Saturday, October 23 11:00 - 11:50

**Burn Care During the COVID-19 Pandemic**

Moderator: Hiroto IKEDA
Department of Emergency Medicine
Teikyo University school of Medicine
JAPAN

Niann-Tzuy DAI
Department of Surgery
Tri-Service General Hospital
TAIWAN

**ASY1-1** The impact of COVID-19 on burn care in Japan
Tetsuro KIYOZUMI
Department of Defense Medicine, National Defense Medical College / Japanese Society for Burn Injuries
JAPAN

**ASY1-2** Restructuring burns management during the COVID-19 pandemic: A Malaysian experience
Devananthan ILENGHOVEN
Universiti Teknologi MARA
MALAYSIA

**ASY1-3** Application of Continuous Home Remote Visiting Mode Based on Standardized Communication System in Visiting Management of Severe Burn Patients in Post-epidemic Era
Ning LI
Department of Burns, The First Affiliated Hospital of Army Medical University
CHINA

**ASY1-4** Characteristics of burn injury during COVID-19 pandemic in Tokyo Metropolis
Ryo YAMAMOTO
Department of Emergency and Critical Care Medicine, Keio University School of Medicine
JAPAN

**ASY1-5** Burn Care during the Covid 19 pandemic
Kuldeep SINGH
Indraprastha Apollo Hospital
INDIA
APBC Symposium 2

Saturday, October 23
13:25 - 14:45

Management of Burn Wound Infection

Moderator: Jun WU
Department of Burn and Plastic Surgery
The First Affiliated Hospital, Shenzhen University
CHINA

Hiroyuki SAKURAI
Plastic and Reconstructive Surgery
Tokyo Women’s Medical University
JAPAN

ASY2-1 Burn Wound Debridement for Infection Control in Massive Burn
Pornprom MUANGMAN
Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University
THAILAND

ASY2-2 Prevention of nosocomial infection in hydrotherapy in shared showers facility
Yoshitaka KUBOTA
Department of Plastic Surgery, Chiba University
JAPAN

ASY2-3 Wound bed preparation with maintenance debridement for engraftment skin graft
Minoru HAYASHI
St. Mary’s Hospital
JAPAN

ASY2-4 Management of burn wound infection and unique aetiology
Farrah Hani IMRAN
Universiti Kebangsaan Malaysia Medical Centre
MALAYSIA
APBC Symposium 3

Live-streaming

Saturday, October 23 16:40 - 18:00

Infection Control in Burn ICU/Burn Unit

Moderator: Folke SJÖBERG
The Burn Center, Linköping University Hospital
Department of Biomedical Clinical and Clinical Sciences (BKV), Linköping University
SWEDEN

Jun ODA
Emergency and Critical Care Medicine
Tokyo Medical University
JAPAN

ASY3-1 Usefulness of surveillance wound cultures for severe burn patients
Yasuhiko KAITA
Department of Trauma and Critical Care Medicine Kyorin University, School of Medicine
JAPAN

ASY3-2 Infection Prevention and Antibiotic Stewardship in Burn Patients from Formosa Fun Coast Dust Explosion
Sheng-Kang CHIU
Division of Infectious Diseases and Tropical Medicine, Taipei Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation / Division of Infectious Diseases and Tropical Medicine, Department of Medicine, Tri-Service General Hospital, National Defense Medical Center
TAIWAN

ASY3-3 Application of ECMO for burns
Gaoxing LUO
Institute of Burn Research, State Key lab of Trauma, Burn and Combined injury, Southwest Hospital, Third Military Medical University
CHINA

ASY3-4 Infectious control in the Burn ICU/Burn Unit - A holistic Approach
Folke SJÖBERG
The Burn Center Linköping University Hospital, Departments of Biomedical and Clinical Sciences (BKV), Linköping University Hospital
SWEDEN
APBC Symposium 4

Sunday, October 24 11:00 - 12:20

Burn Treatment Guideline

Moderator: David G GREENHALGH
Division of Burn Surgery
Shriners Hospitals for Children Northern California and University of California, Davis
USA

Asako MATSUSHIMA
Department of Advancing Acute Medicine
Nagoya City University Graduate School of Medical Sciences
JAPAN

ASY4-1 Chinese Burn Association expert consensus on the operation and management of deep vein catheterization in severe burn patients (2020 version)
Jun WU
The First Affiliated Hospital. Shenzhen University
CHINA

ASY4-2 Goal-directed fluid resuscitation protocol with early colloid intervention in major burns: The first 48 post burn hours
Hao-Yu CHIAO
National defense medical center / Tri-service general hospital
TAIWAN

ASY4-3 Fluid resuscitation in new practical guidelines for burn care in Japan
Yukio SATO
Department of Emergency and Critical Care Medicine, Keio University School of Medicine
JAPAN

ASY4-4 Burn Treatment Guidelines - Need of the hour in India
Vinita PURI
Seth G S Medical College and KEM Hospital
INDIA

ASY4-5 Treatment of the massive burn patient
David G. GREENHALGH
Shriners Hospitals for Children Northern California and Department of Surgery, University of California
USA
APBC Symposium 5

Scar Management and Surgery,
Post-Burn Scar Contracture and Keloids

Moderator: Dong Chul KIM
Department of Plastic and Reconstructive Surgery
Advanced Burn Reconstruction Center, Bundang Jesaeng Hospital
KOREA

Rei OGAWA
Department of Plastic, Reconstructive and Aesthetic Surgery
Nippon Medical School
JAPAN

ASY5-1 Useful and effectiveness of Burn scar management using by FTSG with fat graft
Young Chul JANG
BPS Soo Hospital
KOREA

ASY5-2 RECONSTRUCTION OF LARGE BURN SCAR - DIFFICULTIES AND CHALLENGE
Vinh Quang VU
Vietnam national hospital of burn
VIETNAM

ASY5-3 Free Tissue Transfer for Post-burn Reconstruction
Hiroyuki SAKURAI
Department of Plastic and Reconstructive Surgery, Tokyo Women’s Medical University
JAPAN

ASY5-4 Use of Tissue Expanders in Burn Reconstruction: Our experience
Vinita PURI
Seth G S Medical College and KEM Hospital
INDIA

ASY5-5 Keloid Today: 3 Year-Experience in Keelung Chang Gung Memorial Hospital
Chia.Hsuan TSAI
Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Keelung branch, College of Medicine, Chang Gung University
TAIWAN
ASY5-6  The systemic factors shaping cutaneous pathological scarring and potentially involved in scar management
Chenyu HUANG
Beijing Tsinghua Changgung Hospital, Tsinghua University
CHINA

ASY5-7  Super tension-relieving suture technique combined with adjuvant radiotherapy in keloid management
Yixin ZHANG
Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital / Shanghai JiaoTong University School of Medicine
CHINA
APBC Symposium 6

Live-streaming

Sunday, October 24 15:50 - 17:35

Laser/Aesthetic Treatment in Burn Care

Moderator: Jui-Yung YANG
Plastic & Reconstructive surgery, Burn Center
Chang Gung Memorial Hospital and University
TAIWAN

Taro KONO
Department of Plastic Surgery
Tokai University
JAPAN

ASY6-1 Improvement of hypertrophic scar by early intervention with ablative fractional carbon dioxide laser
Jianglin TAN
Institute of Burn Research, State Key Laboratory of Trauma, Burns and Combined Injury, Chongqing Key Laboratory for Disease Proteomics, Southwest Hospital, Army Medical University
CHINA

ASY6-2 Effect analysis of early application of sequential laser in treatment of hypertrophic scar in children with burn
Chunhui XIE
The First Hospital of Jilin University
CHINA

ASY6-3 Aesthetic Burn Reconstruction - from Laser and Make-up Therapy to Surgery -
Rei OGAWA
Department of Plastic, Reconstructive and Aesthetic Surgery
Nippon Medical School
JAPAN

ASY6-4 Management of burn scar with dermabrasion and non-cultured regenerative epithelial suspension
Liang QIAO
Department of Burn and Plastic Surgery, Ruijin Hospital, School of Medicine, Shanghai Jiaotong University
CHINA

ASY6-5 Laser treatments in burn and traumatic scars
Whoraphong MANUSUKIATTI
Department of Dermatology, Faculty of Medicine Siriraj Hospital, Mahidol University
THAILAND
Basic Research

AO-01 Adjustable biodegradability of low-swelling hydrogels prepared from recombinant peptides based on human collagen type 1
  Takashi NAKANO
  Department of Plastic and Reconstructive Surgery, Graduate School of Medicine, Kyoto University, JAPAN

AO-02 BMSCs derived exosomes alleviate smoke inhalation lung injury
  Guang-Hua GUO
  The First Affiliated Hospital of Nanchang University, CHINA

AO-03 Role and mechanism of PI3K/AKT/FoxO1/PDX-1 signaling pathway in functional changes of pancreatic islets in rats after severe burns
  Bohan ZHANG
  The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-04 Study on changes of insulin secretion and signal transduction mechanism in rats at early stage post severe burns
  Dawei LI
  The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-05 Long-term influence of burns on islets
  Xinzhu LIU
  The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-06 Tideglusib Promotes Wound Healing in Aged Skin by Up-regulating Epidermal Growth Factor Receptors
  Jiachen SUN
  The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-07 Adiponectin receptor agonist AdipoRon blocks skin inflamm-aging by regulating mitochondrial dynamics
  Jiachen SUN
  The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-08 Protective effects of ginsenoside Rc against severe burn-induced myocardial injury in rats
  Yan XUE
  the Department of Burn Surgery, the First Hospital of Jilin University, CHINA
AO-09  Resistance reversal of methicillin-resistant Staphylococcus aureus through regulation of MecA gene by sub-high temperature photothermal and its mechanism
Xinxin CHEN
The Department of Burn Surgery, the First Hospital of Jilin University, CHINA

AO-10  Cucurbitacin E induces autophagy-involved apoptosis in intestinal epithelial cells
Huapei SONG
State Key Laboratory of Trauma, Burn and Combined Injury, Institute of Burn Research, Southwest Hospital, Third Military Medical University, CHINA

AO-11  TNFAIP3 Showed Significant Higher mRNA Expression in Human Hypertrophic Scar,
Xinxin GAO
The first hospital of Jilin University, CHINA

AO-12  Creating a third-degree burn model using Japanese fire belly newt
Ikkei TAKASHIMIZU
Department of Plastic and Reconstructive Surgery, Shinshu University School of Medicine, JAPAN

AO-13  Network analysis revealed central genes expressions in the blood in patients with severe burns.
Yuki TOGAMI
Department of Traumatology and Acute Critical Medicine, Osaka University Graduate School, JAPAN

AO-14  Ellagic acid exerts anti-fibrotic effects via TGF-β1/Smad2/3 pathway suppression in hypertrophic scar fibroblasts
Xianglong MENG
Department of Burns Surgery, the First Hospital of Jilin University, CHINA

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Burn Care Facility

AO-15  a new burn unit in Uttarakhand
Vishal MAGO
AIIMS Rishikesh, INDIA
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Clinical and Intensive-Care

AO-16 The Effect of Direct Peritoneal Resuscitation on Mice with Severe Burn Shock and Its Mechanism
Dawei LI
The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-17 Blood Loss in Burn Surgeries: Prediction and Its Related Factors
Leorca AURINO
Faculty of Medicine Universitas Indonesia, INDONESIA

AO-18 ROLE OF ACUTE KIDNEY INJURY IN SEVERELY BURNED PATIENTS
Zhiqiang YUAN
Institute of burn research, Southwest hospital, CHINA

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Disaster-Management

AO-19 An Allied Health response to the NSW Bushfire season, White Island Volcano disaster and COVID: challenges and lessons learnt
Julia KWIET
NSRHS Social Work Department / Severe Burn Injury Unit, RNSH Sydney, AUSTRALIA

AO-20 Triage and transportation for Kyoto Animation Arson Attack
Kenichiro TAKASHINA
Emergency and Critical Care Medical Center, Japanese Red Cross Society Kyoto Daiichi Hospital, JAPAN

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Electrical and Chemical Burns

AO-21 A Case of Chemical Injury Around the Anus After Drinking Kerosene
Yohei SUGI
Department of Emergency and Critical Care, National Hospital Organization Kumamoto Medical Center, JAPAN

AO-22 Chemical burn of the face, mouth, pharynx, and esophagus caused by alkaline powder ingestion: a case report
Ryosuke YUNOKI
Trauma and Emergency Center, Fukaya Red Cross Hospital, JAPAN
AO-23  The Evaluation of Golden Period of Fasciotomy for High Voltage Electrical Burn Injury Patients with Compartment Syndrome
   Almahitta Cintami PUTRI
   Division of Plastic Reconstructive and Aesthetic Surgery, Department of Surgery, Faculty of Medicine, Universitas Padjadjaran (FK UNPAD), Dr. Hasan Sadikin Hospital / Graduate School of Biomedical Sciences, Doctoral Program, FK UNPAD, INDONESIA

AO-24  Epidemiology of electrical burns: A 5 year retrospective analysis of 131 cases at dr Kariadi Central General hospital between January 2015 and December 2019
   Silvina SUTEDJO
   Diponegoro University Medical Faculty, INDONESIA

AO-25  Amputation of Upper Limb Following Electric Burn Injury: Bangladesh Experience
   Most. Nurunnahar BEGUM
   Sheikh Hasina National Institute of Burn and Plastic Surgery, BANGLADESH

AO-26  COMPARATIVE ANALYSIS OF MIDLINE VS CONVENTIONAL TYPE FASCIOTOMY IN COMPARTMENT SYNDROME OF UPPER LIMB IN POST ELECTRIC BURN PATIENTS
   Manish M BHARADWAJ
   Patna Medical College and Hospital, INDIA

AO-27  Outcome of Transposition flap in Scalp Reconstruction following Electric Burn
   Most. Nurunnahar BEGUM
   Sheikh Hasina National Institute of Burn and Plastic Surgery, BANGLADESH

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Epidemiology

AO-28  When does a burn patient die?
   Akinori OSUKA
   Department of Trauma, Critical care & burn center
   JCHO Chukyo Hospital, JAPAN

AO-29  Survey on the current status of self-immolation attempts in Akita Prefecture
   Yasuhito IRIE
   Department of Emergency and Critical Care Akita University Graduate School of Medicine, JAPAN
AO-30 The epidemiology of alcohol burns in Beijing, China: 163 cases from 2015 to 2020
  Wen ZHANG
  The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-31 Retrospective analysis of bloodstream fungal infections in severe burn patients
  Cheng ZHANG
  Southwest Hospital, CHINA

AO-32 The trends of burn patients in Tokyo analyzed the data of TBUA during recent 30 years
  Naoki MORITA
  Department of Plastic and Reconstructive Surgery Tokyo Metropolitan Hiroo Hospital, JAPAN

AO-33 Burns First Aid and Burn-Related Nutrition Among 2437 Inhabitant in Saudi Arabia: A Nationwide Survey
  Faisal Ali AL JABR
  College of Medicine, King Faisal University, SAUDI ARABIA

AO-34 Epidemiological Study of Burn Patients in only tertiary care center in resource crunch state of Eastern India
  Ashutosh SHANKHDHAR
  Patna medical college and hospital, INDIA

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  Ethics

AO-35 The value of renal injury marker protein in the early clinical diagnosis of burn delayed resuscitation of acute renal injury
  Xiaoliang LI
  Zhengzhou first people hospital, CHINA

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  Infection Control

AO-36 A single center study on antimicrobial use and bacterial resistance in burn ward
  Dou YI
  Ruijin Hospital, Shanghai Jiaotong University School of Medicine, CHINA
AO-37  Discovery of a Novel lytic bacteriophages of carbapenem-resistant Klebsiella, kpssk3
Yizhi PENG
Burn Institute, Southwest Hospital, The Third Military Medical University, CHINA

AO-38  The prognostic value of serum procalcitonin measurements in severe burn patients: A retrospective study
Zhaoxing LIU
The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-39  Intermingled skin allograft and autograft use in the treatment of major burns in older adults
Hongmin LUO
Guangdong Provincial People’s Hospital, Guangdong Academy of Medical Sciences, CHINA

AO-40  Epidemiology and Knowledge of First Aid Treatment Related to Burn Injury in the Rural Region of Kulon Progo, Indonesia
Almas Nur PRAWOTO
Wates Regional Hospital, INDONESIA

AO-41  The predictive value of first operation after burn in extremely severe burn patients
Wei ZHU
Institute of Burn Research, Southwest Hospital, Army Medical University, CHINA

AO-42  Clinician Interviews to Determine Opinion on Risk Factors for Burn Contracture Formation
Ruthann FANSTONE
Global Centre for Burn Injuries Policy and Research, Swansea University, UK

AO-43  Out of the box solutions for tissue protection in postoperative period
Armaan KHOSA
Seth GS Medical College & KEM Hospital, INDIA

AO-44  Holistic Burn Care To All: Survival and Beyond
Raghav SHROTRIYA
Department of Plastic Surgery, Seth GS Medical College and KEM Hospital, INDIA

Management of Burns in Developing Countries
AO-45 Retrospective evaluation of geriatric burn patients treated in a tertiary care burn unit.
  Raghav MAGO
  Department of Plastic & Reconstructive Surgery, K.E.M Hospital, INDIA

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Nursing

AO-46 Study on Application and Therapeutic Effect of Citric Acid In-vitro Anticoagulation Standard Nursing Intervention Techniques in Blood Purification Treatment for the Severely Burned
  Ning LI
  Department of Burns, The First Affiliated Hospital of Army Medical University, CHINA

AO-47 Application of sequential rehabilitation nursing technology in new healing skin care after deep burn of face and neck
  Ning LI
  Department of Burns, The First Affiliated Hospital of Army Medical University, CHINA

AO-48 Humanistic care in continuous care to reduce incidence of delirium and the application of large area burn patients
  Ting Ting HE
  The First Hospital of Jilin University, CHINA

AO-49 Analysis of causes of hypothermia and nursing intervention in patients with severe burn
  Wu Ming ZHANG
  The First Hospital of Jilin University, CHINA

AO-50 Clinical application of intravenous anesthesia combined with ultrasound guided PICC catheter in children with severe burns
  Yan MA
  The First Hospital of Jilin University, CHINA

AO-51 Application of fast track surgery in patients with deep stress injury
  Dan CHENG
  The First Hospital of Jilin University, CHINA

AO-52 Application of MDT with Hand Function Rehabilitation Video Production in Home Nursing Care for Children with Burns
  Duo CAI
  The First Hospital of Jilin University, CHINA
AO-53  INFECTION CONTROL  HANDS THAT HEAL SHOULD NOT BE THAT HAND THAT KILLS… SPREAD THE CARE AND NOT THE GERMS!
Vijayalakshmi PILLAI
Military Hospital Jalandhar Punjab India, INDIA

AO-54  BURN DRESSING AN ART Lone nurse an artist has been painting for three hours yet feels like 30 minutes have gone by
Vijayalakshmi PILLAI
Military Hospital Jalandhar Punjab India, INDIA

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Outcome Measures
AO-55  Post-burn incidence of contractures in one year.
Ankit MISHRA
Choithram Hospital And Research Centre, INDIA

AO-56  PREVENTION OF LONG TERM BURN COMPLICATIONS - PIVOTAL ROLE FOR BURN NURSES
Siji BHASKARAN
Maharashtra University of Health Sciences / Armed Forces Medical College Pune / Command Hospital Kolkata, INDIA

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Pain Management
AO-57  HEALING TOUCH WITH HOLISTIC NURSING - PATHWAY TO PAIN MANAGEMENT IN BURNS
Siji BHASKARAN
National Academy of Burns India / Command Hospital Eastern Command Kolkata / Maharashtra University of Health Sciences / Indian Nursing Council / Trained Nurses Association of India / Society of Midwives India, INDIA

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Pediatric Burn
AO-58  Aicardi Goutieres’s Syndrome And Delayed Burns Wound Healing - A Rare Occurrence
Javaria FAIZ
Swansea Bay university health board / Health Education and improvement Wales / Burns and Plastics Morriston Hospital Swansea, UK
AO-59  A scalded 2-year-old child associated with acute encephalopathy: a case report
Keiichiro NAKAGOMI
Trauma and Emergency Center, Fukaya Red Cross Hospital, JAPAN

AO-60  Autologous scar-related tissue for reconstruction of large area burn scars of children
Juntao HAN
Department of Burns and Cutaneous Surgery, Xijing Hospital, Air Force Medical University, CHINA

AO-61  Is Fever in Pediatric Burn relevant to successive Infection?
Erina KAWABATA
Plastic Surgery, Osaka Medical College, JAPAN

Daly GEAGEA
Centre for Children's Burns and Trauma Research / The University of Queensland, AUSTRALIA

AO-63  Pattern of Presentation of Pediatric Burn During Covid-19 Pandemic
Most. Nurunnahar BEGUM
Sheikh Hasina National Institute of Burn and Plastic Surgery, BANGLADESH

AO-64  Retrospective evaluation of paediatric burn patients treated in a tertiary care burn unit
Armaan KHOSA
Seth GS Medical College & KEM Hospital, INDIA

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Pre-Hospital Burn Care

AO-65  Estimation of Total Body Surface Area Burned - A Comparison Between Burn Unit and Referring Facilities
Hui Lian HO
Department of Surgery, Faculty of Medicine and Health Sciences, Universiti Malaysia Sabah / Reconstructive Science Unit, School of Medical Sciences, Universiti Sains Malaysia, MALAYSIA

AO-66  Knowledge of burn first aid practices among the community and challenges faced by healthcare workers in managing burn injury at primary health care in Kota Selatan, Gorontalo.
Azmi Ritana NANO
Kota Selatan Primary Health Care, INDONESIA
Prevention

AO-67 Does a respiratory circuit equipped with a heated humidifier cause moderate-temperature burns? - Measurement of circuit surface temperature -
Masato AKIMOTO
Department of Plastic and Reconstructive Surgery, Shinshu University School of Medicine, JAPAN

AO-68 Prevention of microstomia in patients having peri-oral burns
Raghav SHROTRIYA
Department of Plastic Surgery, Seth GS Medical College and KEM Hospital, INDIA

Psychological Reaction

AO-69 Impact analysis of India’s only Pediatric Burn Survivor Camp: Preliminary findings
Vinita PURI
Seth G S Medical College and KEM Hospital, INDIA

Quality of Life

AO-70 Withdrawal

AO-71 Effectiveness of rehabilitation makeup therapy for burn-induced hypertrophic scars with an uneven surface
Rintaro ASAHI
Nippon Medical School, JAPAN

AO-72 THE QUALITY OF OUTCOME MUST BE WORTH THE PAIN OF SURVIVAL
Siji BHASKARAN
Maharashtra University of Health Sciences / Armed Forces Medical College / Command Hospital Kolkata, INDIA
Reconstruction and Scar Management

AO-73  Ablative Fractional CO2 Laser Surgery Improving Sleep Quality, Pain and Pruritus in Adult Hypertrophic Scar Patients: A Prospective Cohort Study
Kaiyang LV
Department of Plastic Surgery, Xinhua Hospital, Shanghai Jiao Tong University School of Medicine, CHINA

AO-74  Association of plasminogen activator inhibitor-1 and vitamin D receptor expression with the risk of keloid disease in a Chinese population
Hua Zhen GONG
zhenhua, CHINA

AO-75  Effect of extracorporeal shock wave therapy on hand function after skin grafting in adult hand burns
Xiao Chuan XU
The First Hospital of Jilin University, CHINA

AO-76  Childhood Burns Leading to Skeletal and Soft Tissue Deformities
Raghav SHROTRIYA
Department of Plastic Surgery, Seth GS Medical College and KEM Hospital, INDIA

AO-77  The Superficial circumflex iliac artery perforator flap for reconstruction of post burn neck contracture.
Daisuke FUJISAWA
Department of Plastic and Reconstructive Surgery, Dokkyo Medical University, JAPAN

AO-78  Long-Term Follow-up of Breast Development and Optimal Correction in Female Patients with Anterior Chest Burns
Masami MURAKAMI
Department of Plastic and Reconstructive Surgery, Tokyo Women’s Medical University, JAPAN

AO-79  Use of Integra® after release of post burn contractures: Our experience
Vinita PURI
Seth G S Medical College and KEM Hospital, INDIA
Association between perineal burns injury and in-hospital mortality: A retrospective observational study from the nation-wide burn registry in Japan

Tetsuya HOSHINO
Department of Emergency and Critical Care Medicine, University of Tsukuba Hospital, JAPAN

Preliminary study on correlation between DASH Questionnaire initial score and time to functional independence in burn patients

Li CHANG
Sunshine Social Welfare Foundation, TAIWAN

Pressure therapy intervention for a case of burn hypertrophic scars on dorsal aspect of forefoot

Chen-Jui HSU
Sunshine Social Welfare Foundation, TAIWAN

The effect of gait assisted robot training on the biomechanical properties of burn scars

Yoon Soo CHO
Department of Rehabilitation Medicine, Hangang Sacred Heart Hospital, College of Medicine, Hallym University, KOREA

Design and Application of Comprehensive Evaluation APP of Burn Hand Function

Xiu-Hang ZHANG
The First Hospital of Jilin University, CHINA

Secondary injuries caused by inappropriate rehabilitation treatments: a series of case reports

Siyuan MA
Institute of Burn Research, Southwest Hospital, State Key Laboratory of Trauma, Burns and Combined Injury, the Army Medical University, CHINA

Exploring use of 3D printing in facemask fabrication for patients with facial burns

Anna TAN
Singapore General Hospital, SINGAPORE
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Surgical Techniques

AO-87 Using large skin sheets alternately spliced from autologous and allogeneic micrografts for repairing extensive deep burn wounds
  Chuanan SHEN
  The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-88 A case report of sever contact burn with exhaust pipe at lower limb
  Yoshitaka MATSUURA
  Otsu red cross hospital, JAPAN

AO-89 Two-step coverage of split-skin Meek-Isles after 7-10 days with a polylactide membrane (Supratel®)
  Matthias RAPP
  Clinic for Orthopedics, Trauma Surgery and Sports Traumatology - Burn Center, Marienhospital Stuttgart, GERMANY

AO-90 Our time tested technique of full thickness skin graft immobilisation over mobile regions of face
  Nishanth SADHANALA
  Department of plastic surgery, KEM HOSPITAL, SETH G S MEDICAL COLLEGE, INDIA

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Systemic Infection

AO-91 Comparison of Morbidity and Mortality in Burn Patients with Multi-Drug Resistant Organisms (MDRO) and Non-MDRO Bacteria in Sanglah Hospital Bali
  Gede Wara SAMSARGA
  Division of Plastic and Reconstructive Surgery, Faculty of Medicine Udayana University, Sanglah General Hospital, INDONESIA

AO-92 Early diagnosis of sepsis in severe burn patients
  Mitsuhide HAMAGUCHI
  Department of Emergency & Critical Care Medicine, Kindai University Faculty of Medicine, JAPAN
Tissue Engineering, skin substitute and Cell therapy

AO-93 Preventive Effect of The First Epidermal Growth Factor Motif of Coagulation Factor 9 on Keloid and Hypertrophic Scar
Tsumoto KASHIMURA
Department of Plastic and Reconstructive Surgery, Nihon University School of Medicine, JAPAN

AO-94 Placental-based allografts in complex limb salvage: a pilot study
Marc R. MATTHEWS,
The Arizona Burn Center, Phoenix AZ / Department of Surgery, Valleywise Health Medical Center, USA

AO-95 The synthetic, resorbable, temporary, epidermal skin substitute Suprathel® for the treatment of burns, burn-like-syndromes and donor sites
Matthias RAPP
Clinic for Orthopedics, Trauma Surgery and Sports Traumatology - Burn Center, Marienhospital Stuttgart, GERMANY

AO-96 Identification of biologically relevant laminins to culture keratinocytes for potential treatment of burns
Alvin CHUA
Singapore General Hospital / Duke-NUS Medical School, SINGAPORE

AO-97 Clinical application of autologous dermal keratinocytes for chronic, diabetic, difficult-to-heal wounds
Niann-Tzyy DAI
Division of Plastic and Reconstructive Surgery, Department of Surgery, Tri-Service General Hospital, National Defense Medical Center, TAIWAN

AO-98 Evaluation of pre-vascularized 3D skin substitutes in full-thickness skin defects
Hiromi MIYAZAKI
Division of Traumatology, Research Institute, National Defense Medical College, JAPAN

Wound Management · Others

AO-99 Simple and effective technique for calculating burn wound surface area and its applications
Nishanth SADHANALA
Department of plastic surgery, KEM HOSPITAL, SETH G S MEDICAL COLLEGE, INDIA
AO-100 Vacuum sealing drainage with instillation in treatment of necrotizing soft-tissue infection: a retrospective analysis
Hongjie DUAN
Department of Burns and Plastic Surgery, the Fourth Medical Center of PLA General Hospital, CHINA

AO-101 Combination of 3 different NPWT application and free ALT flap for open elbow joint injury with extensive burn
Junya OSHIMA
Department of Plastic and Reconstructive Surgery, University of Tsukuba, JAPAN

AO-102 Tideglusib Promotes Wound Healing in Aged Skin by Up-regulating Epidermal Growth Factor Receptors
Jiachen SUN
The Fourth Medical Center of Chinese PLA General Hospital, CHINA

AO-103 NLRP3 Activation Induced by Neutrophil Extracellular Traps Sustains Inflammatory Response in the Diabetic Wound
Dan LIU
Burn Department, Ruijin Hospital, Shanghai Jiaotong University, CHINA

AO-104 The practice of negative pressure wound therapy with ostomy paste, as a skin graft bolster dressing.
Kazuki MATSUMURA
Department of Emergency and Critical Care Medicine, Keio University School of Medicine, JAPAN

AO-105 Experience with silver-containing dressings for burn wounds
Shimpei NARA
Plastic surgery, Towa Hospital, JAPAN

AO-106 A case of burn ulcer with bone exposure successfully treated using PELNAC Gplus® without invasive procedures
Yosuke OJIMA
Department of Plastic & Reconstructive Surgery, Tokyo Medical University Hospital, JAPAN

AO-107 Investigation and management of the heat-press injury to the hands
Norio FUKUDA
Plastic and Reconstructive Surgery, Yamagata University Hospital, JAPAN

AO-108 The treatment of toxic epidermal necrolysis (TEN) with Suprathel® - the Stuttgart treatment concept
Matthias RAPP
Clinic for Orthopedics, Trauma Surgery and Sports Traumatology - Burn Center, Marienhospital Stuttgart, GERMANY
AO-109  **Efficacy of acetic acid for wound management**  
Raghav MAGO  
Department of Plastic & Reconstructive Surgery, K.E.M Hospital, INDIA

AO-110  **EFFECT OF TOPICAL CORTICOSTEROID TIME OF APPLICATION ON FIBROBLAST AND TYPE III COLLAGEN EXPRESSION ON DEEP DERMAL BURN WOUND (BEST TIME TO START TOPICAL CORTICOSTEROID APPLICATION IN PREVENTING HYPERTROPHIC SCAR)**  
Loelita LUMINTANG  
Department of Surgery, Division of Plastic Reconstructive and Aesthetic Surgery, Faculty of Medicine, Udayana University, Sanglah General Hospital, Bali, INDONESIA