

Saturday 16 September 2023

The Dolder Grand, Zurich, Switzerland
www.orthodonticsymposia.ch

ORTHODONTIC
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Aerosol in dentistry: hazards and management for the patient and operator



WELCOME

Being the first systemized source of clinical evidence on the topic, the symposium introduces the participant to materials, engineering, dental and biological considerations of aerosol production during routine dental practice, by considering the composition of the aerosol produced and the wide arrays of its effects in various organs, systems and the homeostasis of the organism.

Within the scope of these axes, a wide variety of topics are analyzed, such as spreading of aerosol with the use of high speed or low speed handpieces in wet and dry conditions, nanoparticle characterization in aerosol, airborne bacteria during grinding and ways to manage them, pulmonary/respiratory stress and distribution of the particulates in the respiratory system, xeno-estrogenic action of ground polymers, ways to efficient debond brackets, guidelines for proper, lingual fixed retainer bonding and the future of materials in the field which may offer programmed debonding by introducing temperature variations, irradiation, expandable fillers, and magnets among others.

The analysis of the evidence on the topic along with the illustrated case material, assist the participant in formulating principles of management of the entire spectrum of challenges encountered in everyday dental practice.

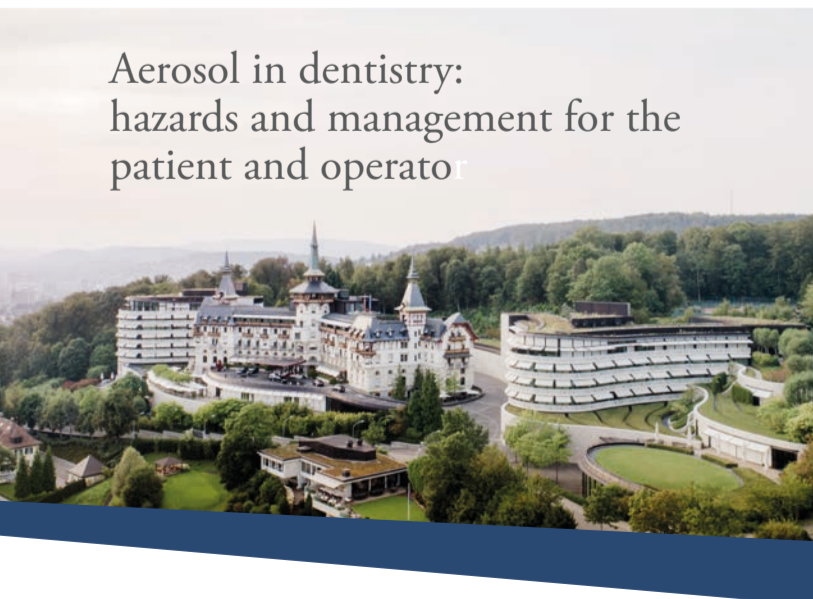
Theodore Eliades

Christos Katsaros

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Veronika Thalmann & Partner GmbH
Wildhainweg 16
CH-3012 Bern

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8:30 Opening of the registration

9:00 Introduction **Theodore Eliades****SESSION I. COMPOSITES AND GRINDING**9:05 **Nikolaos Silikas** (Manchester, UK): Composites-what are we grinding off9:35 **Despina Koletsis** (Zurich, Switzerland): Particulate composition of aerosol10:00 **Sotirios Pratsinis** (Zurich, Switzerland): Aerosol Nanoparticles: Engineering Perspective

10:30 Coffee break

SESSION II. AEROSOL11:00 **Kirsten Van Landuyt** (Leuven, Belgium): Aerosol, production under dry and wet grinding11:30 **Mark Gormley** (Bristol, UK): Aerosol generation in clinical settings and pulmonary effects of aerosol12:00 **Georgios Belibasakis** (Stockholm, Sweden): Aerosols generated during dental procedures: microorganisms and risks

12:30 Lunch break

13:30 **Dimitris Kletsas** (Athens, Greece): Xenostreogenic action of aerosol14:00 **Peter Suter** (Luzern, Switzerland): Guidelines and practicing in the demanding modern environment**SESSION III. ORTHODONTIC DEBONDING**14:30 **Carlalberta Verna** (Basel, Switzerland): Debonding light inspection

15:00 Coffee break

15:30 **Theodore Eliades** (Zurich, Switzerland): Debonding with new materials and new techniques: command-debond and methods to minimize grinding of adhesives16:00 **Christos Katsaros** (Bern, Switzerland): Fixed mandibular retainers: long-term retentive ability, failure rate and periodontal implications16:30 **General Discussion**

17:00 End

INFORMATION

Price	General: CHF 530, Postgraduate Students: CHF 250
Venue	Dolder-Grand, Kurhausstrasse 65, CH-8032 Zurich www.thedoldergrand.com
Access	www.thedoldergrand.com/directions
Registration End	Monday 11 th September 2023, after this date it is only possible to register on-site.
Cancellation	All registrations are considered definitive. All cancellation before the 11 th September 2023 lead to administration fee of CHF 100. After this date the full registration amount will be due.
Bank details	Bank EEK AG, CH-3001 BERN IBAN CH65 0839 4045 0746 9310 8, Clearing 8394, Swift EEKBCH22 On behalf of Veronika Thalmann & Partner GmbH, ORTHO-PERIO 2023
Credited hours	The participation gives right to 6 hours of continued education.
Hotel reservations	https://www.thedoldergrand.com/directions/
Tel. during the symposium	+41 79 949 26 15
Photography	Photos taken during the symposium may be used for publicity purposes
Organisation	Veronika Thalmann & Partner GmbH, Wildhainweg 16, CH-3012 Bern c.aquilini@veronikathalmann.ch, Telephone +41 31 382 20 00

REGISTRATION

Ms. Mr General: CHF 530 Postgraduate Students: CHF 250

Title

First name

Last name

Firm

University

Department

P.O. Box

Street, Nr

Postal code, Town

Tel.

E-Mail

I hereby accept the terms and conditions as stated in the «Information».

Date

Signature