

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 KIYOSUMI

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- β 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 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, 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 & 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 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

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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

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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 & Clinical Core Medicine, Kindai University Faculty of Medicine, JAPAN

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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

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 • 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

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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)

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