

## APBC Symposium 1

Live-streaming

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-Tzyy 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**

Live-streaming

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

Live-streaming

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

Live-streaming

Sunday, October **24**     **13 : 20 - 14 : 50**

### 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

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## 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- $\beta$  1/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 Padjajaran (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 ELCTRIC 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, clitical 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

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**Management of Burns in Developing Countries****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 &amp; 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

**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

**AO-62 Hypnotherapy for Procedural Pain, Itch and State Anxiety in Children with Acute Burns: A Feasibility and Acceptability Study Protocol**

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



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### 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

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### 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

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### Quality of Life

- AO-70** Withdrawal

- AO-71** Effectiveness of rehabilitation makeup therapy for burn-induced hypertrophic scars with an uneven surface

Rintaro ASAH

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 CO<sub>2</sub> 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<sup>®</sup> after release of post burn contractures: Our experience  
Vinita PURI  
Seth G S Medical College and KEM Hospital, INDIA

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## Registries

- AO-80** 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

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## Rehabilitation

- AO-81** Preliminary study on correlation between DASH Questionnaire initial score and time to functional independence in burn patients

Li CHANG

Sunshine Social Welfare Foundation, TAIWAN

- AO-82** Pressure therapy intervention for a case of burn hypertrophic scars on dorsal aspect of forefoot

Chen-Jui HSU

Sunshine Social Welfare Foundation, TAIWAN

- AO-83** 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

- AO-84** Design and Application of Comprehensive Evaluation APP of Burn Hand Function

Xiu-Hang ZHANG

The First Hospital of Jilin University, CHINA

- AO-85** 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

- AO-86** 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 (Suprathel®)  
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 & Crinical Core Medicine, Kindai University Faculty of Medicine, JAPAN

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## Tissue Engineering, skin substitute and Cell thera

- AO-93** Preventive Effect of The First Epidermal Growth Factor Motif of Coagulation Factor 9 on Keloid and Hypertrophic Scar  
Tsutomu 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

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## Wound Management

- 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<sup>®</sup> 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<sup>®</sup> - 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