

Report on the Photonics 4 Medicine – 6th LA&HA Symposium, Friday, May 20th 2016

The meeting focused on the use of lasers in medicine. Various laser applications in the fields of aesthetics, dermatology, surgery and gynaecology were presented to and by the end users.

The programme, speakers and topics were:

Plenary Session:

9:00 Welcome address

9:05 Z. Vizintin: TightSculpting - non invasive body contouring

9:17 L. Marini (Vizintin): FracTat: advanced laser tattoo removal strategy

9:29 M. Gambacciani: Erbium treatment of GSM in breast cancer survivors

9:41 S. Maestri: Treatment of SUI using digitally controled scanning handpiece G-Runner

9:53 I. Maden: LightWalker solutions to 30 clinical problems with advantages and benefits

Aesthetics, Dermatology and Surgery

10:17 T. Fujimoto: Get rid of eye bags with SMOOTH mode Er:YAG

10:29 W. Manuskiatti: Treatment of dilated pores with Er:YAG laser

10:41 M. Taylor: Fully ablative, multiple module combination laser resurfacing with SP Dynamis

10:53 V. Mysore: Treatments of scars using Er:YAG and Nd:YAG

11:05 -11:30 Coffee Break

11:30 J. Gaviria: Laser fractional non surgical blepharoplasty

11:42 J. Kozarev: Skin rejuvenation on ethnic skin

11:54 M. Taylor: Fotona SP Dynamis vs PDL for the treatment of port wine stains

12:06 Z. Vizintin: Use of LP KTP laser for treatment of cherry hemangioma

12:18 A. Troilius: Nd:YAG laser for vascular lesions

12:30 A. Bartram: Rosacea and vascular applications using Fotona SP Dynamis and QX MAX

12:42 M. Braun: From Softlight to the fastest most effective, 20 year experience in laser hair removal

12:54 V. Mysore: Efficacy of FRAC3 Nd:YAG mode for hair removal

13:06 N. Rygaloff: Hair removal - how to treat white hair

13:18 J. Kolodchenko: Laser treatment of onychomycosis - 5 years follow-up

13:30 M. Braun Frac 3 Laser Toning - incorporating FRAC3 into your injectable practice

13:42 M. Schulz Fractional Qs KTP for melasma

14:00 -15:20 Lunch Break

15:24 D. Kaliterna Fract. Qs laser for redness, acne and other facial treatments

15:36 P. Naranjo Compression window for QX MAX

15:48 J. Koch Smooth, Piano, FRAC3, Pixel - combinations

16:00 R. Gansel Dance of the cells

16:12 O. Tekeli Laser botox and fillers - how to combine them in a single session

16:24 I. Acosta Epidermal lichen planus treatment

16:36 S. Koltaj Er:YAG laser removal of peri-ocular lesions

16:48 J. Kozarev Percutaneous fractional laser treatment of primary axillary hiperhydrosis

17:00 A. Maletic Hyperhidrosis - long-term follow-up
17:12 Jayashree V. Laser lipolysis - Indian experience
17:24 D. Dovsak Snoring – pilot study with SMOOTH protocol

17:30 -18:30 Hands On / Meetings

Gynecology

15:00 Welcome address
15:05 U. Bizjak-Ogrinc: Laser treatment of pelvic floor dysfunctions (SUI and POP) - 3 years follow-up
15:20 A. Gaspar: Erbium Laser for the management of Genitourinary Syndrome of Menopause
15:35 J. Gaviria: Use of robotic vaginal probe G-Runner for various gynecology indications
15:50 S. Sencar: Erbium laser for labioplasty
16:05 J.P. Lee: Measurement of real vaginal pressure after IntimaLase treatment
16:20 A. Novakov-Mikic: SUI experience
16:35 E. de Wit: Erbium laser in gynecology - Australian experience
16:50 T. Erel: Laser treatment of SUI - Turkish experience
17:05 I. Fistonic: Prediction of Er:YAG laser treatment short-term efficacy on SUI in women
17:20 J. Gaviria: Vulvar whitening using Er:YAG and Nd:YAG lasers
17:35 J.P. Lee: Laser treatment of external hemorrhoids
17:50 A. Gaspar: TBD

18:05 -18:30 Hands On / Meetings

Summaries of all presentations will be freely available on the new LA&HA webpage (under construction). Summaries of a subset of presentations are published in the LA&HA Journal: LA&HA - Journal of the Laser and Health Academy, Volume 2016, Number 1, pp S01-S12, freely accessible at:

<http://www.laserandhealthacademy.com/en/journal/?issue=11&type=1>.

Lasers are used in diverse medical applications; in some fields lasers are already the state of the art (e.g. tattoo removal) and promising minimally invasive options in others (e.g. gynaecology). Industry should be informed by the needs and preferences of the end users when developing new laser applications.