



COMPREHENSIVE LASER ONLINE COURSE

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Strategic Partner

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ABOUT US

a2z Dental offers you a powerful new way to learn online. Every course has been designed according to principles of effective learning, through brainstorming sessions, discussion, and visible learning. The interactive session with our tutors and knowledge attained will help you build professionally in your career. a2z Dental handpicks the best of tutor talent in the country and displays a wide range of courses to suit the demands of the dentist. Dentistry Concepts are learned best when we share and debate ideas with fellow learners, to understand their different experiences and perspectives, and to fill the gaps in our own knowledge

WE CULTIVATE
GREATNESS BY
CREATING THE BEST
LEARNING
ENVIRONMENT.

GUMSOPOLIS™
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Indian Dentist
Research & Review

PARTNERS

GUMSOPOLIS- STRATEGIC PARTNER

Gumsopolis is the trusted partner for education and learning. Fulfilling the demand for people to learn on their own terms, Gumsopolis is reimagining the possibilities of education, providing the highest-quality, stackable learning experiences.

AIOI- AFFILIATE PARTNER

AIOI is an international non-profit scientific institution dedicated to teaching and multidisciplinary dental training. It was founded in 1992, in Lima, Peru, by Dr. Mariano Flores Rubio. AIOI conducts annual and global scientific activities every three years. The India Chapter will organise continuing Education Programs across India.

IDRR- AFFILIATE PARTNER

Started in 1998 by Dr. Sibi Xavier and Dr. Honey Sibi, Indian Dentist Research and Review, popularly known as IDRR, reaches more than 45000 dental professionals.



Our Speaker

Prof . Dr. Mallika Sethi Rishi
MDS, FICD, FAOI, FAIOI, MLD (Vienna)



Dr. Mallika Sethi graduated from Rajiv Gandhi University of Health Sciences (RGUHS), Karnataka and thereafter completed her postgraduation in the field of Periodontics. She is a Visiting Professor (Periodontology) at Universitat Jaume I, Castellon University, Spain.

She has been a distinction holder throughout her career. She has completed her Mastership and Diploma in Laser Dentistry by Society for Oral Laser Applications, (SOLA India and International) affiliated to University of Vienna.. She has also completed 75 hours of theoretical and patient treatment with rehabilitation module in Comprehensive Implantology Program (ICOI) certified by University of Murcia Spain. She has been awarded with the prestigious Fellowship of International College of Dentist (FICD) at the International College of Dentist conference,2018.She has been awarded with the prestigious Fellowship of Academy of Oral Implantology (FAOI) at the 9thInternational Congress of Oral Implantology, New Delhi. She has recently received the prestigious Fellowship of theAcademia International De Odontologia Integral (FAIOI) 2020.

Dr Mallika has received numerous awards during her chequered career. She has been awarded "Academician of the year 2020", FAMDENT EXCELLENCE IN DENTISTRY AWARD in the category "SPECIALIST DENTIST OF THE YEAR 2019 as Periodontist of the Year. She has also received the "Dental speaker of the year 2019" , Indian Dental Diva Award 2019 for : LASER DENTAL SPECIALIST OF THE YEAR(Runner up)", the" Golden Tooth Award 2018" for The Talented dentist 2018. Dr Mallika has also been conferred consecutively with the "Award of excellence"committed to Dental excellence 2016 and 2017. She has also been Electedas representative to U.P State Executive 2019-2020.



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Dr Mallika deliberates on Lasers and topics related to Periodontology and has been a Guest Speaker in prestigious conferences at both national (IDC 2019, ISDR 2018, ICD 2018 etc) and international platforms. She has also conducted workshops and live surgeries on Lasers.

She was an invited Keynote speaker and conducted workshop on lasers at the International symposium on Academic Based Clinical Dentistry at Dhaka Bangladesh. She has also deliberated in the International conference on Dental and Oral health, held in Dubai (UAE) as a Keynote speaker. She is a member of various scientific and professional societies viz. Indian Society of Periodontology (ISP), International Association for Dental Research (IADR), Society for Oral Laser Application (SOLA), Academy of Oral Implantology (AOI), Indian Dental Association (IDA), AIOI (International association of Interdisciplinary Dentistry)

An alumni of Delhi Public School R.K Puramshe has been actively involved as Master of Ceremony at various National and International conferences.



Course Outline

It is a comprehensive laser course encompassing an understanding of the basic principles of laser physics, its safety concerns associated with laser utilization and its applications in dentistry.

The course will comprise of didactic lectures, demonstration of Laser equipment and practical training intended to give the participants an understanding of the principles of laser use to be incorporated in their clinical practice.



Course Highlights

- 03-day certificate course with maximum 20 participants
- Certification from prestigious INTERNATIONAL ASSOCIATION OF INTERDISCIPLINARY DENTISTRY (AIOI)
- 01 Year Membership Enrollment with AIOI complimentary worth INR 1800
- 01 Year E-Journal Subscription with Indian Dentist Research & Review (IDRR)
- Didactic lectures, demonstration and practical training on chicken pieces
- Impart in-depth knowledge about the practice of laser dentistry: what a clinician should
- Case based discussion with incorporation of videos
- An MCQ Exam will be conducted at the end of the course



Who Should Enroll?

- Minimum qualification of BDS or Equivalent from a recognized institution from India/overseas.
- Any Dentist (PG's, Academicians, Pvt. Practitioners) who would like to upgrade to laser dentistry
- Dentist Associated with Teaching Institutions



Registration Fee

Early Bird Offer: INR 8,950

Normal Fee: 10,950

- Early Bird Offer Ends: 05th July 2020
- We accept payments through netbanking, debit and credit cards
- 20% Off on our next course



Course Syllabus

DIDACTIC LECTURES

A. Fundamentals of lasers

1. Biologic Rationale
2. Basic laser science
3. Laser delivery systems
4. Laser energy and tissue temperature
5. Laser emission modes
6. Laser tissue interactions
7. Laser wavelengths used in dentistry
8. Laser Safety



Course Syllabus

Clinical Applications of Lasers

1. Non –surgical therapy:

Treatment of Periodontal pockets

LANAP (Laser assisted new attachment procedure)

2. Treatment of dentinal hypersensitivity

3. Soft tissue surgeries

a) Gingivectomy, Gingivoplasty

b) Frenectomy

c) Depigmentation

d) Operculectomy

4. Laser assisted flap surgery

5. Endo-perio lesions

6. Laser assisted Lateral pedicle flap (LALPF)

7. Laser in Implants

a) Peri-implantitis

b) Uncovering of implants (second stage surgery)



Course Syllabus

8. Laser degranulation of intrabony defects
9. Biostimulation
10. Treatment of gummy smile
 - a) Crown lengthening
11. Lip repositioning surgery
12. Lip depigmentation
13. Laser bleaching
14. Laser for disinfection and sterilization of canals
15. Treatment of oral sub-mucous fibrosis
16. Management of TMJ Disorders
17. Treatment of oral lesions
 - a) Mucocele
 - b) Hemangioma
 - c) Fibroma
 - d) Lichen planus
 - e) Leukoplakia
 - f) Aphthous ulcers
18. Removal of mole on the skin
19. Photodynamic therapy
20. Application of Lasers in other specialities
21. Case Gallery with videos



Course Syllabus

C. Low Level laser therapy

1. Basic mechanism
2. Clinical applications
3. Pain therapy and its application in different field of dentistry
4. Safety measures

D. Evaluating Dental Lasers: What the clinician should know?

E. Evidence based Laser Dentistry

F. Future directions

PRACTICAL SESSIONS

A. Demonstration and online Practical training
(Chickenpieces)

1. Learn about the laser machine, power settings and maintenance
2. Learn Techniques viz: depigmentation, crown lengthening, frenectomy, pocket debridement
3. Learn the concept of laser bleaching.



Learning Outcome

- Have an in-depth knowledge about laser physics, laser emission modes, laser tissue interactions
- Have an understanding of different laser wavelengths used in dentistry
- Understanding the principles of low-level laser therapy/Bio stimulation
- Knowledge about the various wavelengths and its applications in dentistry
- Becoming well versed with demonstration-based learning to develop confidence in daily practice
- Gaining knowledge about the dental laser safety and incorporating in dental practice
- Learning to practise evidence-based dentistry



Certification & Panel Discussion

CERTIFICATION:

- Participants will receive Certificate of Completion from International Association of Interdisciplinary dentistry (AIOD) at the end of the course.
- Q & A SESSION/PANEL DISCUSSION /CASE DISCUSSION