MEDICAL
VOICE CENTER

BLUE LIGHT LASERS IN LARYNGOLOGY

HANDS-ON WORKSHOP

Friday, May 12, 2023
14:00 – 18:00
Saturday, May 13, 2023
8:30 – 17:30

WWW.MEVOC.DE

INTRODUCTION

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Dear colleagues,

surgical laser procedures for different kinds of laryngeal lesions have reached a high level in the standard of care. Operations can be performed with various kinds of lasers and during office-based procedures or during surgery under general anesthesia. In this hands-on workshop, we will demonstrate the potential of the blue light laser and compare it with other lasers.

Together with our faculty member Michal Zabrodsky from Motol University in Prague, we will present the potential that blue light lasers have for cutting as well as for photoangiolytic interventions. Lectures and demonstrations for typical applications, indications, and possible complications are presented and discussed with the attendees. Live surgeries in the office are another focus of our two-day workshop.

We are looking forward to your participation.
Welcome to Hamburg!

Markus M Hess, MD, PhD

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PROGRAM

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Day 1: Friday, May 12, 2023

14:00	Registration & Welcome
14:30	What we must know: laser safety; anesthesia in laryngeal laser surgery
15:00	Specific laser-tissue interactions; CO2 versus photoangiolytic lasers; thermal relaxation times; cutting properties; usefulness of 'pre-blackening'
15:45	– Coffee break –
16:00	Laryngeal laser surgery - how to approach the larynx (TOLS, flexible endoscopy, percutaneous); fiber guiding instrumentation; telescope guided endoscopic fiber laser surgery with blue laser (Campos' technique)
16:30	Laser surgery of benign vocal fold lesions – polyps, cysts, edema, granuloma, scars, papilloma, leukoplakia, biofilm, angioma, capillaries & vessels
17:30	– Coffee break –
18:00	Treatment of Reinke's edema in GA and in the office: techniques and energy settings
18:30	- end of day 1 –
19:30	Get-together at Poletto's Winebar

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PROGRAM

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Day 2: Saturday, May 13, 2023

8:30	Blue laser indications: vocal fold and ventricular fold mass reduction; partial arytenoidectomy; laryngoceles; large granuloma; synechia of anterior commissure; new approach for percutaneous fiber delivery
10:00	– Coffee break –
10:15	RRP – coagulation, carbonisation or ablation? Settings and effects; when surgery in the office and when in GA? RRP in the anterior commissure
10:45	**Live surgery**: Office-based treatment with fiber guided transnasal blue laser
12:00	– Lunch break –
12:30	**Hands-on training**: (small groups changing stations) Surgical training of laser tissue interaction with different lasers; hands-on trial of color/absorption effects; laser settings and energy delivery effects; cutting with blue lasers; hands-on lab training with channeled fiberoptics; fiber glass handling; pre-blackening effects
15:30	– Coffee break –
16:00	Premalignant dysplasia tumor surgery: laser surgery and margins
16:15	Special cases: selective photoangiolysis in professional singers; lasers for pitch raising surgery (LAVA, vocal fold mass reduction, epithelial 'tightening'); photoangiolytic lasers for treatment of dysplasia; role of NBI
16:45	Pitfalls & complications with blue light laser surgery
17:00	General discussion, evaluation, certificates, closing remarks
17:30	Adjourn

GENERAL INFORMATION

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Target Group:

ENT surgeons, laryngologists who want to expand their phonosurgical skills

Workshop Fee:

1.500 €
ELS members: 10% discount

Registration:

Please contact
Susanne Fleischer, MD
E-Mail: contact@mevoc.de

Limited number of participants.

WE ARE LOOKING FORWARD TO SEEING YOU

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Michal Zabrodsky, MD, PhD, Motol University Clinic, Prague
Markus M. Hess, MD, PhD, MEDICAL VOICE CENTER

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Content:

Lectures, demonstrations, live-surgery, hands-on sessions, comparison of lasers, laser surgery in general anesthesia.

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Location:

MEDICAL VOICE CENTER
(located in the building "Spectrum")
Entrance B, 5th floor
Martinistraße 64 · 20251 Hamburg
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Google Maps