

17TH CONGRESS OF THE WORLD FEDERATION FOR LASER DENTISTRY

8:00

WELCOME DESK | ACCESS TO BADGES

9:00–16:30

WORKSHOPS

ROOM 1 = S1
(GROUND FLOOR)

WORKSHOP 1

9:00–10:30

BORIS GAŠPIRC

TwinLight – Perio, Gingivectomies, Frenectomies, Gingival Recession Coverage

WORKSHOP 2

11:00–12:30

SAŠA TERLEP, LINHLAN NGUYEN

Theoretical Basis on PBM and Pain Management

WORKSHOP 3

13:00–16:30

MICHAŁ NAWROCKI

Peri-Implantitis, Immediate Loading, General Implant Surgery

ROOM 2 = S2
(GROUND FLOOR)

WORKSHOP 7

9:00–11:00

JAMES CARROLL

Photobiomodulation – a Brief Broad-spectrum Introduction

WORKSHOP 16

13:00–14:00

MORITA – AKIRA AOKI

Lecture: Periodontal and peri-implant therapy using Er:YAG laser

WORKSHOP 10

14:00–16:00

LINHLAN NGUYEN

Facial Aesthetics

ROOM 3 = S4
(II FLOOR)

WORKSHOP 15

11:00–12:30

SEPTODONT

Effective ways to protect against cross-contamination and needle stick injuries. Safe injection system.

WORKSHOP 8

14:00–16:30

BIOLASE – MAGDALENA PAWELCZYK-MADALIŃSKA

A new Non-Surgical Therapeutic Approach in Periodontal Treatment using 940 nm and Er,Cr:YSGG 2780nm lasers

ROOM 4 = S5
(II FLOOR)

WORKSHOP 9

9:00–14:00

ROBERT CONVISSAR

Infant Tongue Tie and Lip Tie

WORKSHOP 6

14:30–15:30

IVAN PETROPOLI

3D opportunity to see everything

17:00–17:20

WFLD CONGRESS OPENING CEREMONY

PROF. TONI ZEINOUN (LEBANON)

WFLD President

PROF. SAMIR NAMOUR (BELGIUM)

General Director of the European Inter-University Master of EMDOLA and Director of WFLD International relations and Internal legal affairs

PROF. ALDO BRUGNERA JUNIOR (BRAZIL)

Chairman of the Scientific Committee, WFLD General Secretary

PROF. KINGA GRZECH-LEŚNIAK (POLAND)

Chairman of Organizing Committee, WFLD Board Advisor

17:20–17:40

WELCOME SPEECH + COUNTRY REPRESENTATIVE PRESENTATIONS

17:40–18:00

FLAGS CEREMONY

18:00–18:20

WELCOME LECTURE

Vice-Rector of Strategic Wrocław Medical University **PROF. MARZENA DOMINIAK**

PROF. BŁAŻEJ MISIAK Department of Psychiatry, Wrocław Medical University

18:20–19:20

INAUGURATION LECTURE

Prof. Enwemeka Chukuka

Photo-Eradication of Microorganisms with pulsed Blue Light- treating resistant to antibiotic infection

Prof. Vanderlei S. Bagnato

From the mouth and nose to the lungs: treating resistant to antibiotic infection with photonic techniques

19:20–20:00

EMDOLA CEREMONY (DIPLOMAS 2018-2020 AND 2020-2022)

CHAIRMAN: **PROF. SAMIR NAMOUR**; General Director of the European Inter-University Master of European Master degree in Oral Laser Application, EMDOLA

20:00–21:00

INTEGRATION EVENING

EXHIBITION AREA VISIT WITH A GLASS OF WINE

17TH CONGRESS OF THE WORLD FEDERATION FOR LASER DENTISTRY

8:00

WELCOME DESK | ACCESS TO BADGES | WELCOME COFFEE

ROOM 1 = W1

Session Chairmen: Prof. Akira Aoki, Prof. Samir Namour, Prof. Kinga Grzech-Leśniak

8:30 **Toni Zeinoun, President of WFLD (Lebanon)**
Laser in Health Science

SYMPOSIUM: PERIODONTITIS AND PERIIMPLANTITIS COMPLICATIONS MANAGEMENT

8:50 **Samir Nammour (Belgium)**
Diode (980 nm) Laser-Assisted clinical non-surgical treatment of Periodontal infra-bony Pockets

9:10 **Akira Aoki (Japan)**
Er:YAG Laser-Assisted Comprehensive Periodontal Pocket Therapy (Er-LCPT)

9:30 **Ali Cekici (Turkey)**
The Philosophy and Successful Application of Non-Surgical Periodontal Treatment

10:10 **Marisa Roncati (Italy)**
Periodontal and Peri-implant Diseases

10:40 **Patricia Freitas (Brazil)**
State of the art in the use of erbium lasers in ceramic restorations

11:00 COFFEE BREAK & EXHIBITION VISIT

Session Chairmen: Prof. Marzena Dominiak, Prof. Josep Arnabat, Prof. Steven Parker

11:30 **Jamil Shibli (Brazil)**
Treatment of Peri-implantitis using lasers: a current clinical approach

11:50 **Paolo Vescovi (Italy)**
Dental Implants, Bisphosphonates and other antiresorptive drugs and laser

12:10 **Marzena Dominiak (Poland)**
Vitamin D, Laser and Periimplantitis Management

12:30 **Georgios Romanos (USA)**
Laser Light for Management of Peri-implantitis

13:00 LUNCH BREAK

Session Chairmen: Prof. Akira Aoki, Prof. Kinga Grzech-Leśniak, Prof. Samir Namour

14:30 **Round Table Discussion**
Periodontitis & Periimplantitis Complications Management (laser or non-laser treatment, parameters etc.)
Chairman of the session: Samir Nammour
Akira Aoki, Jamil Shibli, Kinga Grzech-Leśniak, Marzena Dominiak, Georgios Romanos, Paolo Vescovi, Umberto Romeo, Josep Arnabat, Toni Zeinoun

15:30 **Altayeb Walid (Algeria)**
Are the Multi Wavelength Diodes a Luxury or a Necessity?

16:30 COFFEE BREAK & EXHIBITION VISIT

Session Chairmen: Michał Nawrocki, Prof. Vitor Hugo Panhoca, Prof. Sajee Sattayut

17:00 **Linhlán Nguyen (Australia)**
Laser Applications in Facial Aesthetics

17:00 **Magdalena Pawelczyk-Madalińska (Poland)**
Is a Laser a Piece of must-have equipment in Periodontal Practice?

17:45 DIVISIONAL GENERAL ASSEMBLY

19:00

CLOSING REMARKS AND DAY 1 SUMMARY

19:20

BUS FROM THE CONGRESS TO THE MERCURE HOTEL

20:00

BUS FROM THE MERCURE HOTEL TO THE GALA

20:30

EVENING GALA

ROOM 2 = W4

Session Chairmen: Prof. Boris Gaspirc, Prof. Adriana Barylak, Prof. Gianluigi Caccianiga

8:30 **Kinga Grzech-Leśniak (Poland)**
Periodontitis & Laser Management

8:50 **Josep Arnabat (Spain)**
Laser Applications in Implantology

9:10 **Sajee Sattayut (Thailand)**
Variety of laser therapies for treating oral lichen planus: State of the art

9:30 **Hernán Giraldo (Colombia)**
Debonding of ceramic veneers with laser. The clinical reality in contrast with the scientific evidence

9:50 **Aldo Brugnera Junior (Brazil)**
Hemo-laser therapy: A pioneering technique that uses a patient's own stem cells "in loco" to regrow gingiva and bone

10:10 **Robert Convisar (USA)**
Infant Tongue Tie and Lip Tie

10:30 **Carmen Todea (Romania)**
Bone Healing under Laser Biomodulation from "In Vitro" to Clinical Study

Session Chairmen: Prof. Elżbieta Dembowska, Prof. Carmen Todea, Prof. Lara Motta

11:30 **Marco Meleti (Italy)**
Lasers in oral surgery

12:00 **Alessandra N. S. Rastelli (Brazil)**
Violet LED Associated to Bleaching Agents and the Effect over Dental Enamel

12:20 **Umberto Romeo (Italy)**
Blue light laser (445nm) in oral soft tissue surgery

12:40 **Denise Zezell (Brazil)**
Importance of Heat Generation and Propagation on Dental Tissues Due to High-Intensity Laser Irradiation for safe clinical use

ROOM 3 = W3

INTERNATIONAL CONGRESS FOR ESTHETIC DENTISTRY
Session Chairmen: Maciej Żarow, Michał Nawrocki

8:30 **GRZEGORZ WASILUK (POLAND)**
Full arch removable bridge. From alternative treatment to predictable and esthetic solution

9:10 **PAWEŁ NIEWADA (POLAND)**
Esthetics & Function – Practical Remarks

9:50 **IVAN PETROPOLI (CROATIA)**
3D opportunity to see everything

10:30 COFFEE BREAK + EXHIBITION VISITS

Session Chairmen: Maciej Żarow, Michał Nawrocki

11:00 **MACIEJ ŻAROW (POLAND)**
From function to the Esthetics: all in direct composites

12:30 **ERIC MAYER SANTOS (BRAZIL)**
The Use of an Erbium Laser on Aesthetic Restorations

13:00 **GIOVANNI MARIA GAETA (ITALY)**
Smile Aesthetics and Laser Treatment

13:30 LUNCH BREAK

Session Chairmen: Maciej Żarow, Giovanni Maria Gaeta

14:30 **AOUS ABDULMAJEED (USA)**
Contemporary Dental Ceramics and Cements

15:30 **MICHAŁ SZCZUTKOWSKI (POLAND)**
Guided Tissue Regeneration Around Implants in the Esthetic Zone

16:15 COFFEE BREAK + EXHIBITION VISITS

Session Chairmen: Maciej Żarow, Giovanni Maria Gaeta

16:45 **AJAY JUNEJA (UAE)**
Success with Ceramic Veneers: Protocols for Minimal Preparation & Predictable Bonding

18:15 OPEN DISCUSSION + QUESTIONS

ROOM S2 (GROUND FLOOR)

Session Chairmen: Rafał Wiench (Poster Session), Prof. Adriana Barylak (Short Oral Communication Sessions)

9:00-10:30 **SESSION 1**
Scientific Short Oral Presentations

10:30-11:00 **SESSION 2**
Undergraduate Student Presentations

11:30-13:00 **SESSION 3**
Scientific Poster Presentations

ROOM S5 (II FLOOR)

8:00-9:30 **SESSION 6**
Case Report Poster Presentations

10-11:30 **SESSION 7**
Scientific Poster Presentations

ROOM S2

Session Chairmen: Rafał Wiench (Poster Session), Prof. Adriana Barylak (Short Oral Communication Sessions)

13:30-15:00 **SESSION 4**
Case Report Poster Presentations

15:30-17:00 **SESSION 5**
Scientific Poster Presentation

17TH CONGRESS OF THE WORLD FEDERATION FOR LASER DENTISTRY

8:00

WELCOME DESK | ACCESS TO BADGES | WELCOME COFFEE

ROOM 1 = W1

SYMPOSIUM: INNOVATIONS IN THE USE OF PHOTOBIO-MODULATION IN HEALTH SCIENCE

Session Chairmen: Praveen Arany, Steven Parker, Maria Chavantes

9:30 **Rene-Jean Bensadoun (France)**
State of art of photobiomodulation (PBM) in the management of cancer-therapy side effects: Indications and levels of evidence

9:50 **Maria Chavantes (Brazil)**
State of the Art and Technological Challenges for Translational Medicine: Minimally Invasive Energy-Based Devices

10:10 **Lara Motta (Brazil)**
Effect of Vascular Photobiomodulation on Sleep Quality

10:30 **Praveen Arany (USA)**
Innovations in Lasers in Dentistry: Surgical and Non-Surgical Applications from Prevention to Regeneration

11:00 **Alessandro Del Vecchio (Italy)**
Is there PBM outside the therapeutic window?

11:30 **COFFEE BREAK & EXHIBITION VISIT**

Session Chairmen: Shigeyuki Nagai, Leticia Helena Theodoro

12:00 **James Carroll (UK)**
Photobiomodulation for the Treatment of Cancer Therapy Side Effects

12:50 **Stefano Benedicenti (Italy)**
Biomodulation with flat top handpiece

13:30 **LUNCH BREAK**

Session Chairmen: Chukuka Enwemeka, Aldo Brugnera Jr., Rene-Jean Bensadoun

14:30 **Steven Parker (UK)**
Laser Photonic Energy Delivery in Clinical Dentistry: Scrutiny of Parameter Variables

15:10 **Round Table Discussion Photobiomodulation**
Chairman of the session: Chukuka Enwemeka (USA)
Aldo Brugnera Junior (Brazil)
Bagnato Salvador Vanderlei (Brazil)
Rene-Jean Bensadoun (France)
Chavantes Cristina (Brazil)
Praveen Arany (USA)
Parker Steven (UK)
Kinga Grzech-Leśniak (Poland)

15:50 **Questions & Answers**

16:05 **COFFEE BREAK & EXHIBITION VISIT**

Session Chairmen: Roeland de Moor, Jason Pang, Maria Perez-Rodriguez

16:30 **Sonia R Bordin-Aykroyd (USA)**
Biological considerations in light therapy

16:50 **Mark Cronshaw (UK)**
Photothermal Effects of High Energy Photobiomodulation Therapies

17:10 **Reem Hanna (UK / Italy)**
Oral Neuropathic Pain Management with PBM Therapy: A Prospective Analgesic Pharmacotherapy-Paralleled Feasibility Trial

17:30 **AWARD CEREMONY FOR THE POSTER SESSION AND SHORT ORAL PRESENTATIONS**

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18:10 **WFLD CONGRESS CLOSING CEREMONY**

ROOM 2 = W3

Session Chairmen: Hernán Giraldo, Robert Convissar

9:30 **Jason Pang (Australia)**
Minimising peri-implant complications through optimal management of the oral microbiome

10:10 **Roeland de Moor (Belgium)**
Advantages of Laser in Daily Practice during Endodontic Treatment

10:50 **Roeland de Moor (Belgium)**
Laser-activated irrigation. On how the "power of the bubble" does make the difference in endodontic irrigation

11:00 **Marina Consuelo Vitale (Italy)**
Interaction between laser therapy and orofacial harmonization

10:30 **Sandra Kalil Bussadori (Brazil)**
Clinical protocols for the use of antimicrobial photodynamic therapy in Pediatric Dentistry

12:30 **Marina Consuelo Vitale (Italy)**
Photobiomodulation and Oral Mucositis: new protocols

12:00 **Elżbieta Dembowska (Poland)**
Er,Cr:YSGG laser treatment of infected tissues in the course of periodontal diseases

12:15 **Nasim Chiniforush (Iran)**
The role of natural and chemical mediated photodynamic therapy in management of oral infection

12:00 **Elżbieta Dembowska (Poland)**
Er,Cr:YSGG laser treatment of infected tissues in the course of periodontal diseases

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12:15 **Nasim Chiniforush (Iran)**
The role of natural and chemical mediated photodynamic therapy in management of oral infection

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The role of natural and chemical mediated photodynamic therapy in management of oral infection

13:30 **LUNCH BREAK**

Session Chairmen: Mark Cronshaw, Sonia Bordin-Aykroyd

14:30 **Alessandra Cassoni (Brazil)**
Erbium Laser irradiation as a pre treatment surface between zirconia and resin cement

14:50 **Maria Perez-Rodriguez (Spain)**
PBM in Oncology Mucositis Pediatric: In Search of Ideal Clinical Protocol

14:30 **Alessandra Cassoni (Brazil)**
Erbium Laser irradiation as a pre treatment surface between zirconia and resin cement

14:50 **Maria Perez-Rodriguez (Spain)**
PBM in Oncology Mucositis Pediatric: In Search of Ideal Clinical Protocol

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PBM in Oncology Mucositis Pediatric: In Search of Ideal Clinical Protocol

16:05 **COFFEE BREAK & EXHIBITION VISIT**

Session Chairmen: Fatima Zanin, Linhlan Nguyen

16:30 **Anna Carolina Horliana (Brazil)**
Effect of antimicrobial photodynamic therapy in the nasal decolonization of chronic hemodialysis patients: A single-blind randomized pilot study

17:00 **Rosy Nguyễn (Vietnam)**
Evaluation of Initial Result of 3D Application in Mandibular Reconstruction by Free Fibula Flap

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Evaluation of Initial Result of 3D Application in Mandibular Reconstruction by Free Fibula Flap

ROOM 3 = W2

2ND INTERNATIONAL CONGRESS OF INNOVATION IN DENTAL HYGIENE

9:00 **OLGA SYNORADZKA JUSTYNA MUSIAŁ**
Klucz do pełnych grafików. Nieoczywista klasyfikacja pacjenta

10:30 **LAURA GRZEGÓLKOWSKA**
Pacjent implantologiczny w Gabinetie Higieny

11:30 **PRZERWA KAWOWA**

12:00 **KATARZYNA OSTROWSKA**
Techniki i procedury wybielania zębów w gabinecie

13:00 **NATALIA SZELĄG**
Najnowsze rozwiązania oraz innowacyjne, nieinwazyjne podejście do profesjonalnej profilaktyki w gabinecie higieny

14:00 **LUNCH BREAK**

15:00 **LAURA GRZEGÓLKOWSKA**
Guided Enamel Regeneration – znaczenie skutecznego wykrywania próchnicy

16:00 **KAROLINA KALETA**
Laser a biostymulacja

16:30 **KAZIMIERZ SZULIST**
Laser 405nm jako niezbędne narzędzie pracy nowoczesnej higienistki

17:15 **PRZERWA KAWOWA**

17:45 **MAGDALENA RUTA**
Laserowa terapia fotodynamiczna

18:15 **ANNA MACIEJOWSKA**
Laser a Periodontitis

18:45 **DYSKUSJA I PYTANIA**

19:00 **UROCZYSTE ZAKOŃCZENIE KONGRESU**

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19:00 **UROCZYSTE ZAKOŃCZENIE KONGRESU**

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ROOM 55 (GROUND FLOOR)

Session Chairmen: Rafał Wiench (Poster Session), Prof. Adriana Barylak (Short Oral Communication Sessions)

9:00-10:30 **SESSION 8**
Case Report Poster Presentations

11:00-12:30 **SESSION 9**
Scientific Oral Presentations

13:00-14:30 **SESSION 10**
Short Oral Communication - Case Report

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WORKSHOPS

17TH CONGRESS OF THE WORLD FEDERATION FOR LASER DENTISTRY

DAY 1 – 14TH APRIL 2023 (FRIDAY)

ROOM 1 = S1 (GROUND FLOOR)

WORKSHOP 1

9:00 – 10:30

BORIS GAŠPIRC

TwinLight – Perio, Gingivectomies, Frenectomies, Gingival Recession Coverage

WORKSHOP 2

11:00 – 12:30

SAŠA TERLEP, LINHLAN NGUYEN

Theoretical Basis on PBM and Pain Management

WORKSHOP 3

13:00 – 16:30

MICHAŁ NAWROCKI

Peri-Implantitis, Immediate Loading, General Implant Surgery

ROOM 2 = S2 (GROUND FLOOR)

WORKSHOP 7

9:00 – 11:00

JAMES CARROLL

Photobiomodulation – a Brief Broad-spectrum Introduction

WORKSHOP 16

13:00 – 14:00

MORITA – AKIRA AOKI

Lecture: Periodontal and peri-implant therapy using Er:YAG laser

WORKSHOP 10

14:00 – 16:00

LINHLAN NGUYEN

Facial Aesthetics

ROOM 3 = S4 (II FLOOR)

WORKSHOP 15

11:00 – 12:30

SEPTODONT

Effective ways to protect against cross-contamination and needle stick injuries. Safe injection system.

WORKSHOP 8

14:00 – 16:30

BIOLASE – MAGDALENA PAWELCZYK-MADALIŃSKA

A new Non-Surgical Therapeutic Approach in Periodontal Treatment using 940 nm and Er,Cr:YSGG 2780nm lasers

ROOM 4 = S5 (II FLOOR)

WORKSHOP 9

9:00 – 14:00

ROBERT CONVISSAR

Infant Tongue Tie and Lip Tie

WORKSHOP 6

14:30 – 15:30

IVAN PETROPOLI

3D opportunity to see everything

DAY 2 – 15TH APRIL 2023 (SATURDAY)

ROOM 1 = S1 (GROUND FLOOR)

WORKSHOP 11

9:00 – 11:00

EMS - NATALIA SZELĄG

Jak praktycznie wykorzystać nowoczesne rozwiązania w profesjonalnej profilaktyce

WORKSHOP 14

11:30 – 13:30

IVAN CATOVIC

Workshop for Hygienists: Periodontitis and Periimplantitis: Biologically Oriented Minimally Invasive Treatment

ROOM 4 = S5 (II FLOOR)

WORKSHOP 4

15:30 – 17:00

ALI ÇEKICI

Periodontology – Successful Non-Surgical Periodontal Treatment

DAY 3 – 16TH APRIL 2023 (SUNDAY)

ROOM 1 = S1 (GROUND FLOOR)

WORKSHOP 12

14:00 – 16:00

MAGDALENA PRZYBYSZ

The web of collagen. How to make predictable augmentation

ROOM 2 = S2 (GROUND FLOOR)

WORKSHOP 13A

11:00 – 13:30

BARTEK KARAŚ,
MUSTAFA GÜNDOĞAR

A clinical guide to modern root canal therapy

WORKSHOP 13B

14:00 – 16:30

BARTEK KARAŚ,
MUSTAFA GÜNDOĞAR

A clinical guide to modern root canal therapy

DAY 2 – 15TH APRIL 2023 (SATURDAY)

SESSION 1 – Scientific Short Oral Presentations 9:00-10:30

Mayra Costanti Vilela Campos*Effect of Systemic Photobiomodulation on Orofacial Pain in Individuals Post-Covid-19: Case Series***Peiya Lin***Effects of low-level Er:YAG laser irradiation on proliferation and gene expression changes of primary gingival fibroblasts isolated from mouse maxilla***Maysaa Ismail***Absorption spectrum of different wavelengths by oral soft tissues***Marggie Grajales***Cellular Response Induced by Low-Level Laser Treatment on Human Pulp Stem Cells***Ilaria Giovannacci***Auto-Fluorescence for intra-operative identification of surgical margins of osteonecrosis of the jaw: a new technique supported by Er:YAG laser***Giulia Ghidini***Temperature analysis during soft tissue incision of different laser wavelengths (445 nm, 1064 nm, „nanoyag”, 2940 nm)***Nathalie Fitvoye***Non-surgical treatment of infra bony periodontal pockets using blue laser 470 nm***Laura Ferrari***Osteotomy With Er:YAG Laser: A Stereomicroscopic Evaluation on Ex-vivo Model***Farah El Khamlichi***Assessment of harmless irradiation conditions of Diode laser (980 nm) and Blue laser (470 nm) on deep cavities. An ex-vivo study***Barengi Livia***Accelerated orthodontic tooth movement by low-level laser photobiomodulation: problems and perspectives***M. Pellegrini***Capillaroscopy and laser assisted salivary flow stimulation: a preliminary triple blind randomized controlled clinical trial***F. Pulicari***Preliminary study of photobiomodulation applied to salivary glands: implication on salivary flow*

SESSION 2 – Undergraduate Student Presentations 10:30-11:00

Anna Murias*One-year observation of changes in the occlusion of a 12-year-old patient after laser frenulectomy of tongue frenulum performed with a 2940 nm Er:YAG laser, without orthodontic treatment, but with the use of myofunctional therapy of the tongue***Zuzanna Grzech-Leśniak***A case report of non-trauma related coccygodynia treated with laser photobiomodulation and other non-surgical methods***Aleksandra Sołtyk***Laser diagnostic methods as a support in the diagnosis of oral potentially malignant disorders***Maciej Tarnawski***Photobiomodulation Therapy During the Orthodontic Treatment and Periodontium Protection. Clinical Case Report*

SESSION 3 – Scientific Poster Presentations 11:30-13:00

Chun Hung Chu*The synergistic remineralizing effects of combined use of a 445 nm blue laser and silver diamine fluoride on enamel***Anna Dojs***Efficacy and Durability of Oral Mucosa Keratosis Photodynamic Treatment Versus Individual Patient Characteristics***Denise Maria Zezell***Spectroscopic and texture analysis by cone beam computed tomography of dentin modified with Nd:YAG laser***Anna Kuśka-Kiełbratowska***Evaluation of sensitivity of selected Candida strains to ozonated water using the MTT test at the wavelength of $\lambda=550$ nm***Łopaciński Maciej***Evaluation of the antifungal effect of the Er:YAG laser in relation to yeast most often causing oral candidiasis – An In Vitro Study***Iwona Murias***Comparison of the length of the free part of the tongue according to the Kotlow classification and the difference in the mouth dilation according to the Marchesan protocol in preschool and elementary children before and after frenulectomy performed with surgery with a 2940 nm Er:YAG laser***Paolo Caccianiga***Pain Perception Following Periodontal Decontamination Treatment with Laser Therapies: Comparison between Oxygen High Level Laser Therapy (OHLT) and Laser Assisted New Attachment Procedure (LANAP)***Mohammad Khare Zamzam***Transmission of 2780 nm Wavelength within Polycrystalline and Monocrystalline Sapphire Orthodontic Brackets***Apoorva Gupta***Effect of Different Er,Cr:YSGG Laser Tips on the Root Surface in Adjunct to Mechanical Therapy: A Descriptive in Vitro Scanning Electron Microscopy Study***Mandelli L.N***Laser and Ozone effect in postoperative oral surgery pain management: a randomized clinical study*

SESSION 4 – Case Report Poster Presentations 13:30-15:00

Balboa Ana Paula Tanko*Full Face Approach in Dentistry***Alex S Chan***Laser-assisted Tooth Replantation: A Case Report***Kristen H. Richey***Using the principles of periodontics and occlusion to restore form, function and esthetics***Gabriela Mercik***Interdisciplinary reconstruction of the lower face in two elderly patients***Anna Kruczek – Kazibudzka***The use of TBO-mediated aPDT in the treatment of oral lichen planus – case series***Katarzyna Latusek***The application of multi-wave diode laser for the removal of lipoma by using mucosal preservation technique – a case report***Agnieszka Milc***Is pain – free conservative treatment with Er:YAG laser possible without anaesthesia?***Agnieszka Woźniak***The use of 2940 nm and 635 nm with toluidine blue i the elimination of halitosis. Is it possible? Description of case series***Tadeusz Morawiec***A resection procedure along with a cystectomy using the Er:YAG laser-a case report***Marcia M. Vidor***The use of Erbium laser for debonding Ceramic Veneers – Case Report*

SESSION 5 – Scientific Poster Presentations 15:30-17:00

Denise Maria Zezell*Immunohistochemistry of cytokeratin proteins 10 (CK10) and 14 (CK14) demonstrates that photobiomodulation improves epithelial maturity of radio induced oral mucositis wounds***Denise Maria Zezell***Association of aPDT (antimicrobial photodynamic therapy) and I-FRP (fibrin-rich plasma and leukocytes) in immediate dental implants surgery in contaminated alveoli with extensive bone loss***Alessandra Nara de Souza Rastelli***Antimicrobial Photodynamic Therapy over Cariogenic Biofilms by the Use of ETNBS and BPD***Ghidini G***Thermal and Stereomicroscopical evaluation of bone cutting surfaces of different surgical instruments: 2940 nm Er:YAG laser, Piezosurgery and rotatory instruments***Ghidini G***Thermal evaluation of different LASERS (445 nm, 1064 nm, „nanoyag”, 2940 nm) and Quantum Molecular Resonance Scalpel in soft tissues***Vicky Wenqing Xue***Effectiveness of treatment combining topical fluorides and Diode Lasers on remineralization of enamel caries: A Systematic Review and Meta-Analysis***Marcin Tkaczyk***Assessment of the uptake of ortho toluidine blue or curcumin into Candida spp. cells at various time intervals – a preliminary study***Aleksandra Warakomska***Efficacy of antimicrobial photodynamic therapy with TBO and curcumin in the elimination of Candida albicans biofilms on acrylic plates – preliminary in vitro study***Grzegorz Dawiec***The use of magnetolaserostimulation in the treatment of postoperative sensory disorders of the inferior alveolar and lingual nerve*

DAY 2 – 15TH APRIL 2023 (SATURDAY)

SESSION 6 – Case Report Poster Presentations

8:00-9:30

Balboa Ana Paula Tanko*Antimicrobial Photodynamic Therapy in Orofacial Harmonization***Balboa Ana Paula Tanko***Microneedle Technique Allied to Biophotonic in Orofacial Harmonization***Michał Dojs***Photodynamic Treatment of Thick and Extensive oral Keratosis – Case Study***Damian Korczynski***Root apex resection - case study***Marcin Tkaczyk***The use of multiwave diode laser for the removal of vascular malformation - case report***Jacek Sitkiewicz***Efficacy of Laser Assisted Irrigation in decontamination and disinfection of complex root canal anatomy – clinical case report***André Carvalho Rodriguez***Low-Level Laser Therapy for Lip Lesions Healing Caused by Covid-19: A Case Report***Claudio Pasquale***A Comparative Study on the Effect of Peri-Implant Infection Management Lasers (1064-nm Q-Switch Nd:YAG, 1064-nm Nd:YAG and 980-nm Diode) on Titanium Grade 4 Surface***Nabeel Abdu***Neodymium: yttrium–aluminum–garnet (Nd:YAG) lasers irradiation for root canal and periodontal pocket disinfection – a clinical case report***Michał Lubas***Vestibuloplasty with 980 nm diode laser - case study*

SESSION 7 – Scientific Poster Presentations

10:00-11:30

Natalia Stefanik*Assessment of wound healing at the donor site after FGG procedure and using methods supporting tissue regeneration***Paliga Darek***Evaluation of the red/orange autofluorescence of selected Candida strains in the light of a 405 nm diode laser - direct observation***Kazimierz Szulist***Comparing four caries diagnosis methods of a tooth - clinical case report***Aleksander Makara***Class I cavity preparation with Er:YAG (2940 nm) laser – a clinical case report***Jacek Kotuła***Frenulotomy - not only the technique matters***Barbara Sterczała***Laser stimulation 405 nm to human fibroblast proliferation***Monise Mendes Rocha***Minimal Intervention Treatment With Led In Bruxist Child Patients Diagnosed With Down Syndrome***Elizabeth Grudzien***Effect of transcutaneous photobiomodulation (ILIB) on the control of childhood anxiety in dental care. Double-Blind randomized clinical trial.***Rafael Zaratín Beltramin***Analysis Of Face Muscular Activity In Children With A Diagnosis Of Down Syndrome Pre And Post Led Application***Luiz Claudio de Freitas***Effects of photobiomodulation in the postoperative fractures of the proximal humerus***Erika Aparecida Felix de Barros Pinto***Photobiomodulation in the process of skin elevation: tissue regeneration***Paula Caroline Garcia***Use Of Low Power Red Led Associated with The Treatment of Polydioxanone Threads in The Glabellar Region: A Clinical, Randomized, Controlled, Double-Blind Study*

DAY 3 – 16TH APRIL 2023 (SUNDAY)

SESSION 8 – Case Report Poster Presentations

9:00-10:30

Magdalena Gryka-Deszczyńska*Clinical Effectiveness of Laser Assisted Immediate Implant Placement Socket Shield Technique - Case Report***Hanna Hüpsch-Marzec***Case report of two patients with vascular malformations of vermillion removed using the diode laser***Patrycja Łanowy***Case report of removal fibroma from right cheek mucosa with diode laser***Katarzyna Banaszek***Treatment of odontogenic inflammatory cyst with Er:YAG ST-Pro laser in endodontic treatment. A case report***Bartłomiej Kubaszek***Endodontic treatment with Er:YAG and Nd:YAG laser-a case report***Melanie Kurc***Easy chairside management of venous malformation of the lip with aesthetic results using 940nm diode laser: a case report***Alina Florczak-Matyjek***Photoactive disinfection (PAD) and photobiomodulation (PBM) using a 635-nm laser in endodontic treatment. Case report***Filip Michalak***Surgical treatment of medication-related osteonecrosis of the jaw (MRONJ) with the use of Er:YAG laser***Daniel Selahi**

SESSION 9 – Scientific Short Oral Presentations

11:00-12:30

Ana Júlia Lacerda Lunardi*The effect of systemic versus local transcutaneous laser therapy on tension-type cephalgia and orofacial pain in post-COVID-19 patients. A protocol of pragmatic randomized clinical trial.***Amanda Rafaely Honório Mandetta***Evaluation of the effectiveness of antimicrobial photodynamic therapy and deproteinization on permanent teeth with molar incisor hypomineralization (MIH) and the association with the longevity of restorations: Controlled blind clinical trial***Valeria Mendez***Effectiveness of non-ablative treatment for snoring and obstructive sleep apnea with two high-intensity pulsed lasers - a controlled randomized double-blind clinical trial***Adriana Mazzoni***Evaluation of the effects of high-level diode laser and electrocautery in lingual frenectomy surgeries in infants: protocol for a blinded randomised controlled clinical trial***Alessandra Nara de Souza Rastelli***Violet LED Associated to Bleaching Agents and the Effect over Dental Enamel***Antonelli Rita***Laser management of HPV-related oral infections***Ruggeri K***Endodontic surgery with Er:YAG laser: a stereomicroscopic evaluation on ex-vivo models***San-Martín M***Photobiomodulation efficacy of major salivary glands in children with caries activity: study protocol for randomized, double-blind, placebo-controlled, parallel-group clinical trial***Pedro Cardoso Soares***Transmucosal Radiation of Blood or B complex use to treat COVID-19 Related Long Term Taste Impairment***Yuliya Cherepynska***Does laser excision permit the reduction of the recurrence rate of HPV-related oral lesions? A Systematic Review***Denise Maria Zzell***Analysis of acid resistance of enamel treated with Nd:YAG laser and fluoride in different pHs***Leticia Helena Theodoro***Efficacy of curcumin-mediated antimicrobial photodynamic therapy as a preventive treatment of medication-related osteonecrosis of the jaw: an experimental study in rats*SESSION 10 – Short Oral Communication
– Case Report

13:00-14:30

Karim Khaled Elkobrosly*The magic of laser in treating Nerve injury and other daily cases. Is it worth it?***Carlos Nascimento***Laser- assisted Endodontic Treatment with an Erbium YAG on SWEEPS mode in Molars with complex internal anatomy. A case series***Eloisa Vigliaroli***KTP LASER: a superlative tool in dental aesthetics: from the treatment of dental stains to angiomas***Nitish Kamboj***Photobiomodulation – a cell in an altered state of consciousness (A diary of clinical cases from India)***Nicolas Leoni***How to prepare and manage implant sites with lasers and growth factors?*