, MD Disaster Preparedness: Addressing Clinical Needs and Resources
- 12:00 pm Chandra Ellis, MD Low Maintenance use of Suprathel in 2nd degree Burns and Donor sites
- 12:15 pm Thomas Shannon, MD Hyaluronic Acid Based Matrix in a Long Term Acute Care Setting

12:45 pm – 1:45 Smith and Nephew Lunch Symposium (limited to 50 attendees)

Tuesday, February 16, 2016

7:15 – 7:45 am

Registration and Continental Breakfast with Exhibitors

7:45 am Arthur E. Desrosiers III, MD

The Numbers Don't Lie: Multiple Lumen vs Single Lumen Negative Pressure Wound Therapy – Simultaneous Clinical Comparison

8:00 am Louis Riina, MD

Treatment of Mid-Dermal to Deep Partial Thickness Pediatric Facial Scald Burns with Porcine Small Intestinal Submucosa: A Four Year Experience

8:15 am Shawn Cazzell, DPM

Healing Rates in a Multicenter Assessment of a Sterile, Room Temperature, Acellular Dermal Matrix vs Conventional Wound Care Management and active Comparator in Treatment of Full Thickness Diabetic Foot Ulcers

8:30 am Dennis P. Orgill, MD, PhD

Comprehensive and Integrated Management of Pressure Sore Patients

8:45 am Jose V. Cordova, MD

Reconstruction of a Thigh Stump

9:00 am Ricardo Roa, MD

Evolution of the Use of Heterograft

9:15 am Alison Willox, BSc, DipHE Nursing

The Modified Meek Technique

9:30 am Break with Exhibitors

Tuesday, February 16, 2016

10:00 am Peter Haertsch, MD Total Nasal Reconstruction in Patients with Severe Panfacial Burns

10:15 am Ruth V. Lobaton MD The Use of EZ Derm in Facial Burns

10:30-11:15am LASER ROUND TABLE - Moderated by Dr. Rajiv Sood

Andrea C. Issler-Fisher, MD Ablative fractional CO2 laser for the treatment of severe burns scars

Tanya M. Oswald, MD Laser Therapy in Pediatric Burns: An Emerging, Effective Treatment

William Norbury, MD Experience in Laser Therapy in Pediatric Burns at the Galveston Shriners's Hospital

11:15 am Steven Kavros, DPM Wound Bed Preparation: Improving Outcomes using Hypochlorous Solution as a Therapy

11:30 am Peter Kennedy, MDS, MB, Bs, FRACS
Myoglobinuria: The Causes, Management and the Controversy

11:45 am John L. Fletcher, MD Single Stage Skin Grafting on Thin Autologous Dermal Grafts is Feasible in a Porcine Model of Excisional Wounding

12:00 pm Michael Steadman Innovations to Vashe Hypochlorous Acid to Extend its Versatility

12:15 pm Trudy Boulter, OTR, CHT Rehabilitation of Complex Pediatric Burns with Early Use of Silicone Thermoplastics and Textiles Improves Functional and Aesthetic Outcomes

12:45 – 1:45 pm Lumenis Lunch Symposium (limited to 50 attendees)

Wednesday, February 17, 2016

- 7:15 -7:45 am Registration and Continental Breakfast with Exhibitors
- 7:45 am Lauren O. Roussel, BA Burn Outcomes in Patients with Premorbid Psychiatric Diagnoses: A Comparison of 363 Patients with Psychotic and Nonpsychotic Disorders
- 8:00 am Mica Esquenazi, BS, BA Facial burns received while smoking on home oxygen results in significant mortality
- 8:15 am Takkin Lo, MD, MPH, DWSP, FUHM
TENS:
Innovative Approach for Successful Outcome in a Patient Treated in a Non-Burn Unit
- 8:30 am Steven Kravitz, DPM Simulated Pressure Changes in Multilayer, Multicomponent Wrap Systems when Transitioning from Rest to Standing
- 8:45 am Roger Huckfeldt, MD An Evaluation of Bacterial Migration from a Contaminated Surface to a Patient surrogate with the Use of a Variety of Table Covers
- 9:00 am Ania Smialkowski, MD There is Something in the Water
- 9:15 am James R. Yon, MD Marjolin's Ulcer in Chronic Hidradenitis Suppurativa: A Rare Complication of an Often Neglected Disease
- 9:30 am Break with Exhibitors

Wednesday, February 17, 2016

- 10:00 am Joseph Dusseldorp, MBBS (Hons), BCom, MS
The Effect of Epidermal Micrografts Harvested with the CelluTome Epidermal Skin Harvesting System on Wound Healing: A Clinical and Histological Study
- 10:15 am Richard J. Cartie, MD
The Flusome Foursome: Catastrophic Effects of Concurrent Viral Infections on Pediatric Burns
- 10:30 am Sarah Yon, NP
Milk Fistula after Breast Abscess I&D: Successful Management Using Negative Pressure Wound Therapy
- 10:45 am Annalisa Neri, PhD Student
Development of a Novel Wound Management Dressing Based on the Combination of Collagen and Honey
- 11:00 am Marjo Yliperttula, PhD
Nanofibrillar Cellulose Membrane: New Promising Candidate for Wound Healing Treatment
- 11:15 am Louis Riina, MD
The Incorporation of Blister Roofs, Used as Biological Dressings, Into the Expectant Management Protocol
- 11:30 am Michael Van Vliet, MD
An Algorithmic Approach to Achilles Tendon Wounds
- 11:45 am Tracee Short, MD
The Use of a Surfactant Based Burn and Wound Dressing in the Non-Surgical Management of Necrotic Tissue
- 12:00 pm Steven A. Kahn, MD
The Use of a Surfactant Based Burn and Wound Dressing in a Porcine Burn Model
- 12:15 pm Terry Treadwell, MD
Results of Two Studies in the Treatment of Burns with a Dehydrated, Decellularized Amniotic Membrane

12:45 – 1:45 pm Burn Network Lunch Symposium (limited to 50 attendees)

6:00 pm Symposium Sunset Cocktail and Dinner Reception

Thursday, February 18, 2016

7:15- 7:45 am	Registration and Continental Breakfast with Exhibitors
7:45 am Paul Glat, MD	The Use of a Silver Silicone Contact Dressing in Skin Grafts
8:00 am Nicole Bernal, MD	Non-contact Assessment of Burn Wound Severity and Extent using Spacial Frequency Domain Imaging
8:15 am Amaan Mazhar, PhD	Non-Contact Assessment of Burn Severity using SFDI
8:30 am Mayer Tenenhaus, MD	Subcutaneous Injection of SVF in Combination with HBOT Improves Viability of Unfavorably Designed Cutaneous Flaps
8:45 am Haaris S. Mir, MD	Management of Complicated Pediatric Surface Injuries with Fasciocutaneous Flaps
9:00 am Mica Esquenazi, BS, BA	Efficacy of Vacuum-Assisted Closure for Split-Thickness Skin Grafts in the Pediatric Burn Population

CME PROGRAM

9:15 am Ariel Aballay, MD	Monitoring the Progression of a Burn Wound Using Infrared Technology: A case series
9:30 am Cesar Colasante, MD	Three Dimensional Modeling for Preoperative Planning in Burn Surgery
9:45 am Charles Fredericks, MD	A Different Type of Firearm: Burns as a Weapon During a Five-Year Period of Violence
10:00 am Gordon Lindberg, MD, PhD	Bolus and Continuous Infusion of Antibiotics Achieves Therapeutic Levels of Antibiotics Better Than Traditional Dosing

10:15 am James H. Hwang, MD

Clinical Results and a Consideration of Costs: Results from a Prospective Randomized Trial Comparing a Low-Adherent, Silver-Based Antimicrobial Dressing to 5% Mafenide Acetate for Postoperative Management of Split-Thickness Skin Grafts

10:30 am Break

Thursday, February 18, 2016

10:45 am Raj Sood, MD

**The Paul Silverstein Annual Lecture:
Advances in Burn Reconstruction**

11:30 am Nicole Gaid, MB BCh BAO MMI

A Modern Take on “See One, Do One, Teach One”

11:45 am James H. Hwang, MD

Graft Take Assessment Conducted in Person and by Digital Photography: results from a Multicenter Trial

12:00 pm Sigrid Blome-Eberwein, MD

How to Heal the Small Non-Healing Problem Burn – Two New Office Based Techniques in Clinical Practice

12:15 pm Katie L. Lannan, PhD

Salinomycin Reduces Radiation-Induced Capsular Fibrosis Associated with Silicone Implants in a Mouse Model

12:30 pm Charles Fredericks, MD

The End of the Assembly Line? 83 Consecutive Admissions for Car-Related Burns with only Two Carburetor Burns

12:45 CLOSING REMARKS

Poster Abstracts

The Patients Experience with Skin Grafting after Cutaneous Burn Injury: Donor-Site Preferences

Lauren O. Roussel, BA

Self-Inflicted Burn Injuries in the Urban Setting: Etiologies and Outcomes

Mica Esquenazi, BS, BA

Pain from Beauty Products: Pediatric Burns Resulting from Hair Flat and Curling Irons

Mica Esquenazi, BS, BA

A Simple and Reliable Method of Measuring the Cavitating Complex Wound

Nicole Ann Gaid, MB BCh BAO, MMI; Kevin Broder, MD; Richard Bodor, MD; Mayer Tenenhaus, MD FACS

The Role of Hydrogel Use in Wound Healing: A Red Duroc Porcine Model

Nicole Ann Gaid, MB BCh BAO, MMI; Mayer Tenenhaus, MD FACS

Non-surgical rehabilitation in pediatric burns - management of complex facial and hand scars with advanced insert material

Trudy Boulter, OTR, CHT

Are We Entitled To Use All Non-Injured Skin For Donor Sites? Follow Up To Utilizing Fetal Bovine Acellular Dermal Matrix (Primatrix) With Non-Cultured Autologous Cells For Major Burn Wounds

Tracee Short, MD

Another use for Manuka Honey in treatment of acute wounds: traumatic haematoma and skin tears.

Ania Smialkowski, B Med Sci, MBBS, Cara Bowen, Michael Kernohan

Inhalation injury in burn patients: Establishing the link between diagnosis and prognosis

Dohern Kym, MD

In-Vitro Assessment of Wound Dressing Bacterial Sequestration

Joan Wilson, MSN, MHA, RN

Hand Trauma: Soft Tissue Reconstruction with Dermal Matrix

Kamran Shayesteh, DO, FACOS

LIFTING THE SPIRITS OF BURNED GIRLS WITH SOMETHING AS SIMPLE AS A HAIR BOW: A PHILANTHRO-TEEN'S MISSION

Kinnley Coffman

Characterization and Analysis of Exhaust Contact Burns
Megan E. Pencek, BS

Comparison of Outcomes between Allograft vs. Xenograft use in Full-thickness Burn Injuries
Megan E. Pencek, BS

Mandibulofacial defects using single perforator flap
Dr. Min Cheol Kim

In vitro Modulation of Macrophage Differentiation and Activation with Decellularized and Dehydrated Human Amniotic Membrane (DDHAM)
Mohit Bhatia, Ph.D

Fixation of Split-Thickness Skin Graft Using Fast-Clotting Fibrin Glue Containing Undiluted High-Concentration Thrombin or Sutures: A Comparison Study
Suk-Ho, Moon, MD, PhD, Min Cheol Kim, MD

Plurogel as a wound dressing used as a primary contact layer in conjunction with negative pressure wound therapy
Sydney Shannon, Thomas Shannon, MD

Sorbact[®] gel for compressive dressing after skin graft
Young-Joon Jun, MD, PhD, MBA

IMPACT OF 2 NEGATIVE PRESSURE INCISIONAL MANAGEMENT SYSTEMS ON A MINIMALLY RESISTANT SUBSTRATE
Deepak V. Kilpadi, PhD, MBA

IMPACT OF 2 NEGATIVE PRESSURE INCISIONAL MANAGEMENT SYSTEMS ON SIMULATED INCISIONS IN A TISSUE PROXY
Deepak V. Kilpadi, PhD, MBA

The ability of 2 negative pressure wound therapy (NPWT) drapes to maintain seal – A laboratory study
Deepak V. Kilpadi, PhD, MBA

Variable porosity temporary skin substitutes coupled with a new anti-scarring agent
Collynn Woeller, Aubrey Woodroof, Richard Phipps

The Utility of Fluorescence Angiography during Hyperbaric Oxygen Treatment of Limb Threatening Infection
Jonathan F. Arnold, MD, ABPM-UHM, CWS-P

The evidence of using filtration in the ICU

Chris Easter, RN, BSN, CCRN