



editorial

Laser **application** in modern dentistry 03
Prof. Dr Norbert Gutknecht

research

Reducing **microleakage** with Er,Cr:YSGG and/or Nd:YAG lasers 06
Drs Mina Mazandarani, Maziar Mir, Masoud Shabani & Prof. Norbert Gutknecht

Innovative endodontics using **SWEEPS** technology 12
Drs Giovanni Olivi, Linhlan Nguyen, Matteo Olivi & Jason Pang

case report

Photo-biomodulation with a 970 nm wavelength laser 20
Drs Tony Cheuk Kit Lee & Kenneth Luk

practice management

Practice **strategies** in the age of corona 22
Dr Anna Maria Yiannikos

interview

Laser-assisted prophylaxis around zirconia implants 24

events

Master of Science course “**Lasers in Dentistry**” offered again 28

Diagnostics, implants, bone and tissue 29

news

manufacturer news 30

news 32

about the publisher

imprint 34

Cover image:
© Zinetron – stock.adobe.com





M.Sc. Lasers in Dentistry

Specialist in dental laser therapies

Next Start: **20th October 2020** | Aachen, Germany | 4 semesters

Due to the current situation we offer a unique fee reduction to all Mastership graduates of AALZ and RWTH Aachen University.

Aachen Dental Laser Center - AALZ
Pauwelsstraße 17 | 52074 Aachen | Germany
phone +49241 47 57 13 10 | fax +49 241 47 57 13 29
info@aalz.de
www.aalz.de

RWTH International Academy
Kackertstraße 10 | 52072 Aachen | Germany
phone +49 241 80 23543 | fax +49 241 80 92525
info@academy.rwth-aachen.de
www.academy.rwth-aachen.de



Aachen Dental Laser Center

**INTERNATIONAL
ACADEMY**

**RWTHAACHEN
UNIVERSITY**

PROFESSIONAL EDUCATION PROGRAMMES

Your contact for more information: Leon Vanweersch • vanweersch@aalz.de - www.aalz.de