

AMERICAN BURN ASSOCIATION
52ND ANNUAL MEETING
#ABAVirtual52
POSTER ROUNDS

R-121 Clinical Sciences: Critical Care

Poster Number	Author	Title
500	Alicia Williams	Intracranial Injuries and the Effect of Fluid Resuscitation in Burn Patients
501	Julie Rizzo	Burn Center Referral of Patients with Suspected Stevens-Johnson Syndrome (SJS)/Toxic Epidermal Necrolysis (TEN)
502	Thomas Resch	Use of Hydrocortisone, Vitamin C, and Thiamine to Treat Burn Sepsis: A Case Series
503	Ivan Wilmot	Cardiac Arrhythmias and Dysfunction in Pediatric Burns
504	Alice Liu	Venous Thromboembolism Chemoprophylaxis in Burn Patients: A Literature Review and Single-institution Experience
505	Jeffrey Williams	Burn Sepsis: Does the Initial Vitamin C Level Matter?
506	Amanda Garza	Anticoagulation After Thrombolytic Treatment for Frostbite: A Case Series
507	Kaitlin Pruskowski	Outcomes After the Administration of Hydroxocobalamin
508	Kaitlin Pruskowski	Fungal Infections in Burn Patients from 2014-2019: A 5-year Retrospective Review
509	Kaitlin Pruskowski	Fungal Infections After Blast and Thermal Injury
510	Julie Rizzo	Incidence of Extubation Failure in a Burn Intensive Care Unit: Examination of Contributing Factors
511	Julia Loegering	Point-of-care 3-dimensional Body Mapping for Determining Total Body Surface Area in Severely Burned Patients
512	Brian McKinzie	Single Center Experience with Venous Thromboembolism Prophylaxis for Obese Burn Patients
513	David Hill	Simplified Approach to Incorporating Glycemic Response Within a Continuous Insulin Infusion Algorithm to Improve Incidence of Hypoglycemia in a Single Burn Center
514	Alexis McQuitty	Post-burn Malnutrition and Associated Cardiomyopathy
515	David Wallace	Compliance with a Restrictive Blood Transfusion Strategy: Do We Actually Follow Scientific Evidence?
516	Kathleen Singer	Mortality from Inhalation Injury in Oxygen Dependent Patients Exceeds Prediction from Prognostic Models
517	Paul de Bustros	ALDEN Based Determination of Culprit Drugs in Stevens-Johnson Syndrome: A 15-year Single Center Review
518	Alison Monahan	Relationship of Microbiome, Antimicrobial Resistance, and Wound Closure in >90% Burn Patients
519	Joshua Frost	Retrospective Pilot Study to Examine Potential Predictors of a Standardized Scoring System for Smoke Inhalation Injury

700	Heather Belacic	A Comparison of Pediatric Burn Injuries Based on Cultural Environment
701	Dominick Curry	Outcome Evaluation of High Dose Ascorbic Acid Infusion in Adult Burn Patients
702	Eliana Duraes	Acute Burn Treatment and Mechanical Ventilation
703	Lucy Wibbenmeyer	Evaluating the Risk Factors and the Time-course of High Intraocular Pressures in Severely Burned Patients
704	Maneesh Singhal	Lessons Learned from a Mass Disaster: Successful Institutional Planning and Preparedness
705	Rita Gayed	Evaluation of Burn Resuscitation Practices at a Large Burn Center
706	Anne Lambert Wagner	Frostbite and Drugs of Abuse: Friend or Foe?
707	Jessicah Respicio	Factors Associated with Early vs. Late AKI in Burn Patients
708	Beth Shields	Enteral Nutrition Initiation During Periods of Vasopressor Requirements and Elevated Lactate Levels
709	Elena Maria Munoz	24 Hour Patterns of Vital Signs as Predictors of Blood Infection in Pediatric Burn Patients
710	Kevin Foster	Use of Airway Pressure Relief Ventilation (APRV) in Burn Patients with and Without Inhalation Injury
711	Asia Quan	A Retrospective Review of Enoxaparin Dosing Practices in Burn Patients
712	Jeanette Lozenski	Title: Monitored Anesthesia Care (MAC) Burn Dressing Changes Even in Critically Ill Patients Is Incredibly Safe
713	Tareq AlQasas	Delayed Spinal Cord Injury from Electrical Burns: Case Reports
714	Sarah Rehou	IL-6 and Soluble IL-6 Receptor – Two Sides of the Same Coin
715	Tomer Lagziel	Early Ambulation for Enhanced Recovery After Burn Surgery: A Systematic Review and Meta-analysis
716	Kaylyn Pogson	Increased Mortality in Burn Center Admissions with <i>Stenotrophomonas Maltophilia</i>
717	Anupama Mehta	Using the VDR to Safely Transport Critically Ill Burn Patients to the OR

R-137 Clinical Sciences: Nutrition & Metabolism

660	Daren Heyland	Prevalence, Risk Factors, and Clinical Consequence of Enteral Feeding Intolerance in the Critically Ill: An Analysis of a Multicenter, Multi-year Database
661	Caran Graves	Dietitian Order-writing in a Burn Intensive Care Unit
662	Beth Shields	Clinical Outcomes from Prospective Randomized Trials on the Proportion of Carbohydrates versus Fat in Enteral Nutrition for Burn Patients

663	Kate Pape	Effect of Admission Vitamin D Levels on Outcomes in Pediatric Burn Patients
664	Kate Pape	Risk Factors for the Development of Transaminitis in Pediatric Burn Patients Treated with Oxandrolone
666	Sara Calder	The Effect of Burn Wound Size on Caloric Requirements: A Correlation of Nutritional Changes to the Clinical State
667	Sara Calder	A Retrospective Review of Vitamin D Levels and Dosing in Burn Center Patients
668	Lourdes Castanon	Early Enteral Nutrition in Geriatric Burn Patients: Is There a Benefit?
669	Daren Heyland	The Validation of a Novel Outcome Measure in Severe Burns- the Persistent Organ Dysfunction (POD)+Death: Results from a Multicentre Evaluation

R-123 Clinical Sciences: Wounds & Scars

522	Malachy Asuku	Skin Graft Donor-site Morbidity: A Systematic Literature Review
523	Jennifer Schiefer	Silkworm Silk as an Alternative to Two Common Epidermal Substitutes for the Treatment of Acute Superficial Burns
524	Jasminka Minic	The Use of Enzymatic Debridement in Large Burns Two Years of Experience
525	Arhana Chattopadhyay	Autologous Skin Cell Suspension May Enhance Healing of Burn Wounds and Skin Graft Donor Sites in Elderly Burn Patients
526	Hanna Luze	Antiseptic Wound Dressings Made of Bacterial Nanocellulose
527	Christoph Hirche	Eschar Removal by Bromelain Based Enzymatic Debridement in Burns: European Consensus Guidelines Update
529	Debora Sanches-Pinto	Collagen Plus Alginate Wound Dressing for the Treatment of Split-thickness Skin Graft Donor Sites: A Cost-effectiveness Study
530	Rabia Nizamani	Osteomyelitis Increases the Rate of Amputation in Patients with Type 2 Diabetes and Lower Extremity Burns
531	Michael Duplisea	Sex-based Differences in the Skin: Is It Just a Female Problem?
533	Chuanan Shen	Establishment and Effects of a Method for Wound Repair in Patients with Extensive Deep Burns Using Fresh Skin Allografts and Autologous Micrograft
535	Alexandra Lacey	Intermediate Skin Substitutes Are Unnecessary in Small (< 10% TBSA) Burns
536	Zachary Collier	Road Rash: Understanding a Challenging Form of Burn Injury
537	Chuanan Shen	Transplantation of Fresh Scalp Allograft in Repairing Extensive Deep Burn Wounds in Children
538	Eric Curfman	Successful Wound Closure in Patients with Large Total Body Surface Area (TBSA) Calciphylaxis with Aggressive Medical and Surgical Therapy

720	Adam Singer	Scalds and Contact Burns: Are They Really Different?
721	Jenn Tsai	Treatment of Hypertrophic Burn and Wound Scars Using a Novel Cold Laser System
722	Rachelle Lodescar	An Experience with a Biodegradable Temporizing Matrix in a Metropolitan Burn Center
723	Konstantinos Gasteratos	Should Allograft / Homograft Still Be Used for Small and Medium Size Burns?
724	Frank Sander	Factors Influencing Healing Time After Enzymatic Debridement
725	Louis Ferrari	Escharotomy Incisions in the Burn Foot and Toe with Compartment Syndrome
726	Lisa Vitale	The Use of Xeroform Dressings for Partial Thickness Scald Burn Injuries in a Verified Pediatric Burn Center
727	Joe Olivi	Use of a Biodegradable Dermal Matrix in Conjunction with Meshed and Sprayed Autologous Cell Suspension with a Vacuum Assisted Dressing Achieved Limb Salvage in a 73 Year Old with Deep Full Thickness Burns Despite Exposed Tendon and Bone
728	Justin Van Hoorebeke	The Faces of Autologous Skin Cell Suspension as Epidermal Grafts
730	Angela Gibson	Establishing Thresholds for Clinically Significant Donor Skin Reduction – Initial Findings from a Physician Delphi Consensus Panel
731	Christina Lee	The Wound Rounds Survey: Measuring Burn Wound Reading Skills
732	Tomer Lagziel	Evaluating the Cost-effectiveness, Efficacy, Safety, and Tolerance of Silver Sulfadiazine Dressings Once Daily versus Twice Daily in the Treatment of Burn Wounds
733	Christian Paletta	From the Trenches of War to the Bedside of Civilians: Joseph E. Murray MD FACS and the Contributions of Military Surgeons to Advances in Burn Care
734	Suzanne Mitchell	A Comparison of Burn Depth Assessment Between Clinical Diagnosis and Laser Doppler Imaging
735	Debora Sanches-Pinto	Advantages of Biocellulose for Burn Injuries
736	Nicole Kopari	Autologous Skin Cell Suspension in Combination with Meshed Autograft: A Case Report Demonstrating the Efficacy in NSTI
737	Paulette Abbas	Treadmill Friction Hand Injuries in the Pediatric Patient
738	Jeffrey Carter	Post-operative Wound Care Using Silver-based Dressing with Autologous Skin Cell Suspension

R-131 Nursing

600	Lyndsay Adkinson	Nursing Standard of Practice: Assessment & Assistance with Bedside Escharotomy
-----	------------------	--

601	Milly Vanamala	A Simple Dressing for Prevention of Central Line Infections in Pediatric Burn Patients
602	Patricia Regojo	Managing Hypothermia in the Surgical Burn Patient
603	Keith Thompson	Fluid Considerations: Enhancing Burn Nurse Competency
604	YIN ZHANG	Comparing Disinfection of Different Dosages of Vaporized Hydrogen Peroxide in Burn Ward
605	Tammy Henderson	Integrative Nursing for Burn Patients: Necessity for Bridging Gaps in Spiritual Care
606	Christine Lane	Establishing a Deep Sedation Program: Challenges and Successes from a Nursing Management Perspective
607	Kristy Hemingway	Reducing Burnout Related to Night Shift Calls to Physicians – a Process Improvement Project
608	Ginny Figel	The Impact of a Nurse Morbidity and Mortality Meeting
609	Kristy Hemingway	Development and Implementation of the Burn Nurse Mentor Role
800	Paul Decerbo	Incorporating Medical Simulation into Nursing Burn Competencies: Adding a New Degree of Realism to the Nursing Burn Competency Experience
801	Elizabeth Vorholt	Improving Pain HCAHPS in the Burn Population
802	Courtney Castronovo	Increasing Collaboration and Communication in Burn Resuscitations Through Education and Simulation
803	Carrie Littlepage	Utilizing the Revised Baux Score as a Trigger for Advanced Care Planning with the Palliative Care Team
804	Mini Thomas	Successful Implementation of Acupuncture for Hospitalized Burn Patients
805	Ryan Taylor	A Retrospective Review of Factors Influencing Post-hospital Discharge Follow-up in Patients with Burn Injuries and Necrotizing Soft Tissue Infections
806	Alicia Grubbs	Hip Hip Heels Raised: A Pressure Injury Prevention Initiative
807	Sydney Mullins	Implementation of an Evidence-based Wound Care Process at a Regional Burn Center Reduces Hospital Acquired Infections
808	Katie Hellebusch	Utilizing High Fidelity Simulation in Advanced Burn Life Support Scenarios
809	Emily Werthman	Culture Change in the Burn Unit: A Comprehensive Pressure Injury Reduction Strategy

R-132 Outpatient Care

610	Andrea Grote	Small Pediatric Burns Can Be Safely Managed on an Outpatient Basis
611	Amanda Rose	Screening Adults for Depression and Suicidality in an Outpatient Burn Center

612	Gabrielle Grant	Assessing the Impact of Burns on Children Aged 5-18 Years: A Narrative Review of Health Outcomes Literature
613	Kathleen Prestifilippo	Thriving During Development of a Large, Advanced Burn and Wound Clinic - The Realization of Successful Change Management
614	Kathleen Prestifilippo	Staff Nurse Retention in a Growing Advanced Burn and Wound Clinic Through Implementing a Hiring Best Practice: Peer Interview as a Successful Change Process Managerial Approach
615	Hanna Luze	Bacterial Nanocellulose as Cooling Agent
616	Anne-Françoise Rousseau	Quantification of Nutritional Intakes in Burn Outpatients
617	Melanie Ladwig	Changing Onboarding to Increase Retention
810	Alaina Tiani	Routine Psychosocial Screening and Follow-up of Adult Burn Patients in an Outpatient Clinic
811	Suzanne Mitchell	Comparison of an Enzymatic Debrider with Antibiotic Ointment in the Outpatient Care of Minor Partial Thickness Burns
812	Karli Sturgill	Standardization of Burn Pain Control in the Outpatient Burn Population
813	Brittany Ayers	Burn Care in the Patient's Home: Development of a Secure HIPPA Compliant Process to Share Photographs with the Provider
814	Katherine Choi	Do Patients Receive Reliable Outpatient Occupational Therapy After Hand Burns
815	Brielle Weinstein	Outpatient Opioid Use in Burn Injuries Following Hospital Discharge: A Single Institution Evaluation
816	Mathangi Chandramouli	Geographic Analysis of the Outpatient Burn Population of an Urban Burn Center
817	Elizabeth Lu	A Proactive Feeding Regimen on Meeting Caloric Goals with Continuous Enteral Nutrition Support: A Quality Improvement Project
818	Melanie Ladwig	A Themed Approach to Decreasing CAUTI

R-237 Pain & Pruritis

860	Xiu-Hang Zhang	Impact of Orally Administered Tramadol Combined with Self-selected Music on Adult Outpatients with Burns Undergoing Dressing Change: A Randomized Controlled Trial
861	Andrew Mendelson	Analgesia After Burns: A Case Series and Development of a Multimodal Analgesic Enhanced Recovery Pathway
862	Kristin Grimsrud	Challenges and Lessons Learned from Opioid Pharmacogenetic Studies in Burn Patients
863	Eliana Duraes	Drug Addiction and Opioid Use in the Acute Burn Patient
864	Angela Gibson	Perioperative Multimodal Analgesia Reduces Opioid Use Following Skin Grafting in Burn Patients

865	Holden Richards	Assessing Opioid Administration in Pediatric Burn Patients with Nonsurgical Management
866	William Hughes	Meeting the Challenge of Analgesia in a Pregnant Woman with Burn Injury Using Subanesthetic Ketamine: A Case Report
867	Rebecca Coffey	The Effect of Financial Reward on Opioid Use After Thermal Injury to the Upper Extremity
868	An Bui	Guideline for Discharge Opioid Prescription Management in Adult and Pediatric Burn Patients
869	Niti Shahi	Opioid Utilization in Pediatric Burn Patients

R-133 Prevention

620	Shana Henry	Impacting Teen Parents with Early Education for Burn and Fire Prevention
621	Marla Robinson	Successfully Advocating to Make Microwave Ovens “child-resistant” to Protect Young Children from Severe Scalds
622	Syed Saquib	Seasonal Impact on Burn Admissions in a Desert Burn Unit
623	Jennine Johnston	The Benefits of Burn Awareness Week in a Large Metro Area Hospital
624	Evan Richman	Car Seat Heater Burns: A Case Report Intended to Raise Awareness
625	Harold Campbell	Death Due to Fractal Wood Burning: An Emerging Public Health Problem
626	Sam Miotke	Causes and Injury Patterns of Elderly Burn Patients
820	Uriel sanchez	Transgender Patients with Assault by Burn
821	Mary Martinat	Burn Injury Prevention: A New Focus on the Older Population
822	Ronnie Mubang	Smoking on Home Oxygen and Burn Related Injuries. a Single Center Experience
823	Kathryn Skibba	Airbag Burns: An Unnecessary Consequence of Motor Vehicle Safety
824	Brent Sabatino	Burn Strong Initiative: A Burn Center’s Response to Fire Department Needs
825	Ran Halleluyan	Electrical Injuries as a Result of Solar Panels: A New Trend
826	Mathangi Chandramouli	Geographic Mapping to Target Adult Burn Prevention for an Urban Burn Center

R-127 Psychological & Psychosocial

560	Michele Barr	So Much More Than Just a Good Time: A Qualitative Look at a Burn Camp Experience
561	Alexis Castro	Impact of Support Group for Teen Burn Survivors
562	Stephanie Baldwin	"A Long process:" a Qualitative Analysis of Burn Survivors' Treatment and Recovery Process
563	Megan Quinn	Therapy Dog Visits in a Burn Unit: The Positive Effects on Patients and Staff
564	Kerry Mikolaj	Use of the Pediatric Quality of Life Measure in the Burn Camps Population
565	Sheera Lerman	Suicidality After Burn Injuries: A Systematic Review
566	Yuting Lin	Representation and Consequences of Guilt in Parents of Young Children with Unintentional Burns
567	Thereasa Abrams	A Qualitative Exploration of Social Workers as Members of Burn Care Teams
568	Taya Cloonan	Appearance Related Concerns Among Pediatric Burn Patients
570	Jennifer Radics-Johnson	Who Benefits the Most from Burn Camps?
571	Dagmar Amtmann	Perspectives on Research Participation Feedback: Results from Burn Survivor Focus Groups
572	Olivia Stockly	Examination of Gender Differences in Return to School and PROMIS-25® Outcomes for Pediatric Burn Survivors
573	Farzin Sadeq	Frequency of Burn Injuries in Children with Autism Spectrum Disorders and Attention Deficit/hyperactivity Disorder and Implications on Treatment Compliance
574	Carolyn Collins	Assessment of the Relationship Between Mental Illness and Inpatient Length of Stay
575	Olivia Stockly	Determining Risk Factors Associated with Development of Depression Following Burn Injury
576	Lauren Nosanov	Firefighter Post-injury Return to Work: A Balance of Dedication and Obligation
577	Konstantinos Gasteratos	The Intersection Between Burns and Psychiatric Disorders
578	Dana Dillard	Childhood Burn Injuries: The Parent Perspective
760	Sarah Laughon	Patients with Pre-existing Mental Illness Who Developed Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis: Lessons Learned at a Large Tertiary Burn Center and the Importance of Accurately Diagnosing Psychiatric Disorders
761	Tammy Henderson	Comparisons of Peer Supporters and Burn Patient's Satisfaction with Peer Support Encounters
762	Elena Maria Munoz	Burn Mechanisms in Pediatric Patients with Autism Spectrum Disorders and Attention Deficit/hyperactivity Disorder: A Multisite Retrospective Study
763	Brad Jackson	Burn Camp Multidisciplinary Staff: Efficacy of Training

764	Monica Gerrek	What Do You Think? The Ethics of Treating the Medically and Socially Complicated Patient
765	Maribel Bello	The Impact of Peer Support Group Programs on Psychosocial Outcomes for Burn Survivors & Caregivers: A Review of the Literature
766	Lesia Cartelli	Clinical Outcome Assessment of a Psychosocial Intensive Retreat for Girls with Severe Burns
767	Ruth Rimmer	Growing up with Burn Injuries - Has the Experience Changed over Time?
768	Ruth Rimmer	Young Adults Burn Survivors - Key Challenges They Faced While Growing Up
770	Julie Stefan	Increasing Attendance in Parent Support Groups Through Creative Engagement
771	Spogmai Komak	Psychiatric Illness Among Burn Patients: Experience at a Single ABA Verified Burn Center
772	Loc Lam	Psychosocial Impact of a New Peer-support Program at a Burn Center
773	Lesia Cartelli	Do Physician Apparel, Posture and Familiarity Impact Adolescent Girls' Engagement in Post-burn Medical Care?
774	Carrie Cox	Examination of the Religious and Spiritual Needs of Acutely Injured Burn Patients
775	Laurel Wood	The Spiritual and Religious Beliefs and Needs of Burn Reconstruction Patients
776	Gabrielle Grant	A New Outcome Metric for Young Children with Burns: Item Pool Development for the Preschool Life Impact Burn Recovery Evaluation (LIBRE) Computer Adaptive Test (CAT) Profile
777	Shelley Wiechman	Use of the PHQ-2 as a Depression Screening Tool
778	Jennifer Fowler	Association of Demographic and Burn-related Factors to PTSD Pre-screen Survey Results Among Burn Patients

R-125 Public Health / Epidemiology

540	Elaine Boing	Healthcare Resource Utilization and Costs of Care Among Pediatric Patients with Thermal Burns Undergoing Inpatient Autografting in a Managed Care Population
541	Jenny Ziembicki	Gender Disparities Among Burn Surgery Leadership
542	Jeffrey Roberson	Lessons Learned from Implementation and Management of Skin Allograft Banking Programs in Low- and Middle-income Countries: A Systematic Review
543	Yazen Qumsiyeh	Acute Carpal Tunnel Syndrome from a Solar Panel Electrical Injury: A Case Report and Literature Review
544	Audrey Wolfe	Examining the Characteristics of Eligible Burn Survivors Who Did Not Consent to Participate in a Longitudinal National Database
545	Clifford Sheckter	The Association of Plastic Surgery Facility Volume with Inpatient Burn Outcomes

546	Jamie Oh	Impact of the Affordable Care Act on Burn Outcomes
547	Gabrielle Grant	Long-term Outcomes of Chemical Burn Injuries: A Burn Model System National Database Study
548	Emilie Beaulieu	The Economics of Burn Injuries Among Children Aged 0-4 Years
549	Rachel Nygaard	Differences in Treatment of Stevens-johnson Syndrome and Toxic Epidermal Necrolysis at Burn Centers and Non-burn Centers
550	James Holmes	Real World Treatment Trends for Patients TBSA \leq 20%: Evaluating Important Shifts in Care and Budget Impact of ASCS Adoption
551	Christine Lopez	Mixed Methods Assessment of Pediatric Scald Burns
552	Michael Duplisea	Ten Year Mortality Trends in Stevens Johnsons Syndrome and Toxic Epidermal Necrolysis Trends in a Single Burn Center
553	Felicia Williams	Work-related Burn Injuries Among Burn Patients in a Tertiary Care Burn Facility, 2013 – 2018
554	Scott Echternacht	Severity of Gasoline Burns: A Retrospective Review
555	Pragna Shetty	The Prevalence of Patients with Homelessness or Housing Instability in Patients Admitted to an Urban Burn Intensive Care Unit
556	Stephen Sibbett	Hospital Length of Stay for Patients with Small and Medium Burns Impacted by Distance to Burn Center
557	Leopoldo Cancio	Use of Online Clinical Guidelines for Burn Care in the Deployed Environment: A Model for Care in Rural or Remote Locations
558	Stacey Kowal	Relationship Between Patient Characteristics and Number of Procedures as Well as Length of Stay for Patients Surviving Severe Burn Injuries: Analysis of the American Burn Association National Burn Repository
559	Artem Shmelev	Seasonal Variation in Hospitalizations for Burn Injuries
740	Matthew Eisenberg	Mechanisms, Outcomes and Management of Pavement Burns
741	Michael Duplisea	Trends in Offending Medications in Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis in a Large Academic Burn Center
742	Anne Lambert Wagner	Marijuana and Drugs of Abuse: Impact on Clinical Outcomes in Burn Injury
743	David Parizh	Keeping up with Dr. Google: When Are Patients Seeking First-aid Burn Resources?
744	Bartlomiej Bednarz	Shrove Tuesday Related Injuries in Children, 8 Years' Experience of Single Paediatric Burns Centre
745	Janine Roller	Pediatric Burn Transfers: A 10 Year Analysis of Adherence to ABA Transfer Criteria
746	Jenny Ziembicki	Racial and Ethnic Disparities Among Burn Surgery Leadership
747	Randy Kearns	Developing a Burn Mass Casualty Incident (BMCI) Plan for a State (first Steps)

748	Alexander Zirulnik	The Calm After the Storm? Burn Injury Incidence Following Hurricanes and Tropical Storms
750	Lindsay Wainwright	Burn Injury in Our Region's Indigenous Population
751	Clinton Leonard	Airway Management of Patients Burned While Smoking on Oxygen: Intubation Rates and Associated Risks
752	Mini Thomas	Single-center Experience with 4th of July Fireworks Injuries
753	Arthur Sanford	Burn Specialty Specific Advocacy, What Can You Do for Injury Prevention
754	Adam Padalko	Social Determinants Associated with Paediatric Burn Injury: A Population Based, Case-control Study
755	Philip Hewes	State-wide One-year Mortality for Stevens-Johnson/toxic Epidermal Necrolysis Spectrum Disorders Is Greater at Burn Facilities: Expected, or Sobering Wake-up Call?
756	Mathangi Chandramouli	Homeless and Burned – A Retrospective Analysis of an Especially Challenged Patient Population
757	Randy Kearns	Mass Casualty Planning, When an Airplane Strikes a Building

R-129 Quality Improvement

580	Adel Elkbuli	Factors Affecting Research Productivity of Burn Surgeons: Results from a Survey of American Burn Association Members
581	Carolyn Blayney	Basecamp: Burn Efficiency Care Pathway
582	Stephanie Crandon	Bridging the Gap Between Inpatient and Outpatient Burn Care Compliance: Incentive Programs for Pediatric Burn Patients
583	Nicole Kopari	Impacting the Length of Stay of Burn Patients in the Emergency Department
584	Mini Thomas	Maintaining Success in Patient Safety and Quality Metrics Through Teamwork and Contextual Modification
585	Vitina Kammin	Preventing Occipital Pressure Injuries in Patients Admitted to the Burn ICU
586	Eileen Uberti	Scalp Burn Injury Associated with Hair Highlight Treatment
587	Cameron Gibson	DVT Screening in Lower Extremity Burns
588	Jane Echols	Defining Components of a Professional Practice Model (PPM) That Drives Growth and Promotes Cultural Change in a Large Regional Referral Burn Center

589	Emily Beckwith	Enhancing Care Providers' CAUTI (Catheter-associated Urinary Tract Infection) Knowledge, Skills and Attitudes in the Burn Intensive Care Unit (BICU) and Burn Special Care (BSC) Environments
590	Emily Helmold	Is There a Burn Center Community Standard on How to Best Manage Pediatric Burn Patients?
591	Tracy Williams	Cost Savings in Operative Burn Care
592	Vina Vargas	Prevention of CAUTIs in a Burn ICU
593	Alan Rogers	Ambient Room Temperature in a Burn Intensive Care Unit - A Quality Improvement Project
594	Kara Robinson	Improving the Accuracy of Discharge Wound Care Instructions in a Teaching Facility
595	Linda Gibbons	Mapping the Literature of Burns and Ethics
596	Jeffrey Anderson	ICU Sedation Practices for Mechanically Ventilated Burn Patients Following Guideline Implementation
597	Kamil Nurczyk	Opioid-limiting Mandate Did Not Increase Readmissions for a Single Burn Center
598	Hanna Luze	Protection Against Thermal Stress in Humans: Application of "Cooling Wear" Under Heated Conditions in Burn Centers
599	Rachelle Lodescar	Critical Burn Injury in Young Children: A New Challenge of Success
782	Elizabeth Dale	Central Line Associated Blood Stream Infection Reduction Utilizing a Business Improvement Model: The Four Disciplines of Execution
783	Natalia Ziolkowski	Scar Revisions: Are We Asking the Right Questions?
784	Melissa Grigsby	Automated SIRS Alert Systems Are Ineffective at Predicting Sepsis in Burn Patients
785	Jillian Nickerson	Beyond the Burn Center: Creating Nursing Clinical Guidelines for Pediatric Burn Patients That Present to Community Emergency Departments
786	Kaitlyn Libraro	Guardian Refusal for Pediatric Burn Surgery, What Providers Need to Understand
787	Jennifer Schoonard	Burn Resuscitation Critical Reflective Practice
788	Desiree Williford	Improving Burn Camp Attendance: A Quality Improvement Study and Implications for Future Planning
789	Jenny Ziembecki	Split-thickness Skin Graft Meshing: The True Mesh Ratio
790	Sarah Folliard	Venous Thromboembolism Prophylaxis in Burn Patients: Analyzing the Effectiveness of a Standardized Protocol
791	Saira Nisar	Institutional Experience Using a Treatment Algorithm for Electrical Injury
792	Kevin Foster	A Retrospective Review of the Utilization of Burn Admission Criteria
793	Anthony Baldea	Development and Validation of a Burn Center Discharge Readiness Checklist to Identify Patients at High Risk of 30 Day Readmission

794	Rich Grady	Assessment of Nursing Knowledge and Preparedness for Nuclear Disaster
795	Sheila Giles	Factors Associated with Time to Initial Debridement in a Pediatric Burn Center
796	Timothy Burton	Use of a Synthetic Matrix Instead of Allograft for Temporizing a Major Burn
797	Stuart Pasch	Estimated Blood Loss in Burns: A Quality Metric That Defies Measurement?
798	Michael Chambers	Introduction of Bedside Echocardiography by Mid-level Providers into Burn Intensive Care
799	Laura Perez	Free Transportation for Socioeconomically Disadvantaged Burn Patients: Quality Improvement Project

R-236 Reconstruction

851	Alan Pang	Hidradenitis Suppurativa: Our Institutional Experience over the Last 6 Months with Improved Definitive Management and Quality of Life
852	Jennifer Zuccaro	A Novel Approach to Treating Minor Burn Scar Contractures in Children Using Laser Surgical Cuts
853	Melissa Brown	Microblading in Patients with Facial Burn Injuries
854	Sagar Mulay	Modified Millard Forked-flap for Complete Nasal Stenosis After Smoking While on Home Oxygen
855	Farzin Sadeq	Reconstruction of Severe Burns to the Breast in Pediatric Patients: A Ten-year Experience
856	Evan Barrios	A Pilot Study of a Point-of-care Wound Bed Assay to Predict Graft Take

R-134 Rehabilitation

630	Danielle Shashoua	Fear Avoidance Beliefs and Behaviours of Burn Survivors: A Mixed Methods Approach
631	Karina Berenbaum	Mobilization of Patient with Inhalation Burn Injury Requiring VV ECMO: A Case Study
632	Kristen Tinlin	Heterotopic Ossification Related Contractures: Success with Bodyweight Stretches
633	Gretchen Carrougner	Living Well' After Burn Injury: Using Case Report Mapping to Illustrate Life Changing Contributions from the Burn Model System Research Program
634	Ginna Parra montanez	Use and Benefits of Using Acrylic Splints Inside the Pressotherapy Glove in Pediatric Burned Hands, Six Years Retrospective Review
635	Brett Hartman	Compression Garments with Silicone Improve Hypertrophic Scars Compared to Compression Garments Alone: A Retrospective Study

636	Audrey Mullen	Case Report on Continuous Passive Motion (CPM) Therapy on Hand Burns in a Patient with a Large Total Body Surface Area (TBSA) Burn
637	Stephanie Mason	Disparities in Discharge Disposition: A Burn Model Systems National Database Study
638	Lisa LePage	Auricular Splinting Following Severe Facial Burn Injury and Reconstruction
639	Cassandra O'Rourke	Face Masks - The Negative Impression Makes a Positive Impact
830	Mini Thomas	Voice Activated Tool: A Successful Assistance for Patients with Limited Hand Function
831	Greta Rucks	Optimal Timing for Range of Motion to Upper Extremities Following Split Thickness Skin Autografting: A Five Year Retrospective Review
832	Malvina Sher	Trends for Treatment of Complex Hand Burns in the Acute Setting
833	Brian Kelter	The Importance of Trajectory Curves for the Implementation of Outcome Benchmarks in a Clinical Setting
834	Lisa LePage	Early Ambulation Initiative Following LE Grafts in Comparison to Our Center's Traditional Standard of Care: A Retrospective Data Review
835	Leng Yang	Annual Burn Competencies for Burn Therapist: Maximizing Patient Outcomes with Ongoing Education
836	Lisa LePage	Custom Fabricated Open Anterior Ankle Foot Orthosis to Promote Early Mobility with Lower Extremity Grafts
837	Melissa Boals	Clinical Experience Using Functional Outcome Measures in the Outpatient Burn Center
838	Katherine Siwy	An Economical Alternative to Static Progressive Splinting of the Elbow
839	Dale Edgar	Early Ambulation After a Lower Limb Burn Is Associated with Reduced Length of Stay: A Quantitative Longitudinal Study

R-135 Translational Sciences: Critical Care, Wounds and Scars

642	Laura Cooper	The Use of Laser Speckle Contrast Imaging in Assessing Depth and Progression of Burn Wounds
643	Laura Cooper	The Use of Topical Exogenous Nutrient Supplementation to Improve Graft Take on an Avascular Wound Bed
644	Randolph Stone	Enzymatic Debridement of Porcine Burn Wounds via a Novel Protease, SN514
645	Reza Jalili	Topical Application of a Novel Powdered Scaffold for Rapid Treatment of Skin Injuries
646	Hanna Luze	Impact of Inflammation on Wound Healing
647	Angela Jockheck-Clark	Development of a Cerium (III) Nitrate-containing Electrospun Dressing for Mitigating Delayed Eschar Removal
648	Heather Powell	Direct Comparison of Fractional Carbon Dioxide Lasers Systems: Ablative Well Properties and Healing

650	Chuanan Shen	Exploring the Mechanism of Wound Healing in Rats of Different Ages Using a Burn Model
651	Dan Liu	NLRP3 Activation Induced by Neutrophil Extracellular Traps Sustains Inflammatory Response in the Diabetic Wound
652	Christine Kowalczewski	Topical Delivery of Fidgetin-Like 2 siRNA to Enhance Cell Migration for Burn Wound Healing in a Swine Model
653	George Babcock	Capillary Suction Device-a Novel Approach to Negative Pressure Wound Therapy
654	Herbert Haller	Investigation of Germ Patency of a Polylactic Acid-based Membrane for the Treatment of Burns
656	Heather Powell	Inter- and Intra-user Reliability of Skin Graft Thickness as a Function of Instrument
657	Stephen Davis	Preliminary Study on the Effect of Various Antimicrobial Formulations Containing Silver Oxynitrate on Reducing Pseudomonas Aeruginosa Using an in-vivo Porcine Burn Wound Model
840	Masao Kaneki	Myostatin Deficiency Inhibits Muscle Wasting and Improves Bacterial Clearance and Survival in Septic Mice
841	Robert Dabek	Fractional CO2 Laser Increases in Vitro Intradermal Delivery of Vitamins in Human Skin
843	Chuanan Shen	A Study on Changes of Pancreatic Structure and Function After Severe Burns and Its Mechanism
844	Todd Costantini	The alpha-7 Nicotinic Acetylcholine Receptor Mediates a Uniquely Human Response to Burn Injury
845	Jusong Song	Serum S100 Calcium-binding Protein B (S100B) Is Elevated in Severe Burn
846	Paul Savage	Effects of Ceragenins on Pseudomonas Aeruginosa Biofilm Formation in Burn Wounds in a Porcine Model