

AAWC 2022 ANNUAL CONFERENCE POSTERS

FRIDAY, NOVEMBER 11

BIOFILM AND BIOBURDEN

1. UNDERAPPRECIATED BACTERIAL BURDEN IN PRESSURE ULCERS: CLINICAL TRIAL AND REAL-WORLD IMAGING EVIDENCE

Primary Author: **Charles Andersen, MD, FACS, MAPWCA**, Madigan Army Medical Center

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Charles A. Andersen; Katherine McLeod; Rowena Steffan; Thomas E. Serena

2. INTEGRATING HYPOCHLOROUS ACID INTO A WOUND HYGIENE PROTOCOL: CREATING A NEW STANDARD OF CARE

Primary Author: **Laura Swoboda, DNP, APRN, FNP-C, CWOCN-AP**, Froedtert & the Medical College of Wisconsin

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Laura Swoboda

3. POINT-OF-CARE FLUORESCENCE IMAGING REVEALS EXTENT OF CHRONIC INHIBITORY BACTERIAL LOAD (CIBL) IN DIABETIC FOOT ULCERS

Primary Author: **Thomas Serena, MD, FACS, FACHM, FAWC, MAPWCA**, SerenaGroup

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David Armstrong; Michael Edmonds; Thomas Serena

EARLY DETECTION

6. DECREASING INTRAOPERATIVE SKIN DAMAGE IN PRONE POSITION SURGERIES

Primary Author: **Heather McCreath, PhD**, David Geffen School of Medicine, University of California, Los Angeles

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Jessica Crocker; Vicky Nguyen; Lauren Robertson; Deborah Nourmand; Emily Chirila; Mohamed Laayouni; Ofelia Offendel; Kelly Peng; Stephanie Anne Romero; Gerry Fulgentes; Barbara M. Bates-Jensen

7. ATYPICAL MYCOBACTERIUM ABSCESSUS CUTANEOUS INFECTION IN THE IMMUNOSUPPRESSED: A CASE REPORT ON AN EMERGING PATHOGEN

Primary Author: **Jigar Patel**, Arizona College of Podiatric Medicine

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Jigar Patel; Dylan Mariano; Caden Carver; Mattie Krause; Evelyn Heigh-Rosen; DPM (senior responsible author)

INTEGRATION OF TECHNOLOGY INTO WOUND CARE

10. THE EFFICACY OF SILICONE-BASED GEL ON CHRONIC NON-HEALING DIABETIC FOOT WOUNDS

Primary Author: **Alisha Oropallo, MD FACS, FSVS, FAPWCA, FABWMS**, Northwell Health

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Russell Caprioli, DPM; Joseph Abdelmalak, DPM; Amit S. Rao, MD; Sally Kaplan, RN; and Alisha Oropallo, MD

11. RETROSPECTIVE CHART REVIEW OF FETAL BOVINE DERMAL REPAIR SCAFFOLD IN THE TREATMENT OF CHRONIC WOUNDS

Primary Author: **Alisha Oropallo, MD FACS, FSVS, FAPWCA, FABWMS**, Northwell Health, Dept. of Surgery

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Amit Rao, MD; Sally Kaplan, RN; Christina Del Pin, MD; Alisha Oropallo, MD

12. THE ROLE OF FLUORESCENCE BACTERIAL SCANNING IN THE IDENTIFICATION AND TREATMENT OF INTERTRIGINOUS BACTERIA IN DIABETIC FEET

Primary Author: **Charles Andersen, MD, FACS, MAPWCA**, Madigan Army Medical Center

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Charles A. Andersen; Katherine McLeod; Rowena Steffan

13. DEVELOPMENT OF A WEARABLE CONNECTED-HEALTH TECHNOLOGY FOR CONTINUOUS MONITORING OF COMPRESSION THERAPY

Primary Author: **Andrew Cameron, PhD**, FeelTect Limited

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14. PRELIMINARY RESULTS OF WOUND HEALING PARAMETERS IN A RANDOMIZED CONTROLLED TRIAL DEMONSTRATE NON-INFERIORITY OF COPPER OXIDE DRESSINGS (COD) MANAGEMENT TO NEGATIVE PRESSURE WOUND THERAPY (NPWT) OF DIABETIC FOOT ULCERS (DFU)

Primary Author: **Gadi Borkow, PhD**, MedCu Technologies Ltd

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PATIENT ENGAGEMENT

21. EMPOWERING PATIENTS TO MANAGE THEIR OWN RECURRENT MRSA ULCERS - AN INNOVATIVE, EFFECTIVE SOLUTION

Primary Author: **Linda Benskin, PhD, RN**, Independent Researcher and Ferris Mfg. Corp.

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TECHNOLOGY TO MONITOR WOUND HEALING

24. ACCURACY AND REPRODUCIBILITY OF A DEVICE BASED STEREOSCOPIC (STICKERLESS) DIGITAL WOUND MEASUREMENT SOFTWARE

Primary Author: **Danielle Dunham, MSc**, MolecuLight, Inc

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25. EDUCATIONAL DEVELOPMENT OF CLINICAL MODULES FOR AI-POWERED REMOTE WOUND CARE

Primary Author: **Catharine Gray, BSc., PGCE, MHLthSC, DCH**, The Michener Institute of Education at UHN

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SATURDAY, NOVEMBER 12

BIOFILM AND BIOBURDEN

4. WOUND HYGIENE FACE-OFF: SCRUB VS SOAK

Primary Author: **Alisha Oropallo, MD FACS, FSVS, FAPWCA**, Northwell Health Comprehensive Wound Healing Center and Hyperbarics, New Hyde Park, NY, USA

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5. BACTERIAL CLUES OUTSIDE THE WOUND: CLINICAL IMPACT OF FLUORESCENCE IMAGING OF WOUND DRESSINGS, PROBES, WICKS, AND DIABETIC FOOTWEAR

Primary Author: **Charles Andersen, MD, FACS, MAPWCA**, Madigan Army Medical Center

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Charles A. Andersen; Katherine McLeod; Rowena Steffan

EARLY DETECTION

8. PRESSURE ULCER RISK FACTORS ASSOCIATED WITH LEVEL OF PARALYSIS IN PERSONS WITH SPINAL CORD INJURY: ANALYSIS OF THE NATIONAL SPINAL CORD DATABASE

Primary Author: **DonnaLee Pollack, PhD**, University of Texas at Arlington

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9. SKIN ASSESSMENT FOR PRESSURE INJURY ACROSS ALL SKIN TONES: IMPROVING NURSING KNOWLEDGE AND CONFIDENCE

Primary Author: **Roberta L. H. Wagner, DNP**, Abbott Northwestern Hospital

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INTEGRATION OF TECHNOLOGY INTO WOUND CARE

15. TRANSFORMING POWDER DRESSING (TPD) IN THE TREATMENT OF DIABETIC FOOT ULCERS

Primary Author: **Alisha Oropallo, MD FACS, FSVS, FAPWCA**, Northwell Health

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16. USE OF A NOVEL AUTOLOGOUS COMBINED LEUKOCYTES, PLATELET AND FIBRIN PATCH IN PATIENTS WITH DIABETIC FOOT WOUNDS

Primary Author: **Jason Mendivil, DPM**, Foot and Ankle Surgeon, Pulse Amputation Prevention Center, El Paso, TX

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17. THE IMPACT OF SKIN PIGMENTATION ON THE CLINICAL DIAGNOSIS OF WOUND INFECTION AND THE ABILITY TO ENHANCE DIAGNOSIS WITH THE USE OF FLUORESCENCE IMAGING OF BACTERIA

Primary Author: **Jonathan Johnson, MD, MBA, CWSP**, Comprehensive Wound Care Services and Capital Aesthetic & Laser Center

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18. TRIAL OF AN IMPROVISED DRESSING FOR REMOTE AND CONFLICT AREAS OF TROPICAL DEVELOPING COUNTRIES

Primary Author: **Linda Benskin, PhD**, Independent Researcher and Ferris Mfg. Corp.

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19. FLUORESCENCE IMAGING PROMPTS MORE THOROUGH DEBRIDEMENT OF BACTERIA & BIOFILM: REAL WORLD DATA FROM 1000 WOUND ASSESSMENTS ACROSS 36 STATES

Primary Author: **Monique Rennie, PhD**, MolecuLight

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20. LOCATION MATTERS WHEN SAMPLING A WOUND: THE IMPACT OF FLUORESCENCE IMAGING ON MICROBIOLOGICAL FINDINGS AND ITS ROLE IN DIAGNOSTIC & ANTIBIOTIC STEWARDSHIP

Primary Author: **Thomas Serena, MD, FACS, FACHM, FAWC, MAPWCA**, SerenaGroup

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PATIENT ENGAGEMENT

22. WOUND PROVIDER CHECK LIST -- A DECISION-MAKING GUIDE FOR THE TRANSITION OF CARE

Primary Author: Post-Acute wound & Skin Integrity Council (PAWSIC)

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TECHNOLOGY TO MONITOR WOUND HEALING

26. HEALTHY SENIORS AGING IN PLACE - THE IMPACT OF REMOTE WOUND MONITORING FOR SENIORS USING MULTISPECTRAL IMAGING: A CASE SERIES

Primary Author: **Tracey Rickards, RN, PhD**, Faculty of Nursing, University of New Brunswick

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