

DAY 1

ORAL FREE PAPERS

REVIEWERS : SAUD ABDULLAH HAKAMI, ABDULMALIK AYED ALSUWAT, ABDULRAHMAN ALMALKI, ASMAA AFIFI EBRAHIM, KHADRA IBRAHIM, SAMIR AHMAD ABUHEIJA, DR. YOUSIF ALI, SHUHRA AHMED, DIMA MAJDALAWI, AMNEH SALEH

SESSION A1 | REGENERATIVE MEDICINE AND STEM CELL-BASED THERAPIES

CHAIR : MS. SALVACION CRUZ / MS. MANAL ABDULRAHIM

| TIME | TOPIC | SPEAKER |
|---------------|--|---|
| 10:30 – 10:37 | OPTIMIZING STEM CELL THERAPY FOR RADIATION-INDUCED SKIN INJURY: THE ROLE OF LOW-INTENSITY ULTRASOUND GUIDED BY MECHANICAL INDEX # 7 | ZEINAB HORMOZI-MOGHADDAM |
| 10:37 – 10:44 | INVESTIGATION OF THE ROLE OF THE PROLYL HYDROXYLASE DOMAIN (PHD) PATHWAY IN TISSUE REPAIR AND REGENERATION #6 | ZEINAB HORMOZI-MOGHADDAM |
| 10:44 – 10:51 | ADJUNCTIVE BIOENGINEERED SKIN SUBSTITUTES VERSUS STANDARD CARE ALONE FOR REFRACTORY DIABETIC FOOT ULCERS: A SYSTEMATIC REVIEW AND META-ANALYSIS # 36 | RAMAN LOTFI |
| 10:51 – 10:58 | GLYCOHEAL: GLYCOENGINEERED PEPTIDES AS NEXT-GENERATION THERAPEUTICS FOR DIABETIC WOUND HEALING # 48 | MUHAMMAD AQUIB |
| 10:58 – 11:05 | OVEL APPROACH FOR ENHANCED WOUND HEALING WITH CONTINUOUS OXYGEN CHANGES IN A PRESSURIZED CHAMBER # 94 | DR. SOUMYA JOHN , HARIGOVIND M R, JAISE JACOB N, SANDEEP GOPALAKRISHNAN |
| 11:05 – 11:12 | REVASCULARIZATION PLUS OXYGEN-DRIVEN WOUND HEALING: A HYBRID NPWT AND TOPICAL OXYGEN THERAPY APPROACH IN CLTI # 95 | DR. RIJU R. MENON, DR. ANOOP VASUDEVAN PILLAI, JAISE JACOB |
| 11:12 – 11:20 | ORTHOPEDIC SOFT TISSUE MANAGEMENT AND ADVANCED TOTAL CONTACT CASTING FOR DIABETIC FOOT CARE #47 | MOHAMED KHALAF MOHAMED |

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SESSION A2 | BIOMATERIALS, TISSUE ENGINEERING, AND ADVANCED DRESSINGS

CHAIR : MS. MERIN DANIEL / MS. ASHA ALI ABDI

| TIME | TOPIC | SPEAKER |
|--------------|---|----------------------------|
| 11:20 –11:27 | ECM-MIMETIC ALIGNED NANOFIBROUS DRESSINGS WITH ENHANCED REGENERATIVE POTENTIAL #3 | NAVIN KUMAR VERMA |
| 11:27 –11:34 | CLINICAL OUTCOMES OF A BIOSYNTHETIC CELLULOSE DRESSING USED AS A DERMAL SUBSTITUTE IN WOUND HEALING: EVIDENCE FROM 14 CONSECUTIVE CASES # 17 | SERGIO MAZZEI |
| 11:34 –11:41 | REFRACTORY WOUNDS AND PRP (SYSTEMATIC REVIEW) # 22 | NEGIN HOSSEINI |
| 11:41 –11:48 | CLINICAL EVIDENCE AND COMPARATIVE TRENDS OF CELLULAR VERSUS ACCELLULAR BIOENGINEERED SKIN SUBSTITUTES IN DIABETIC FOOT ULCERS: A SCOPING REVIEW WITH TARGETED COMPARATIVE SYNTHESIS #35 | KIMIA SOLTANIHA |
| 11:48 –11:55 | ECM-Mimetic Aligned Nanofibrous Dressings with Antimicrobial and Immunomodulatory Functions for Improved Diabetic Wound Repair #90 | ABDELMUHAIMEN ABUGHOSH |
| 11:55 –12:00 | REVASCULARIZATION PLUS OXYGEN-DRIVEN WOUND HEALING: A HYBRID NPWT AND TOPICAL OXYGEN THERAPY APPROACH IN CLTI #93 | DR. ANOOP VASUDEVAN PILLAI |

DAY 1

ORAL FREE PAPERS

SESSION A3 | ARTIFICIAL INTELLIGENCE, DIGITAL HEALTH, AND SMART TECHNOLOGIES IN WOUND CARE

CHAIR : MS. ILINE RAGHEB TAHAN / MS. YARA AMJED ALI

| TIME | TOPIC | SPEAKER |
|---------------|--|----------------------|
| 12:00 – 12:07 | BRIDGING TRUSTWORTHY AI INTO WOUND CARE: AN INTERDISCIPLINARY PERSPECTIVE #10 | HAMID REZA MARATEB |
| 12:07 – 12:14 | WOUND MANAGEMENT PHILOSOPHY # 78 | AHMED TOLBA |
| 12:14 – 12:21 | MICRO-NEEDLING IN MANAGEMENT OF HYPO-PERFUSION HYPER-GRANULATION TISSUE: A CASE REPORT # 79 | TANNAZ FAREGH |
| 12:21 – 12:28 | COPPER NANOPARTICLE-INFUSED ANTIOXIDANT CREAM STIMULATES SIRT1 EXPRESSION IN KERATINOCYTES # 80 | MARÍA DÍAZ |
| 12:28 – 12:35 | Single-Session Management of an Extensive Periocular Facial Laceration Using Suturing and Punch Grafting: A Case Report # 82 | REZA GHORBANI |
| 12:35 – 12:42 | BUILDING A HIGH-RELIABILITY WOUND CARE SYSTEM IN INDONESIA: STANDARDS, PROTOCOLS, AND QUALITY METRICS IN RESOURCE-VARIABLE SETTINGS # 83 | WIDASARI SRI GITARJA |
| 12:42 – 12:50 | NURSE-LED INNOVATIONS IN DIABETIC FOOT ULCER PREVENTION: ADVANCING PATIENT-CENTERED STRATEGIES FOR IMPROVED HEALING OUTCOMES #86 | YVETTE CONYERS |
| 12:50 – 13:00 | “BEYOND THE SURFACE: A PROACTIVE APPROACH TO PRESSURE INJURY PREVENTION”#89 | NAVIN KUMAR VERMA |

ORAL FREE PAPERS

DAY 1

SESSION A4 | PHARMACOLOGICAL, ADVANCE MODALITIES AND SYSTEMIC FACTORS AFFECTING WOUND HEALING

CHAIR : MS. SHINEY VARGHESE / MS. DARSANA SOMAN

| TIME | TOPIC | SPEAKER |
|--------------|---|-----------------------------------|
| 14:00 –14:07 | THE IMPACT OF TRAMADOL AND OPIUM SYRUP USE ON WOUND HEALING OUTCOMES #13 | AMIR MOHAMMAD AHMADPOUR TORKAMANI |
| 14:07 –14:14 | HYPERBARIC OXYGEN THERAPY TO PROMOTE WOUND HEALING IN MASSIVE CENTRAL SCALP NECROSIS FOLLOWING HAIR TRANSPLANTATION: ADJUNCTIVE USE OF HONEY AND SESAME OIL – A CASE REPORT #19 | SERGIO MAZZEI |
| 14:14 –14:21 | AN ARTIFICIAL EXTRACELLULAR MATRIX AS AN INTERACTIVE REGENERATIVE WOUND DRESSING FOR CHRONIC WOUNDS # 26 | MOHAMMAD RAOUI |
| 14:21 –14:28 | MAPPING CLINICAL EVIDENCE FOR BACTERIAL NANOCELLULOSE (BNC) DRESSINGS IN WOUND CARE: A SCOPING REVIEW HIGHLIGHTING TRANSLATIONAL GAPS IN DIABETIC FOOT ULCERS # 29 | JAVAD GHORBANI |
| 14:28 –14:35 | Novel botanical cream* for chronic wounds acting on all three phases of wound healing # 37 | DR VIBHAKAR VACHHRAJANI |
| 14:35 –14:42 | AUTOLOGOUS FAT GRAFTING IN WOUND HEALING: A REVIEW OF CLINICAL TRIALS (2020–2025) # 39 | NEGIN HOSSEINI |
| 14:42 –14:50 | HEALING THE HEEL ULCERS: A CASE REPORT ON COMBINED HYPERBARIC OXYGEN THERAPY AND MESENCHYMAL STEM CELLS IN TREATMENT FOR DIABETIC FOOT ULCERS # 42 | KVNN SANTOSH MURTHY |
| 14:50 –15:00 | DECREASING THE NUMBER OF INCIDENTS OF IRRITANT CONTACT DERMATITIS DUE TO INCONTINENCE (ICD-I) FOR PATIENT'S DIAPER DEPENDENTS BY 15% OF NUMBER OF REPORTED CASES FROM LAST YEAR 2024 # 50 | SAMIR ABUHEIJA |

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ORAL FREE PAPERS

SESSION A5 | CLINICAL MANAGEMENT OF COMPLEX AND HIGH-RISK WOUNDS

CHAIR : MS. JASMINE JAMES CHACKO / MR. HAMZA ABED AL SHRAIEDEH

| TIME | TOPIC | SPEAKER |
|--------------|---|-----------------------------------|
| 15:00 –15:07 | “SUCCESSFUL MULTIDISCIPLINARY MANAGEMENT OF AN ISCHEMIC DIABETIC HEEL ULCER IN AN ELDERLY PATIENT WITH SEVERE PERIPHERAL ARTERIAL FLOW LIMITATION” # 14 | AMIR MOHAMMAD AHMADPOUR TORKAMANI |
| 15:07 –15:14 | BUILDING EXCELLENCE IN DIABETIC FOOT CARE: THE DIABETES CENTER EXPERIENCE # 15 | MOHAMED FATHALLAH |
| 15:14 –15:21 | FROM RISK TO RESCUE: A STRUCTURED PATHWAY FOR EARLY DETECTION, VASCULAR REFERRAL, AND LONG-TERM MONITORING OF ISCHEMIC DIABETIC FOOT PATIENTS IN THE PRIVATE SECTOR #21 | MAISAA ZAKRAIT |
| 15:21 –15:28 | DECISION-POINT OUTPATIENT PROTOCOL FOR AN INFECTED FULL-THICKNESS DORSAL FOOT CONTACT BURN: A COMPLEX SINGLE CASE # 41 | JAVAD GHORBANI |
| 15:28 –15:35 | Effectiveness of a Dedicated Dressing Team for Burn Patients ($\geq 20\%$ TBSA): Impact on Nursing Workload, Cost Efficiency, Wound Outcomes, and Early Discharge # 49 | AHMAD ALSMADI |
| 15:35 –15:40 | NEW METHOD OF FAT MEMBRANE GRAFTING IN MANAGEMENT OF NON-HEALING WOUNDS: A CASE SERIES # 55 | TANNAZ FAREGH |

DAY 1

ORAL FREE PAPERS

SESSION A6 | MULTIDISCIPLINARY AND INTEGRATED MODELS OF WOUND CARE

CHAIR : MS. ALICE WANAY MADONGIT MANAPLA / MS. MARY ABRAHAM

| TIME | TOPIC | SPEAKER |
|--------------|---|---------------------|
| 16:00 –16:07 | ADVANCING DIABETIC FOOT ULCER HEALING THROUGH STRUCTURED, PATIENT-CENTERED MULTIDISCIPLINARY CARE # 16 | SIMI ISSAC |
| 16:07 –16:14 | EFFECTIVENESS OF PHOTO BIOMODULATION THERAPY WITH PNEUMATIC SHOCKWAVE THERAPY IN IMPROVING PLANTAR PRESSURE DISTRIBUTION AND FOOT BIOMECHANICS IN DIABETIC FOOT SYNDROME # 24 | HRISHIKESH KORADA |
| 16:14 –16:21 | THE FAMILY'S ROLE IN CONTINUING PRESSURE ULCER CARE AT HOME AFTER HOSPITAL DISCHARGE # 27 | ALI ALIBRAHIM |
| 16:21 –16:28 | OUT PATIENT SPECIALTY APPROACH IN WOUND MANGMENT # 32 | HAIFA AL TAMIMI |
| 16:28 –16:35 | Effectiveness of Infrared Thermometry for Early Detection of Wound Infection # 68 | ABDULRAHMAN ALMALKI |
| 16:35 –16:42 | PREVENTING DEVICE-RELATED PRESSURE INJURIES ASSOCIATED WITH CONTINUOUS POSITIVE AIRWAY PRESSURE IN THE NEONATAL POPULATION # 69 | LAILA SAFHI |
| 16:42 –16:50 | IMPROVING NURSING COMPLIANCE AND QUALITY OF SKIN AND WOUND DOCUMENTATION THROUGH STAFF EDUCATION: A QUALITY IMPROVEMENT PROJECT # 70 | RINCY MURALI |
| 16:50 –16:58 | FROM REACTIVE TO PROACTIVE: A PEER-LED SKIN SURVEILLANCE SYSTEM ELIMINATING HOSPITAL-ACQUIRED PRESSURE INJURIES IN THE NICU # 72 | SALMA NAJJAR |
| 16:58 –17:06 | Wound Burden A Point prevalence study at Academic hospital in western Kenya # 84 | MOUREEN ADHIAMBO |