

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 ACELLULAR 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

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### SESSION A3 | ARTIFICIAL INTELLIGENCE, DIGITAL HEALTH, AND SMART TECHNOLOGIES IN WOUND CARE CHAIR : MS. ILINE RAGHEB TAHA / 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 Periorcular 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

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### 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 RAOUFI
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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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 (≥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

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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