

**MEDICINE & SCIENCE** April 11-14, 2024



## ABSTRACTS

Schedule subject to change. Find the latest details, schedules, and disclosures on the mobile app or by visiting aslms.org/annual-conference

All times listed are Eastern Daylight Time (EDT).

THURSI	DAY, APRIL 11	
ABSTRA	CTS: LATE-BREAKING – AESTHETIC I (NON-CME)   7:00 AM - 7:45 AM   ROOM 321	
START	ABSTRACT TITLE	PRESENTING AUTHOR
7:01 AM	UTILIZATION OF CYCLE-CONSISTENT ADVERSARIAL NETWORKS FOR TRANSFORMATION AND ELIMINATION OF PORT-WINE BIRTHMARKS IN PHOTOGRAPHIC IMAGERY	Jan Szczekulski, BS
7:06 AM	IMPACT ON SKIN HEALTH METRICS FOLLOWING ENERGY-BASED DEVICE TREATMENT: A RETROSPECTIVE, LONGITUDINAL, SINGLE CENTER ANALYSIS	Julia Tomtschik, BS
7:11 AM	RETROSPECTIVE STUDY OF THE FACIAL REJUVENATION EFFECT USING 2.45 GHZ DIELECTRIC MICROWAVE ENERGY AFTER DELIVERING POLY-D,L-LACTIC ACID USING A NEEDLELESS DEVICE	Suk Bae Seo, MD
7:16 AM	SUCCESSFUL TREATMENT OF PERIORBITAL HYPERPIGMENTATION WITH A LOW-DOSE AND LARGE-SPOT Q-SWITCHED ND:YAG LASER	Jing Yang
7:21 AM	A SPLIT-FACE, SINGLE-BLINDED, RANDOMIZED CONTROLLED COMPARISON OF LOW-FLUENCE VS. HIGH-FLUENCE ALEXANDRITE 755-NM PICOSECOND LASER IN YHE TREATMENT OF NEVUS OF OTA	Zhen Zhang
7:26 AM	VACCUM-ASSISTED MICRONEEDLING FOR THE REJUVENATION OF PERIOCULAR SKIN AGING	Huiying Zheng
7:31 AM	EVALUATION OF A SINGLE TREATMENT OF MECHANICAL DERMAL MICRO-CORING FOR SKIN LAXITY, TEXTURE, AND WRINKLES OF THE NECK	Mary Beth Mudd, MD
7:36 AM	DERMAL MICRO-CORING DEVICE FOR THE TREATMENT OF MODERATE TO SEVERE PERIORAL AND MEDIAL CHEEK RHYTIDS	Nicole Salame, MD, FAAD
7:41 AM	Q&A	
ABSTRA	CTS: CLINICAL APPLICATIONS (NON-CME)   3:00 PM - 5:00 PM   HALL E	
START	ABSTRACT TITLE	PRESENTING AUTHOR
3:02 PM	NECK AND CHEST REJUVENATION WITH FRACTIONAL 1440 NM AND 1927 NM LOW-POWERED DIODE LASER	Pooja Rambhia, MD
8:07 PM	SAFETY AND EFFECTIVENESS OF DERMAL MICROCORING TREATMENT FOR THE TREATMENT OF LAXITY, RHYTIDES, AND SCARRING	David Hashemi, MD, MBA
3:12 PM	FACIAL RESURFACING WITH A NOVEL 2,910 NM ERBIUM-DOPED FLUORIDE GLASS FIBER LASER	Taryn N. Murray, MD
3:17 PM	FROM WEAKNESS TO WELLNESS: CORE STRENGTH IN MOMS AND SENIORS	David E. Kent, MD
3:22 PM	BEYOND AESTHETICS: MUSCLE STIMULATION FOR FUNCTIONAL ENHANCEMENT	David E. Kent, MD
3:27 PM	SAFETY AND EFFICIENCY OF SYNCHRONIZED RF AND FACIAL MUSCLE STIMULATION IN PATIENTS INJECTED WITH BOTULINUM TOXIN	Suneel Chilukuri, MD
3:32 PM	HOW TO GET A HOURGLASS FIGURE SILHOUETTE NONINVASIVELY?	Barry E. DiBernardo, MD
3:37 PM	THE EFFICACY AND SAFETY OF SYNCHRONIZED RADIOFREQUENCY COMBINED WITH HIGH-INTENSITY FOCUSED ELECTRIC STIMULATION IN FACIAL LIFTING IN ASIANS	Woraphong Manuskiatti, MD
3:42 PM	QUANTITATIVE ANALYSIS OF CORE MUSCLE STREGTHENING, BODY COMPOSITION CHANGES, AND METABOLISM AFTER HIGH-ENERGY INDUCTIVE THERAPY	Pei-han Liu
8:47 PM	JET-INJECTION ASSISTED PHOTODYNAMIC THERAPY FOR BASAL CELL CARCINOMA: A PILOT STUDY	Leore Lavin, MSc
8:52 PM	NON-ABLATIVE FRACTIONAL LASERS FOR LASER-ASSISTED DRUG DELIVERY	Omobola Onikoyi, DO, MSc
8:57 PM	Q&A	
4:01 PM	1550NM ER:GLASS FRACTIONAL LASER WITH NOVEL PULSING TECHNIQUE: A HISTOLOGICAL EVALUATION	Robert D. Murgia III, BA, MA, I
1:06 PM	NOVEL THERMOMECHANICAL FRACTIONAL INJURY DEVICE FOR FINE LINES ON THE NECK: EARLY DATA	Jordan V. Wang, MD, MBE, ME
1:11 PM	HIGH-INTENSITY FACIAL MUSCLE STIMULATION TECHNOLOGY IN COMBINATION WITH RF HEATING FOR FACIAL REJUVENATION AND VOLUMIZATION: A RETROSPECTIVE STUDY	Yael Halaas, MD
4:16 PM	SAFETY AND EFFICACY OF THE NOVEL SEQUENTIAL MONOPOLAR AND BIPOLAR PULSED RADIOFREQUENCY FOR FACIAL CONTOURING AND SKIN TIGHTENING	Kentaro Oku, MD
4:21 PM	PATIENT-REPORTED IMPROVEMENT OF MATURE STRIAE DISTENSAE WITH A COMBINATION TREATMENT OF FRACTIONAL RADIOFREQUENCY AND TRETINOIN CREAM 0.1% - A RANDOMIZED CONTROLLED TRIAL	Gabriela L. Grove, MD
:26 PM	TRANSFORMING SUBMENTAL CONTOURING: EVALUATING THE HYBRID SYNERGY OF ULTRASOUND AND RADIOFREQUENCY	Andrew Y. Wirya, MD

HURS	DAY, APRIL 11	
ABSTRA	CTS: CLINICAL APPLICATIONS (NON-CME)   3:00 PM - 5:00 PM   HALL E	
START	ABSTRACT TITLE	PRESENTING AUTHOR
:31 PM	THE EFFECT OF TOPICAL ANESTHETICS AND COLD PACKS ON PAIN REDUCTION AND OUTCOME IN THE TREATMENT OF PERIORBITAL RHYTIDES USING THERMOMECHANICAL FRACTIONAL INJURY THERAPY	Jerome M. Garden, MD
:36 PM	Break	
41 PM	MICROCORE SKIN BIOPSIES: A NOVEL, MINIMALLY-INVASIVE SKIN BIOPSY TECHNIQUE YIELDING FULL-THICKNESS HISTOLOGY	Rebecca Lapides, BS
46 PM	THE FIRST FDA CLEARED IMAGING MODALITY COMBINING MULTIPHOTON AND REFLECTANCE CONFOCAL LASER SCANNING MICROSCOPY	Katherine Given, MD, PhD, MBA
51 PM	HAIR REMOVAL LASERS IN SKIN OF COLOUR-2024	Mukta Sachdev, MD, DDS
56 PM	Q&A	
RIDAY	, APRIL 12	
BSTRA	CTS: BASIC SCIENCE AND TRANSLATIONAL RESEARCH (NON-CME)   1:30 PM - 3:00 PM   ROOM 325	
ART	ABSTRACT TITLE	PRESENTING AUTHOR
	PHOTOBIOMODULATION ENHANCES MUSCLE PERFORMANCE IN MICE	Nashwa Cheema, PhD
37 PM	COMBATING DRUG-RESISTANT HELICOBACTER PYLORI INFECTION WITH ZINC PEROXIDE-BASED NANOPARTICLES: A ROS RESERVOIR VIA PHOTOCHEMICAL REACTION	Ka loi Wong, PhD
42 PM	UTILIZING LED RED LIGHT IN CONJUNCTION WITH NADH-LOADED MESOPOROUS SILICA NANOPARTICLES FOR THE TREATMENT OF DIABETIC WOUNDS: A DUAL APPROACH TO CONTROL INFLAMMATION AND STIMULATE ANGIOGENESIS	Ming Li, MD
47 PM	OPTICAL COHERENCE TOMOGRAPHY-MEASURED EPIDERMAL THICKNESS IN HEALTHY FACIAL SKIN	Feben Messele, BS
52 PM	NEW POTENTIALS FOR SKIN CANCER TREATMENT WITH LASER-BASED MASS SPECTROMETRY IMAGING AND MACHINE LEARNING	Lauritz F. Brorsen, MSc
57 PM	COMBINING LASER AND DRUGS TO IMPROVING THE MANAGEMENT OF LARGE AND GIANT CONGENITAL MELANOCYTIC NEVI	Hao Zhang, MD
)2 PM	EVALUATION OF THERMODYNAMIC BIOEFFECTS OF ULTRALONG-PULSED 1064 NM ND:YAG LASER IN THE PHOTOTHERMAL LIPOLYSIS	Shan Wu, PhD, MD
16 PM	FOLLOW-UP VISUALIZATION OF IN VIVO TATTOO PARTICLES AFTER NANOSECOND LASER COMPARED TO PICOSECOND LASER TREATMENT USING MULTIPHOTON TOMOGRAPHY	Lynhda Nguyen, MD
21 PM	PALLIATIVE X-RAY RADIOTHERAPY IMPROVES LIGHT TRANSMISSION IN INTERSTITIAL PHOTODYNAMIC THERAPY	Chris Lawson, AS, BS
26 PM	EXPLORING THE EFFICACY AND CLINICIAN EXPERIENCE WITH A 650-MICROSECOND 1064NM ND:YAG LASER IN ACNE MANAGEMENT ACROSS DIVERSE SEVERITIES AND DEMOGRAPHICS: A COMPREHENSIVE DERMATOLOGIST INSIGHT	Christine C. Dierickx, MD
31 PM	IMAGING-BASED CHARACTERIZATION OF 1,927 NM FRACTIONAL THULIUM FIBER LASER-TISSUE INTERACTIONS OVER TIME	Emily Wenande, MD, PhD
36 PM	TRANSCRIPTOMICS ANALYSIS OF ABLATIVE FRACTIONAL LASER EFFECTS ON SKIN CONTAINING EARLY-STAGE BASAL CELL CARCINOMAS	Uffe H. Olesen, MSc PhD
41 PM	Q&A	
BSTRA	CTS: CLINICAL APPLICATIONS (NON-CME)   1:30 PM - 3:00 PM   HALL E	
ART	ABSTRACT TITLE	PRESENTING AUTHOR
32 PM	PICOSECOND 532NM OPTIMAL FOR ACQUIRED AGMINATED NEVI; CASE REPORT AND REVIEW	Briana Halle, MD
37 PM	A CORE OUTCOME SET FOR POST-INFLAMMATORY HYPERPIGMENTATION TRIALS	Areeba Ahmed
42 PM	EFFICACY OF LONG PULSE NEODYMIUM DOPED YTTRIUM ALUMINUM GARNET LASER FOR KAPOSI SARCOMA A DERMATOSCOPIC STUDY	Banu Farabi, MD
47 PM	COMBINATION TOPICAL CYSTEAMINE AND FRACTIONAL 1927NM LOW-POWERED DIODE LASER	Pooja Rambhia, MD
52 PM	LASER REMOVAL OF MICROBLADED EYEBROWS	Anne Marie McNeill, MD, PhD
57 PM	A PROSPECTIVE, SINGLE-CENTER, DOUBLE-BLINDED, RANDOMIZED, SPLIT-FACE STUDY EVALUATING 1064NM VERSUS 755NM PICOSECOND LASERS WITH DIFFRACTIVE LENS ARRAY FOR IMPROVEMENT OF SKIN QUALITY	Jameson T. Loyal, MD
02 PM	SAFETY AND EFFICACY OF COMBINATION RADIOFREQUENCY MICRONEEDLING AND 755NM PICOSECOND LASER WITH DIFFRACTIVE LENS ARRAY FOR FACIAL REJUVENATION	Joy Tao, MD
07 PM	A PROSPECTIVE, SPLIT-FACE, RANDOMIZED STUDY COMPARING A 532-NM PICOSECOND LASER WITH AND WITHOUT MICROLENS ARRAY IN THE TREATMENT OF SOLAR LENTIGINES IN SUBJECTS WITH FITZPATRICK SKIN TYPES III TO V	Woraphong Manuskiatti, MD
16 PM	COMPARISON OF TREATMENT EFFICACY FOR CAFÉ-AU-LAIT SPOTS, BECKER'S NEVUS, AND ECTOPIC MONGOLIAN SPOTS BASED ON VARIATIONS IN PULSE DURATION OF PICO-SECOND ND: YAG LASER	Hinako Saito, MD
21 DM	Break	

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FRIDAY	, APRIL 12	
ABSTRA	CTS: CLINICAL APPLICATIONS (NON-CME)   1:30 PM - 3:00 PM   HALL E	
START	ABSTRACT TITLE	PRESENTING AUTHOR
	ONCE WEEKLY PULSED DYE LASER TREATMENTS FOR PORT-WINE BIRTHMARKS IN EARLY INFANCY	Joy Tao, MD
	LASERS IN CONJUNCTION WITH TOPICAL THERAPIES FOR THE TREATMENT OF ROSACEA: A SYSTEMATIC REVIEW	Margaret Chou, MD
2:41 PM	SUCCESSFUL TREATMENT OF MORBIHAN DISEASE WITH INTENSE PULSED LIGHT	Nicole Salame, MD, FAAD
	A RANDOMIZED, SPLIT-FACE STUDY COMPARING THE INCIDENCE OF POSTINFLAMMATORY HYPERPIGMENTATION	
2:46 PM	FOLLOWING A 532-NM PICOSECOND LASER: BROAD-SPECTRUM VS. BROAD-SPECTRUM WITH IRON OXIDE SUNSCREENS FULL ABLATIVE VERSUS FRACTIONAL ABLATIVE ER:YAG LASER DURING EPIDERMAL CELLULAR GRAFTING SURGERY IN VITILIGO:	Ya-Nin Nokdhes, MD
2:51 PM 2:56 PM	A RANDOMIZED CONTROLLED COMPARATIVE STUDY	Maggi Ahmed, MD, PhD
ABSTRA	CTS: BASIC SCIENCE AND TRANSLATIONAL RESEARCH (NON-CME)   3:30 PM - 5:00 PM   ROOM 325	
START	ABSTRACT TITLE	PRESENTING AUTHOR
3:32 PM	MOUSE MODEL WITH VARIABLE PIGMENTATION FOR DETERMINING MAXIMUM SAFE LIGHT DOSAGE FOR DIFFERENT SKIN TYPES	Wangcun Jia, PhD
3:37 PM	EFFECTS OF BLOOD TYPE ON THE CIRCULATION DYNAMICS OF MICRO-SIZED ERYTHROCYTE-DERIVED OPTICAL PARTICLES IN MICE	Grant Swajian, MS
8:42 PM	A 3D COMPUTATIONAL MODEL OF SKIN, FAT, AND MUSCLE FOR STUDYING LARGE DEFORMATIONS DURING EXTERNAL LOADING	Edidiong Etim, BS
8:47 PM	ANTIMICROBIAL BLUE LIGHT-EMITTING OPTICAL TYMPANOSTOMY TUBE: AN INNOVATIVE APPROACH TO PREVENT TYMPANOSTOMY TUBE OTORRHEA	Carolina dos Anjos, PhD, DVM
8:52 PM	EXPLORING THE POTENTIAL OF 405-NM ANTIMICROBIAL BLUE LIGHT FOR INACTIVATION OF ORGANISMS IMPLICATED IN THE PATHOGENESIS OF BACTERIAL VAGINOSIS	Cemre Turk, MD
:57 PM	PULSE MODULATION EFFECTS USING DIODE-PUMPED LASERS FOR LITHOTRIPSY	Nitesh Katta, PhD, MSc, BTech, MTech
:02 PM		
:06 PM	APPLICATION OF 5-AMINOLEVULINIC ACID AND ROPIVACAINE HYDROCHLORIDE COLOADED HYALURONIC ACID MICRONEEDLES TO RELIEVE PAIN IN PHOTODYNAMIC THERAPY OF SUPERFICIAL SKIN TUMORS	Haoran Wei, MM
11 PM	NOVEL 40 µM SPOT SIZE FIBER LASER VERSUS CO2 LASER FOR LASER-ASSISTED DRUG DELIVERY	Parita T.Suwan, MD
4:16 PM	LASER-INDUCED OPTICAL BREAKDOWN (LIOB) EFFECTS OF DIFFRACTIVE OPTICAL ELEMENTS ON NOVEL MELANOCYTES-CONTAINING 3D SKIN MODELS AFTER 1064 NM PICOSECOND LASER IRRADIATION	Sebastian Huth
·21 DM	A NOVEL NON-INVASIVE METHOD FOR DETERMINING THE CONTRACTION BORDER IN SKIN WITH FOCAL DERMAL COAGULATION	Ga Ram Ahn, MD, PhD
EZO PIVI	AUTOLOGOUS INJECTABLE DERMIS FOR TISSUE AUGMENTATION A RANDOMIZED, COMPARATIVE STUDY DESCRIBING THE GENE SIGNATURES OF POLY-L-LACTIC ACID AND CALCIUM	Ying Wang, MD PhD
4:31 PM	HYDROXYLAPAPTITE IN THE TREATMENT OF NASOLABIAL FOLDS	Jill S. Waibel, MD
1:36 PM	AN EXPERIMENTAL STUDY ON HUMAN UMBILICAL CORD MESENCHYMAL STEM/STROMAL CELL-DERIVED EXOSOMES EFFECTS IN UV-INDUCED PHOTOAGED HUMAN-DERIVED FIBROBLASTS	Natsinee Tangkijngamvong, MD
1:41 PM	EFFECTIVENESS OF DERMAL MICRO-CORING TECHNOLOGY FOR MINIMALLY-INVASIVE SKIN TIGHTENING: INTERIM RESULTS AND GENE EXPRESSION ANALYSIS	Jill S. Waibel, MD
4:46 PM	Q&A	
ABSTRA	CTS: CLINICAL APPLICATIONS (NON-CME)   3:30 PM - 5:00 PM   HALL E	
START	ABSTRACT TITLE	PRESENTING AUTHOR
8:32 PM	PATIENT REPORTED PSYCHOLOGICAL IMPACT OF COSMETIC PROCEDURE COMPLICATIONS	Taryn N. Murray, MD
8:37 PM	REPORT OF LASER AND ENERGY DEVICE TREATMENT ADVERSE EVENTS FROM THE CUTANEOUS PROCEDURES ADVERSE EVENTS REPORTING (CAPER) REGISTRY, 2021-2023	Eric Koza, BS
8:42 PM	TWENTY-TWO MONTH SAFETY EVALUATION OF LASER TATTOO REMOVAL: FINDINGS FROM NEARLY A HALF MILLION TREATMENTS	Joshua E. Weitz, MD
8:47 PM	FITZPATRICK SKIN TYPE AFFECTS AESTHETIC OUTCOMES IN CO2 LASER RESURFACING ON HYPERTROPHIC BURN SCARS	Davon Lee, BSN
8:52 PM	IMPACT OF PENTOXIFYLLINE ON EFFICACY, SAFETY, TOLERABILITY, AND TREATMENT SATISFACTION OF FRACTIONAL CARBON DIOXIDE LASER IN PATIENTS WITH BURN SCARS: A BLINDED RANDOMIZED CONTROLLED TRIAL	Arash Pour Mohammad, MD
8:57 PM	IMPROVEMENT IN PATIENT-REPORTED ITCH OUTCOMES IN FEMALE PATIENTS VS MALE PATIENTS IN LASER TREATMENT OF HYPERTROPHIC BURN SCARS	Jennifer Huang, BS
4:02 PM	EXPLORING THE EFFECT OF INTERVAL TIME BETWEEN FRACTIONAL ABLATIVE LASER TREATMENTS ON PATIENT-REPORTED LEVELS OF PAIN AND ITCH IN HYPERTROPHIC SCAR	Joshua Carreras, BA
:07 PM	PARALLEL ULTRASOUND BEAMS VERSUS MICROFOCUSED ULTRASOUND FOR THE TREATMENT OF UPPER INNER ARM SKIN LAXITY	Kavita Darji, MD
1:16 PM	EFFICACY AND SAFETY OF USING FRACTIONAL 1064-NM PICOSECOND LASER FOR PROPHYLAXIS OF MAMMOPLASTY SCAR IN ASIANS: A PROSPECTIVE RANDOMIZED COMPARATIVE STUDY	Panwadee Thongjaroensirikul, MD
1:21 PM	EFFICACY OF EARLY PULSED DYE LASER INTERVENTION FOR IMPROVING TRAUMATIC OR POST-OPERATIVE SCARS IN ASIAN PATIENTS	Chang Cheng Chang, MD, PhD
1:26 PM	AGE AS A DETERMINANT: INVESTIGATING THE EFFICACY VARIATIONS OF LASER TREATMENT FOR SCAR THERAPY ACROSS DIFFERENT AGE COHORTS	Lauren Ching, BS
	SAFETY AND EFFICACY OF SKIN QUALITY IMPROVEMENT UTILIZING SYNCHRONOUS ULTRASOUND PARALLEL BEAM IN ASIAN SKIN ANALYZING COSMETIC TRENDS IN MEN: INSIGHTS FROM A SINGLE-CENTER DATA STUDY	Kentaro Oku, MD Ahdarsh Vallabhaneni, MD
4:41 PM	OBJECTIVE STRUCTURED ASSESSMENT OF TECHNICAL SKILLS (OSATS) FOR VASCULAR, ABLATIVE, AND FRACTIONAL NON-ABLATIVE LASER PROCEDURES	Melissa Ma, BS
4:46 PM	DESCRIPTIVE ANALYSIS OF STATE AND FEDERAL MALPRACTICE LITIGATION OF MEDICAL LIABILITY CLAIMS FOR CUTANEOUS ENERGY-BASED DEVICE PROCEDURES, 1985 - 2023	Scott Stratman, MD, MPH
4:51 PM	PILOT EVALUTION OF A DUAL WAVELENGTH LASER MODALITY USING 1319NM + 589NM FO SKIN REJUVENATION (REDNESS, TEXTURE AND PORE SIZE)	Michael H. Gold, MD, FAAD

SATUR	DAY, APRIL 13	
ABSTRA	CTS: BASIC SCIENCE AND TRANSLATIONAL RESEARCH (NON-CME)   1:30 PM - 3:00 PM   ROOM 325	
START	ABSTRACT TITLE	PRESENTING AUTHOR
:32 PM	OPTIMIZING WOUND HEALING PROTOCOLS USING THE EINSTEIN DOSIMETRY FOR PHOTOBIOMODULATION THERAPY	Dipti Kalshetti
:37 PM	CHARACTERISTICS OF BASAL CELL CARCINOMA SUBTYPES: LONG PULSED 1064 NM ND:YAG TREATMENT WITH OPTICAL COHERENCE TOMOGRAPHY GUIDANCE	Feben Messele, BS
	HISTOLOGICAL EVALUATION OF A MULTI DEPTH FOCUS HANDPIECE FOR A 532/1064NM Q-SWITCHED ND:YAG LASER	Omar A. Ibrahimi, MD, PhD
	Break	Lundada Marusan MD
52 PIVI	IN VIVO MONITORING OF LASER-ASSISTED HYALURONIC ACID DELIVERY IN HUMAN SKIN	Lynhda Nguyen, MD
57 PM	IMAGING AND DEPTH CLASSIFICATION OF SKIN MICROVASCULATURE WITH SINGLE-EXPOSURE-TIME LASER SPECKLE IMAGING AS A TOOL TO IMPROVE ACCESS TO SKIN CANCER CARE	Giulia Mansutti, PhD
02 PM	BLOOD FLOW MODULATION IN SKIN BY PNEUMATIC CONTROL	Junsoo Lee, MS
07 PM	IMAGE-GUIDED INTRAVASCULAR LITHOTRIPSY FOR IMPROVING CORONARY ARTERY COMPLIANCE	Nitesh Katta, PhD, MSc, BTech, MTech
12 PM	Q&A	
16 PM	COMPARISON OF THERMAL EFFECTS OF MONOPOLAR AND BIPOLAR RADIOFREQUENCY MICRONEEDLING IN PORCINE MODEL: A HISTOLOGICAL STUDY	Yidan Xu, MM
21 PM	CUTANEOUS IMMUNE RESPONSES TO DERMATOLOGICAL PROCEDURES WITH ABLATIVE FRACTIONAL LASER, HEAT- AND COLD-BASED DEVICES	Uffe H. Olesen, MSc PhD
26 PM	ACTIVATED MELANOCYTE AND SENESCENT COLLAGEN FIBERS AS PREDICTORS OF THE PROGNOSIS OF MELASMA POST PICOSECOND LASER TREATMENT	Chang Cheng Chang, MD, PhD
31 PM	REMOTE PHOTOBIOMODULATION ALLEVIATES REPETITIVE CLOSED HEAD INJURY-INDUCED BEHAVIORAL DEFICITS AND NEURONAL DAMAGE	Meng Li
36 PM	INJECTABLE COOLANT UNLOCKS THE BLOOD-NERVE BARRIER TO FACILITATE DRUG DELIVERY INTO THE PERIPHERAL NERVOUS SYSTEM	Ying Wang, MD PhD
41 PM	Q&A	
BS <u>TRA</u>	CTS: CLINICAL APPLICATIONS (NON-CME)   1:30 PM - 3:00 PM   HALL E	
ART	ABSTRACT TITLE	PRESENTING AUTHOR
	TREATMENT OF MILD TO SEVERE ACNE VULGARIS WITH A 650-MICROSECOND 1064-NM ND:YAG LASER	Nazanin Saedi, MD
	595 NM PULSED DYE LASER TREATMENT OF INFLAMMATORY ACNE VULGARIS IN ADULT FEMALES: A REAL-WORLD STUDY	Arielle N.B. Kauvar, MD
2 PM	LONG-TERM EFFICACY AND SAFETY OF NONABLATIVE MONOPOLAR RADIOFREQUENCY IN THE TREATMENT OF MODERATE TO SEVERE ACNE VULGARIS	Woraphong Manuskiatti, MD
17 PM	ACNE AND LASERS: COMPARISON OF FDA-CLEARED DEVICES FOR IN-OFFICE ACNE TREATMENT	Sara Osborne, BS
52 PM	NOVEL TREATMENT OF VULVAR ACNE KELOIDALIS WITH 755-NM ALEXANDRITE LASER	Victoria S. Humphrey, MD
57 PM	EFFICACY OF LASER HAIR REMOVAL IN HIDRADENITIS SUPPURATIVA: A SYSTEMATIC REVIEW	William Shipman, MD, PhD
)2 PM	SYNCHRONOUS ULTRASOUND PARALLEL BEAM TECHNOLOGY IMPROVES THE APPEARANCE OF ACNE SCARS	Arielle N.B. Kauvar, MD
)7 PM	LINE-FIELD CONFOCAL OPTICAL COHERENCE TOMOGRAPHY FOR VISUALIZING ECCRINE SWEAT DUCT MORPHOLOGY AFTER	Kevin Jacobson MD
	MICROWAVE THERMOLYSIS AND BOTULINUM TOXIN: A RANDOMIZED CONTROLLED TRIAL OF AXILLARY HYPERHIDROSIS	Kevin Jacobsen, MD
	PICOSECOND ALEXANDRITE LASER FOR TREATING ACNE SCARS ON DARKER SKIN	Paul W. Wallace, MD, MPA
	TREATING ACNE SCARS IN FITZPATRICK SKIN TYPES V AND VI USING 755NM PICOSECOND LASER WITH DIFFRACTIVE	
21 PM	LENS ARRAY	Jordan V. Wang, MD, MBE, MBA
26 PM	EFFICACY AND SAFETY OF A 650 MICROSECOND PULSED 1064NM ND:YAG LASER TO TREAT PRIMARY AXILLARY HYPERHIDROSIS	6 Khalil A. Khatri, MD
1 PM	HYPERHIDROSIS TREATMENT USING A NOVEL 3-IN-1 DEPTH BIPOLAR FRACTIONAL RADIOFREQUENCY MICRONEEDLING DEVICE	Pooja Rambhia, MD
6 PM	LIGHT/LASER DETECTION AND RANGING (LIDAR) IN DERMATOLOGIC SURGERY: A PILOT INTO NEW DIMENSIONS IN PROCEDURAL CARE	Justin Marson, MD
11 PM	HIGH FREQUENCY ULTRASOUND AS A POTENTIAL EVALUATION, DIAGNOSTIC, AND LASER TREATMENT PLANNING TOOL FOR SCARS	Julian Henke, BS
l6 PM	EARLY LESSONS ON THE POTENTIAL CLINICAL UTILITY OF MACHINE LEARNING TOOLS FOR BASAL CELL CARCINOMA EVALUATION USING OPTICAL COHERENCE TOMOGRAPHY	Jon Holmes, PhD
	RESULTS OF A PROSPECTIVE, DIRECT COMPARISON OF NON-INVASIVE TREATMENTS OF CUTANEOUS NEUROFIBROMAS (CNF)	Patricia M. Richey, MD
56 PM	Q&A	
	CTS: CLINICAL APPLICATIONS (NON-CME)   3:30 PM - 5:00 PM   HALL E	
ART	ABSTRACT TITLE SAFETY AND EFFICACY OF PHOTODYNAMIC THERAPY WITH AMINOLEVULINIC ACID 10% GEL/RED LIGHT VS. AMINOLEVULINIC	PRESENTING AUTHOR Misha Zarbafian,
32 PM	ACID 20% SOLUTION/BLUE LIGHT FOR TREATMENT OF ACTINIC KERATOSES ON THE UPPER EXTREMITIES	MD, FRCPC, DABD
	CARBON DIOXIDE LASER TREATMENT FOR DARIER DISEASE ER,CR:YSGG LASER-ASSISTED REMOVAL OF DENTAL CROWNS AND VENEERS: A COMPREHENSIVE STUDY	Hasina Maredia, MD Alina Sivriver, MS
42 PM	ER, CR. YSGG LASER-ASSISTED REMOVAL OF DENTAL CROWNS AND VENEERS: A COMPREHENSIVE STUDY USING CLINICAL ENDPOINTS AND INDICATORS TO OPTIMIZE THE NOVEL MICROCORING TECHNOLOGY: SIGHT, SOUND, AND TOUCH	Rishi Chopra, MD, MS, FAAD
52 PM		Morgan B. Murphrey, MD
57 PM	ENHANCING THE QUALITY OF LIFE IN ELDERLY MEN WITH POST-PROSTATECTOMY INCONTINENCE THROUGH MAGNETIC STIMULATION THERAPY	Bruce E. Katz, MD
02 PM	LASERS FOR THE TREATMENT OF NAIL PSORIASIS: AN UP-TO-DATE REVIEW	Dana Jaalouk
	ASSESSING THE USE OF LASER IN TREATING VULVAR LICHEN SCLEROSUS, A NARRATIVE REVIEW	Maria Etcheverry, BS
	Q&A	· · ·

## SATURDAY, APRIL 13 ABSTRACTS: CLINICAL APPLICATIONS (NON-CME) | 3:30 PM - 5:00 PM | HALL E START ABSTRACT TITLE 4:16 PM TREATMENT OF IATROGENIC CUTANEOUS SIDEROSIS WITH ENERGY-BASED DEVICES Ajay Sharma, MD, MBA 4:21 PM BROADENING THE SCOPE OF CO2 LASER THERAPY: A SCLERODERMA-RELATED LYMPHEDEMA CASE STUDY Helana Ghali, BS VASCULAR FEATURE IDENTIFICATION IN ACTINIC KERATOSIS GRADES I-III USING DYNAMIC OPTICAL COHERENCE TOMOGRAPHY 4:26 PM VASCULAR FEATURE IDENTITION OF THE ANALYSIS Gabriella Fredman, MD, PhD 4:31 PM DERMATOLOGY RESIDENCY DIRECTORS ON ACGME PROGRAM REQUIREMENTS IN LASER, TOXIN, AND FILLER PROCEDURES Victoria Shi, BA RESIDENT-REPORTED OUTCOMES: EXAMINING EDUCATION AND TRAINING ON GENDER-AFFIRMING PROCEDURES IN 4:36 PM Payvand Kamrani, DO DERMATOLOGY RESIDENCY A SINGLE CENTER, EVALUATOR-BLINDED, SPLIT-BODY, RANDOMIZED PILOT STUDY OF INTENSE PULSED LIGHT ACTIVATION OF 4:41 PM SILVER NANOPARTICLES VS. INTENSE PULSED LIGHT ALONE FOR THE TREATMENT OF KERATOSIS PILARIS Lisa Ishii, MD 4:46 PM A CORE OUTCOME SET FOR ACNE SCARRING: A SYSTEMATIC REVIEW Misha Haq, BS 4:51 PM NEEDS ASSESSMENT AND PRIORITIZATION OF CLINICAL PRACTICE GUIDELINES FOR LASER AND ENERGY-BASED DEVICES Melissa Ma, BS

## SUNDAY, APRIL 14

	CTS: LATE-BREAKING – AESTHETIC II (NON-CME)   7:00 AM - 7:45 AM   ROOM 319	
START	ABSTRACT TITLE	PRESENTING AUTHOR
7:01 AM	EFFECTIVENESS OF ACOUSTIC SUBCISION TREATMENT DELIVERED VIA RAPID ACOUSTIC PULSE TECHNOLOGY FOR IMPROVEMENT OF SKIN LAXITY APPEARANCE:RESULTS FROM A RETROSPECTIVE, INDEPENDENT BLINDED PHOTO ASSESSMENT	Elizabeth L. Tanzi, MD, FAAD
7:06 AM	COMPARATIVE CLINICAL STUDY ON THE SKIN TIGHTENING EFFICACY OF HIGH INTENSITY FOCUSED ULTRASOUND ALONE OR IN COMBINATION WITH MONOPOLAR RADIOFREQUENCY TREATMENT	Eunsoo Park, MD
7:11 AM	SAFETY AND EFFICACY OF SYNCHRONOUS ULTRASOUND PARALLEL BEAM TECHNOLOGY TO LIFT THE UPPER LIP AND IMPROVE PERIORAL RHYTIDS	Kavita Darji, MD
7:16 AM	CONTRACTION AND RELAXATION-NON-SURGICAL FACE LIFTING BY COMBINING HIFES (HIGH INTENSITY FACIAL MUSCLE STIMULATION) AND INJECTION OF BOTULINUM NEUROTOXIN ON PLATYSMA MUSCLE	Victoria G. Belo, MD
7:21 AM	HISTOLOGICAL ASSESSMENT OF THE EFFECTIVENESS OF MICRONEEDLING DEVICE-ASSISTED FILLER DELIVERY	Nelson Ugwu, MD
7:26 AM	IN VIVO IMAGING TECHNIQUES OF HUMAN SCALP HAIR	Luke Horton, MD
7:31 AM	Q&A	
BSTRA	CTS: CLINICAL APPLICATIONS (NON-CME)   8:00 AM - 10:30 AM   ROOM 316	
TART	ABSTRACT TITLE	PRESENTING AUTHOR
3:02 AM	IMPROVING SKIN TONE AND TEXTURE FOR ALL FITZPATRICK SKIN TYPES USING 3-IN-1 DEPTH BIPOLAR FRACTIONAL RADIOFREQUENCY MICRONEEDLING	Judith Borger, DO FACEP
3:07 AM	COMBINED 3-IN-1 DEPTH BIPOLAR FRACTIONAL RADIOFREQUENCY MICRONEEDLING AND SUBLATIVE RADIOFREQUENCY TREATMENT FOR IMPROVEMENT IN PHOTOAGED FACIAL SKIN AND SKIN LAXITY	Scott Gerrish, DO
3:12 AM	RADIOFREQUENCY MICRONEEDLING DEVICE WITH A NOVEL 25-NEEDLE TIP DESIGNED FOR ENHANCED DELIVERY FOR SKIN TREATMENT	Robert D. Murgia III, BA, MA, DO
:17 AM	HISTOLOGIC AND CLINICAL EVALUATION OF HIGH INTENSITY FOCUSED ELECTRICAL STIMULATION (HIFES) AND SYNCHRONIZED RADIOFREQUENCY (RF) ON SUBMENTAL SUBCUTANEOUS ADIPOSE TISSUE	David J. Goldberg, MD, JD
8:22 AM	A SINGLE-CENTER, RANDOMIZED, SINGLE-BLINDED CLINICAL TRIAL EVALUATING THE EFFICACY AND SAFETY OF CRYOLIPOLYSIS AND MAGNETIC MUSCLE STIMULATION IN OPTIMIZING THE INFRAGLUTEAL FOLD	Kavita Darji, MD
:27 AM	NOVEL DERMAL MICROCORING DEVICE FOR SKIN LAXITY ON THE SUBMENTUM AND NECK: EARLY DATA	Roy G. Geronemus, MD
:32 AM	HIGH-VELOCITY NEEDLE-LESS ELECTRONIC PNEUMATIC INTRADERMAL INJECTION OF HYALURONIC ACID FOR TREATMENT OF SCARRING AND NECK REJUVENATION	Claire M. Noell, MD
:37 AM	EVALUATION OF THE ULTRACLEAR LASER WORKSTATION FOR THE TREATMENT OF FACIAL AND NECK REJUVENATION AND SKIN RESURFACING AUGMENTED WITH MESENCHYMAL STEM CELL EXTRACT	Jameson T. Loyal, MD
:42 AM	MICRONEEDLE-ASSISTED DRUG DELIVERY: A HISTOLOGICAL STUDY OF A NOVEL PNEUMATIC-MECHANICAL TOPICAL DELIVERY SYSTEM	Douglas Wu, MD, PhD
:47 AM	TREATMENT OUTCOMES OF STAND-ALONE AND ADJUNCT LASER THERAPY IN PATIENTS WITH MELANOMA: A LITERATURE REVIEW	Yanci Algarin, BS
:52 AM	LASER HAIR REMOVAL THERAPY FOR THE TREATMENT OF INTRAORAL HAIR GROWTH A SCOPING REVIEW PROTOCOL	Abigail Katz, BA
:57 AM	TRANSEPIDERMAL WATER LOSS AS A PROGNOSTIC INDICATOR OF SKIN BARRIER FUNCTION FOLLOWING ENERGY-BASED LASER RESURFACING AND MICRONEEDLING PROCEDURES: A RETROSPECTIVE STUDY	Rachel Ziebart, BSN, RN
:02 AM		
):07 AM	SUCCESSFUL TREATMENT OF NON-MELANOMA SKIN CANCER ASSOCIATED GENODERMATOSES BY MODIFIED ALA-PDT: A CASE SERIES	Guolong Zhang
9:12 AM		
9:16 AM	TREATMENT OF HEMOSIDERIN STAINING WITH 785-NM PICOSECOND TITANIUM SAPPHIRE LASER IN COMBINATION WITH NON-ABLATIVE 1550-NM FRACTIONAL RESURFACING	Ritu Swali, MD
:21 AM	EFFICACY OF 785-NM PICOSECOND TITATNIUM SAPPHIRE LASER FOR TREATMENT OF BROWN NEVUS OF OTA LESIONS IN FST II-V: A RETROSPECTIVE ANALYSIS	Blanca Estupinan, MD
26 AM	REVOLUTIONISING SCAR MANAGEMENT: THE 675NM LASER FOR KELOIDAL SCAR MANAGEMENT	David Pudukadan, MD, FRCP
):31 AM	A SINGLE CENTER, EVALUATOR-BLINDED, SPLIT-FACE, RANDOMIZED CLINICAL TRIAL OF COMBINATION TREATMENT WITH FRACTIONAL PICOSECOND 755NM ALEXANDRITE LASER AND RADIOFREQUENCY MICRONEEDLING FOR ACNE SCARS	Jameson T. Loyal, MD
9:36 AM	SAFETY AND EFFICACY OF COMBINATION RADIOFREQUENCY MICRONEEDLING AND 1550-NM NONABLATIVE FRACTIONAL RESURFACING FOR ACNE SCARRING	David Hashemi, MD, MBA

BSTRAC	TS: CLINICAL APPLICATIONS (NON-CME)   8:00 AM - 10:30 AM   ROOM 316	
TART	ABSTRACT TITLE	PRESENTING AUTHOR
):41 AM	SOLUTION FOR THE TOUGHEST ACNE SCAR: NASAL ICE PICK SCAR	Stephen A. Wirya, MD
9:46 AM	ADJUVANT PULSED DYE LASER THERAPY FOR POST-AURICULAR KELOID EXCISION	Khor Shih Chieh
:51 AM	SKIN OF COLOR REPRESENTATION IN THERAPEUTIC AND COSMETIC LASER TREATMENT STUDIES: A SYSTEMATIC REVIEW	Lauren Ching, BS
:56 AM	EFFECTIVENESS OF COMBINATION LASER TREATMENT ON ANTI-AGING IN SKIN OF COLOR WITH A 650-MICROSECOND 1064NM ND:YAG AND 300-MICROSECOND 2940NM ER:YAG IN A SINGLE SESSION	Chesahna Kindred, MD, FAAD
0:01 AM	ADJUSTABLE FLUENCE ALEXANDRITE PICOSECOND LASER FOR SKIN CONDITIONS ACROSS VARIETY OF ETHNICITIES AND SKIN TYPES	Sean T. Doherty, MD, FACS
0:06 AM	TREATMENT WITH NOVEL DUAL-APPLICATOR CRYOLIPOLYSIS SYSTEM YIELDS SIGNIFICANT REDUCTION IN FAT LAYER THICKNESS: RESULTS FROM A MULTICENTER, PROSPECTIVE STUDY	Amir Moradi, MD, MBA
0:11 AM	VISCERAL FAT LIPOLYSIS USING HIGH-DOSE MULTICHANNEL NON-ABLATIVE ENERGY-BASED DEVICE: ANTHROPOMETRIC, BIOCHEMICAL AND IMAGING MRI STUDY.	Jesús Rodriguez Lastra, MD
0:16 AM	TREATMENT OF FACIAL WRINKLES WITH A 1550NM ER:GLASS FRACTIONAL LASER USING A NOVEL SAPPHIRE COOLED WINDOW AND INTELLIGENT SCANNING PATTERN	Amy Forman Taub, MD
0:21 AM	Q&A	
BSTRAC	TS: LATE-BREAKING - MEDICAL INDICATIONS (NON-CME)   8:00 AM - 10:30 AM   ROOM 319	
TART	ABSTRACT TITLE	PRESENTING AUTHOR
02 AM	PILOT CLINICAL EVALUATION OF THE SAFETY AND EFFICACY OF CRYOMODULATION FOR TREATMENT OF PATIENTS WITH ACNE	Bruce E. Katz, MD
:07 AM	EVALUATION OF THE 1550NM ERBIUM: GLASS FRACTIONAL LASER IN THE TREATMENT OF INFLAMMATORY FACIAL ACNE	Qiong Wang
12 AM	PHOTODYNAMIC THERAPY AND FULL COURSE TREATMENT OF ACNE	Xiuli Wang, MD
17 AM	2,910-NM FIBER LASER SAFE AND EFFECTIVE IN IMPROVEMENT OF ACNE SCARRING	Edward Hochman, MD
22 AM	Break	
27 AM	NASAL CONTOURING WITH A NOVEL ABLATIVE 2,910 NM FIBER LASER	Ritu Swali, MD
32 AM	COMPARISON OF SHORT, MEDIUM, AND LONG-TERM EFFICACY AND NUMBER OF TREATMENT SESSIONS OF MICROWAVE THERMOLYSIS OF SWEAT GLANDS FOR TREATMENT OF AXILLARY HYPERHIDROSIS	Cameron K. Rokhsar, MD, FAAD, FAACS
37 AM	DEMOGRAPHICS AND INDICATIONS OF NON-COSMETIC LASER USE IN DERMATOLOGY IN THE U.S.: REAL-WORLD DATA FROM A LARGE NATIONWIDE DATABASE, 2013-2023	Serena Yun-Chen Tsai, MD
42 AM	NOVEL APPLICATION OF 755 NM ALEXANDRITE LASER IN SKIN OF COLOR FOR ANGIOLYMPHOID HYPERPLASIA WITH EOSINOPHILIA	Monica Borza, DO
47 AM	MULTINUCLEATE CELL ANGIOHISTIOCYTOMA A RETROSPECTIVE CHART REVIEW AND USE OF PULSED DYE LASER	Chelsea Handfield, MD
52 AM	SUCCESSFUL TREATMENT OF MULTIPLE GLOMANGIOMAS WITH MULTI-MODAL LASER INTERVENTION AND HISTOPATHOLOGICAL EVALUATION	Mary B. Gadarowski, MD
57 AM	COMPARSION OF THE EFFICACY OF ALA-PDT COMBINED WITH ORAL ANTIFUNGAL AGENTS AND ORAL ANTIFUNGAL AGENTS ALONE IN THE TREATMENT OF CHILDREN WITH KERION	Li Li
02 AM	USING ABLATIVE FRACTIONAL CARBON DIOXIDE LASER TO TREAT SEVERE HAND CONTRACTURES IN A PATIENT DIAGNOSED WITH SYSTEMIC SCLEROSIS	Diane Fernandes, DO
07 AM	Q&A	
16 AM	EFFICACY OF A 650-MICROSECOND 1064NM ND:YAG LASER IN THE MANAGEMENT OF VULVAR DYSTROPHIC DISEASES: A COMPARATIVE STUDY WITH CORTICOSTEROID APPLICATION	Khalil A. Khatri, MD
21 AM	PENETRATION DEPTH OF METHYLENE BLUE DYE INTO DENTINAL TUBULES FOLLOWING ROOT CANAL PREPARATION WITH CONVENTIONAL AND LASER ASSISTED IRRIGATION TECHNIQUES	Alina Sivriver, MS
26 AM	FRACTIONAL CO2 LASER-ASSISTED PHOTODYNAMIC THERAPY DELIVERS SAFE OUTCOME FOR CANCER RECURRENCE PREVENTION AND AESTHETIC IMPROVEMENT	Adriana Quintero Rivera, BS
31 AM	A NOVEL CHLORIDE DERIVATIVE STBF MEDIATED PHOTODYNAMIC TREATMENT OF CHRONIC WOUNDS INFECTED WITH METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS A RETROSPECTIVE CLINICAL STUDY	Jianhua Huang,
36 AM	EFFICACY AND SAFETY OF INTENSE PULSE LIGHT IN COMBINATION WITH SIROLIMUS 0.2% GEL IN THE TREATMENT OF HYPERTROPHIC SCAR AND KELOID - A PRELIMINARY CASE STUDY IN 30 CASES	Ajay Deshpande, MBBS
41 AM	A CASE OF FIBROFATTY CHANGE IN A SPONTANEOUSLY INVOLUTED INFANTILE HEMANGIOMA TREATED WITH RADIOFREQUENCY MICRONEEDLING IN A SKIN OF COLOR PATIENT	Monica Williams, MD, MPH, N
46 AM	TARGETING CLINICAL ENDPOINTS FOR THE SUCCESSFUL TREATMENT OF VASCULAR AND PIGMENTED LESIONS WITH A NOVEL LONG-PULSED DUAL WAVELENGTH 532NM AND 1,064NM LASER	Nicole Golbari, MD, MPH
51 AM	ENHANCED IMMUNOREGULATORY STRATEGIES IN SOLID ORGAN TRANSPLANTATION: TREG INFUSION AND BIOMARKER-BASED MRI	Yu Ping, BS
56 AM	A MULTI-CENTER, DOUBLE-BLIND, RANDOMIZED, COMPARATOR CONTROLLED TRIAL EVALUATING TOPICAL FORMULATIONS FOR SKIN FRAGILITY OF THE ARMS	Orit Markowitz, MD
):01 AM	EVALUATION OF EFFICACY AND SAFETY OF A NEW PICOSECOND 755-NM ALEXANDRITE LASER WITH AN INCREASED ENERGY OUTPUT FOR SKIN REJUVENATION IN ASIAN SKINS: A PROSPECTIVE STUDY	Christina S.M. Wong, MRCP, MRCS, MSc, FHKCP
):06 AM	A SINGLE-CENTER, OPEN-LABEL, PROSPECTIVE STUDY OF A 589/1319 NM DUAL WAVELENGTH LASER FOR THE TREATMENT OF FACIAL HYPERPIGMENTATION	Suleima Arruda, MD
):11 AM	TREATMENT OF ARGYRIA WITH A 785 NM PICOSECOND LASER	Akhil Wadhera, MD
):16 AM	LASERS FOR MEDICAL INDICATIONS: A NATIONAL CUTANEOUS LASER REGISTRY	Victoria Shi, BA
	A PROSPECTIVE, SPLIT-FACE, RANDOMIZED STUDY COMPARING FRACTIONAL CARBON DIOXIDE LASER WITH AND WITHOUT APPLICATION OF BOTULINUM TOXIN TYPE A IN THE TREATMENT OF ENLARGED PORES	Nattaporn Sampattavanich, N