E227 PROGRAM

LASER EUROPE

INTERNATIONAL CONGRESS

PORTO / 09.10.11

PORTUGAL NOVEMBER

ALTEC DIVENTOS ELA

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ZDENKO VIZINTIN (SI)

HOSPITAL LUSÍADAS PORTO

08:30 - REGISTRATION

09:00 - 13:00 - **MASTERCLASS IN LASER THERAPY** [MAIN ROOM]

Julie Robinson | Stanley Batchelor Harry Moseley

Core of Knowledge Course Approved by British Medical Laser Association

Core of Knowledge represents a body of knowledge that underpins the safe use of lasers in clinical practice. It is intended to be undertaken by all staff using laser (class 3 and 4) and non-laser (IPL and LED) light sources in a range of applications, including medical, surgical, dental and aesthetic practices. Its aim is to provide users with an understanding of the basic principles of laser safety. After attending the course, each participant should understand:

- Basic principles of laser generation and review of laser/IPL technology
- · Laser hazard classification
- Meaning of associated warning labels
- Principles of quality assurance
- · Emission characteristics of different types of equipment
- · Laser-tissue interaction mechanisms
- · Penetration of light of different wavelengths through skin and eye
- · Dangers of central versus peripheral retinal damage
- · Hazards to eye and skin fromA accidental exposure
- \cdot The concept of Maximum Permissible Exposure and Nominal Ocular Hazard Distance
- Principles of risk assessment
- · Laser safety management including the role of the Laser Protection Adviser,

Laser Protection Supervisor, Local Rules and Controlled Area

- Risks associated with accidental reflections
- $\boldsymbol{\cdot}$ Personal protection measures including eye protection
- · Hazards to the patient, e.g. endotracheal tube ignition
- · Incidental hazards, including electrical, fire explosion and plume emission
- $\boldsymbol{\cdot}$ Relevant legislation, standards and guidelines
- · How to deal with an adverse event or accidental exposure

14:00 - 18:00 - **LIVE WORKSHOPS**

GYNECOLOGY AND UROLOGY (ROOM 01)

Cesar Arroyo | Paula Ramôa

PLASTIC AND AESTHETIC SURGERY (ROOM 02)

Mário Trelles | João Vale

VASCULAR SURGERY AND PEDIATRICS (ROOM 03)

Paulo Correia | António Lúcio Basptista | Tiago Coelho | Carsten Philipp

CENTRO HOSPITALAR DE SÃO JOÃO - PÓLO VALONGO / CESPU DENTAL MEDICINE UNIT

14:00 - 18:00 - **LIVE WORKSHOP**

DENTAL MEDICINE

Update on Laser Applications in Oral Surgery and Oral Medicine. Focus on laser treatment of oral leukoplakia, oral vascular lesions, and snoring.

Luis Monteiro | Luis Côrte-Real

HOTEL CROWNE PLAZA	
08:00 - REGISTRATION	
09:00 - WELCOME SPEECH [MAIN ROOM]	
Mário Trelles António Lúcio Baptista	
SESSION 1 - MEDICAL LASERS OF THE FUTURE [MAIN ROOM]	LASER: THE CHALLENGE (09:10) António Lobo
Stephen Brown Luís Arnaut	LIGHT EMITTING FABRICS (LEF) FOR PHOTODYNAMIC THERAPY IN DERMATOLOGY (09:30) Serge Mordon
	OPTICAL FIBER TOOLS FOR MICRO MANIPULATION AND ANALYSIS OF SINGLE CELLS (09:50) Pedro Jorge
	DISCUSSION (10:10)
	COFFEE-BREAK AND VISIT TO EXHIBITORS (10:30)
SESSION 2 - MEDICAL AND SURGI- CAL LASER APPLICATIONS [MAIN ROOM]	DIFFERENT LASERS, DIFFERENT APPLICATIONS (11:00) Rafael Serena
Claudia Van der Lugt Kathrin Trelles	ER:YAG FACIAL RESURFACING OF DARK SKINS (11:20) Mário Trelles
	COMPLICATION IN LASER THERAPY (11:40) Mariano Velez
	A NON-INVASIVE LASER TREATMENT FOR SNORING - A NEW PARADIGM (12:00) Luís Côrte-Real
	VENOUS DISEASE TREATMENT - COMBINED TECHNIQUES (12:20) António Lúcio Bapstista
	DISCUSSION (12:40)

13:00 - 14:30 LUNCH AND VISIT TO EXHIBITORS

HOTEL CROWNE PLAZA

14:30 **OPENING CEREMONY** [MAIN ROOM]

KEYNOTE LECTURE - SIGNIFICANCE AND SYMBOLYSM OF LIGHT IN LIFE Konstadinos Siomos

Mário Trelles | Paula Ramôa

SESSION 3 - BIOLOGICAL FRON-TIERS FOR MEDICAL LASER APPLICATIONS (MAIN ROOM) BIOLOGICAL LASER-TISSUE INTERACTIONS - NEW FRONTIERS IN PHOTOMEDICINE (15:50)

Tom Lister

Isabel O'Neil Gaivão | Rafael Serena Joaquim Gabriel

TISSUE REGENERATION (16:10)

Paula Ramôa

DISCUSSION (16:30)

COFFEE-BREAK AND VISIT TO EXHIBITORS (16:45)

ORAL AND POSTER PRESENTATIONS (16:45 - 18:00)

SESSION 4 - CHALLENGES AND SOLUTIONS (MAIN ROOM)

NEW HORIZONS IN STRESS URINARY INCONTINENCE. VAGINAL AND INTRAURETHRAL LASER THERAPY [17:30]

Zdenko Vizintin

Vasant Oswal | Mário Vaz Renato Natal

OCT IN PDT AND LASER TREATMENT FOR SKIN LESIONS. THE NEED FOR A NEW DEVICE [17:50]

Carsten Philipp

NEW HIGHLIGHTS OF OPHTALMOLOGICAL SURGERY (18:10)

Olga Baum

LASER AND ROBOTICS [18:30]

António Lúcio Baptista | João Vilaça

OPEN LAB - PLASTICS AND AESTHETICS - ROOM 1

15:30 - **OPEN LAB**

Claudia Van der Lugt | Bruno Pinto Gonçalves | Joáo Vale | Pedro Alberto Santos

20:30 - CONGRESS DINNER

HOTEL CROWNE PLAZA

09:00 - 11:00 - **ELA EXECUTIVE MEETING** [ROOM 1]

SESSION 5 - PHOTODYNAMICS **AND CANCER (MAIN ROOM)**

Joana Espiga de Macedo | Serge Mordon | Mário Vaz

PHOTODYNAMIC THERAPY IN CANCER DIAGNOSIS AND TREATMENT

[09:00]

Stephen Brown

PDT IN NECK, HEAD AND ORAL CANCER [09:20]

Júlio Oliveira

PDT IN HEPATIC DISEASES (09:40)

Belarmino Gonçalves

DISCUSSION [10:10]

COFFEE-BREAK AND VISIT TO EXHIBITORS (10:30 - 11:00)

SESSION 6 - TEACHING AND CERTIFICATION IN LASER AND PHOTONICS (MAIN ROOM)

António Lobo | Orlando Monteiro | Miguel Guimaráes

TEACHING AND CERTIFICATION IN LASER AND PHOTONICS -AN ANALYTIC OVERVIEW [11:00]

Vasant Oswal

EUROPEAN FUNDING PROGRAMMES FOR HEALTH, RESEARCH AND **INNOVATION** [11:30]

José Manuel Fernandes

DISCUSSION [11:50]

SESSION 7 - STATE OF THE ART OF LASER THERAPY IN MEDICINE (MAIN ROOM)

GYNECOLOGY (12:00)

Amélia Almeida

VASCULAR SURGERY [12:40]

Paulo Correia

Ana Sobral | Mário Trelles

AESTHETIC SURGERY [12:10]

João Vale

DERMATOLOGY [12:50]

Fernando Guerra

PEDIATRIC SURGERY [12:20]

DENTISTRY [13:00]

Luis Monteiro

UROLOGY [12:30]

Victor Cavadas

DISCUSSION AND CLOSING

SESSION [13:10]



PLEASE NOTE THAT THE PROGRAM IS SUBJECT TO CHANGE AND WILL BE UPDATED CONTINUOSLY UP TO THE CONFERENCE



