

CERTIFICATE

OF APPRECIATION

Presented to

Frank Lothar

This certificate confirms that the course “SomnoMed Academy Masterclass DentalSleep” which includes an overview of OSA, MAD knowledge, and therapy application. The person mentioned must fulfill the requirements continuously and demonstrate their skills during the validity of this certificate.



No. 218-824DE

2026-06-12/13

Date

Wubbien Kliphuis

Wubbien Kliphuis

Marketing Director
SomnoMed Europe

Marco van Kleef

Marco van Kleef

President
SomnoMed Europe

First certification: 2026-06-13

Valid until: 2028-06-13

Training and mentoring session on the theoretical and practical aspects of DSM.

Treiners: Prof. Dr. med. Kurt Tschopp; Univ. Prof. Dr. med. Christoph Schöbel; Dr. med. Dent. Urs Christoph Keller; Dr. med. Dr. Dent. PhD Robert Ilesan

Programm:

Module 1 – Webinar (Theoretical Foundations)

Prof. Dr. med. Kurt Tschopp

Basics of Sleep Medicine – Physiology & Pathophysiology (60 minutes)

- Fundamentals of sleep medicine
- Physiology and pathophysiology of sleep
- Obstructive sleep apnoea as a significant health condition
- Neurocognitive and cardiovascular consequences
- Diagnostic challenges and variability of the Apnoea-Hypopnoea Index (AHI)
- Importance of identifying the individual causes of OSA

Overview of Different Treatment Options (45 minutes)

- Overview of CPAP and non-CPAP treatment options
- Current evidence and clinical studies
- Current guidelines and treatment recommendations
- Individualised treatment approaches
- Shared decision-making to improve patient acceptance and treatment adherence

Univ.-Prof. Dr. med. Christoph Schöbel

Diagnostics in Sleep Medicine

- Current diagnostic methods
- Specifications and differences between diagnostic techniques
- Emerging diagnostic approaches
- Interpretation and understanding of relevant diagnostic parameters
- Current evidence and clinical significance of diagnostic findings

Dr. med. dent. Urs Christoph Keller

Dental Sleep Medicine and Mandibular Advancement Device (MAD) Therapy

- Terminology and fundamental concepts
- Historical development
- Design and mechanism of action of mandibular advancement devices (MADs)
- Swiss reimbursement aspects (KVG and MiGeL)
- Patient pathway to MAD therapy
- Follow-up care and patient management
- Benefits, treatment success criteria and long-term outcomes

Module 2 – Practical Hands-on Training at Lucerne Cantonal Hospital (LUKS)

Dr. med. dent. Urs Christoph Keller

Advanced Training and Practical Implementation of Module 1

- Key terminology and concepts
- Historical background
- Mandibular advancement device (MAD) therapy
- Swiss reimbursement framework (KVG and MiGeL)
- Patient pathway from diagnosis to treatment
- Follow-up care
- Evaluation of treatment success and outcome assessment

Dr. med. Dr. med. dent. Robert Radu Ilesan, Ph.D.

Maxillomandibular Advancement (MMA Surgery)

- Surgical treatment options for obstructive sleep apnoea
- Overview of different surgical procedures
- Clinical case presentations
- Future perspectives in surgical sleep medicine
- 3D treatment planning and the use of artificial intelligence in oral and maxillofacial surgery

SomGauge Training / Hands-on Workshop

Practical exercises at the dental chair:

- Intraoral scanning in pairs
- Bite registration procedures and evaluation
- Practical application of the techniques learned
- Discussion of common clinical challenges encountered in daily practice

Module 3 – Individual Practice and Clinical Training

Following the course, each participant receives personalised training directly in their own dental practice or clinic.

Training Content

- Advanced bite registration techniques
- Practical implementation on a patient or a selected test subject
- Product training on the different MAD systems
- Indications and specifications of the various appliances
- Setup and training on the SomAccount online platform
- Integration of clinical workflows into daily practice

Development outcome: Further development and maintenance of knowledge and skill within field of practice.

Total hours of training: 16 hours.

Luzerner Kantonsspital, Standort Luzern, Kantonsspital 37, 6004 Luzern