

# FELLOWSHIP PROGRAM

## Cone Beam CT

Covering the training requirements for Basic Knowledge of CBCT in Dental Clinical Practice .

## London Academy of Dentistry

The modules include a mix of didactic lecturing, recorded practical exercises (that attendees will carry out at their own practices) and peer discussion on Slack.

THE WHOLE PROGRAM ON

**Virtual  
Class room**

Admission is open for  
2023 batches

LONDON  
ACADEMY OF  
DENTISTRY



# THE COURSE OUTLINE



Prof. Dr. M. Patait BDS MDS DHM PhD

## MODULE -1

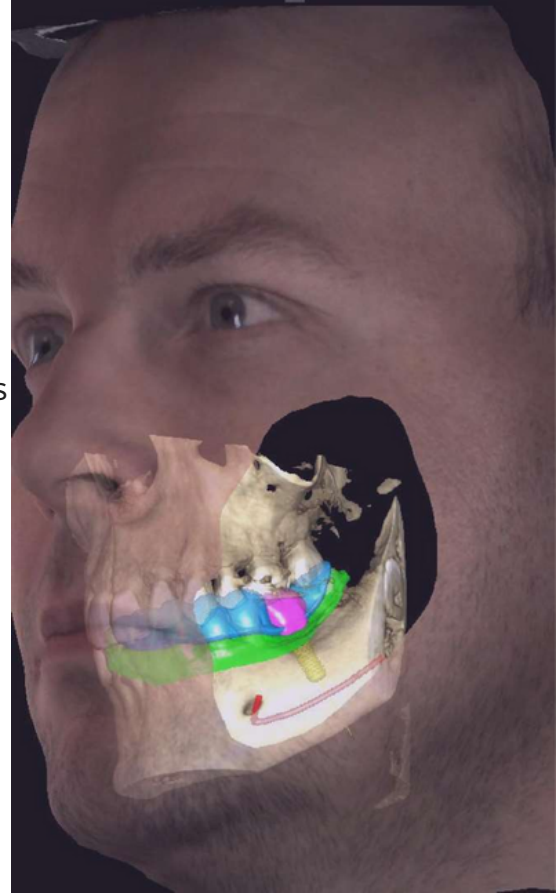
- How to set up and read CBCT scans

## MODULE -2

- Radiation Physics in Relation to CBCT
- Radiation Protection in Relation to CBCT
- Apparatus and Equipment
- CBCT Image Acquisition and Processing
- Regulations relating to CBCT
- Principles of CBCT imaging
- The difference between 2D and 3D Imaging
- Selection Criteria
- CBCT Reporting

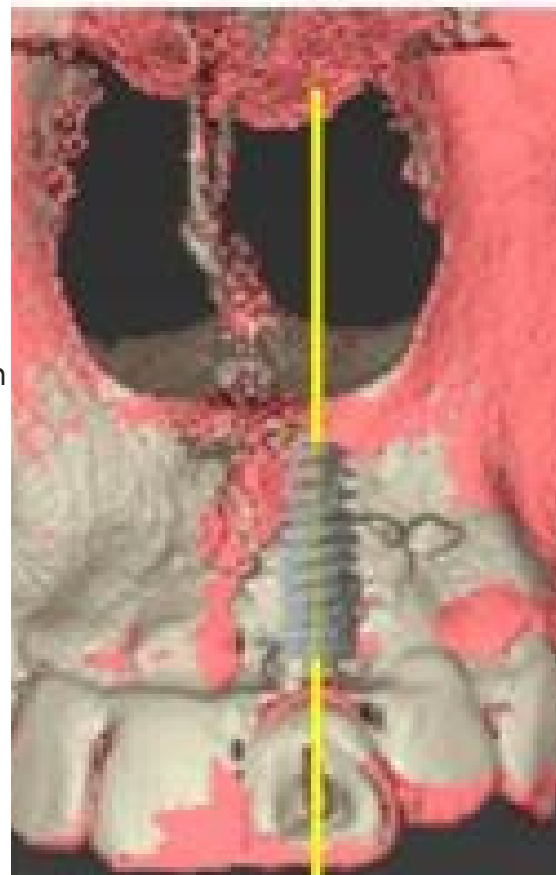
# MODULE -3

- Explore CBCT of the mandible and surrounding structures in relation to implant dentistry.
- Anatomy
- Relevant pathology
- Implant planning considerations
- Downloading and viewing the provided scan of the mandible,
- Q&A
- Sharing the results on the Slack platform
- Carry out a report of the scan using the provided template
- Candidate to provide a provisional treatment plan including suggested implant size.



# MODULE -4

- Explore CBCT of the maxilla and surrounding structures in relation to implant dentistry.
- Anatomy
- Relevant pathology
- Implant planning considerations
- Downloading and viewing the provided scan of the maxilla,
- Q&A
- Sharing the results on the Slack platform
- Carry out a report of the scan using the provided template
- Candidate to provide a provisional treatment plan including suggested implant size.



# MODULE -5

- Downloading B N B Implant Planning
- Importing the scan files provided -CBCT and STL and using the tutorial to plan implants.
- How to utilise CBCT in implant planning
- Manipulation of DICOM files
- Setting up a CBCT scan Software to read CBCT scans Using STL files
- Basic 3D implant planning Introduction to guided surgery



# MODULE -6

- Conclusion and wrap up week
- Live sessions
- Demonstrations



About the trainer: **Prof.Dr. M. Patait BDS MDS DHM PhD**

An enthusiastic, dynamic Digital Cone Beam CT Dentistry Specialist having excellent research potential. Trained in Germany and Appointed as Certified Cone Beam CT Trainer, By Sirona Dental Imaging Academy, Bernstein, including Training part as Galileo's, Orthophose, XG 3D /SL 3D, Sidexis, Sicate Air, Sicate Function and Advance training in Sidexis 4, Xios Scan, In-depth Exploration On Integrated Implantology. In Taiwan, Trained In real Time imaging guided Surgery, at Kwashings Scientific Center and Certified Expert in "3D PRINTING, MSME" Govt of India., Experienced in Navident, Navigation Imaging guided Implant, By Clavinov, Canada. Expertise in working with Sirona Cerec, XG 3d Dental software, CERAC CAD CAM Software, Nobel Clinicians, Exocad, Meshmixer and Planmeca- Romexis software,

**Send the following to  
secretary@londonacademyofdentistry.co.uk**

- Scanned copy of Dental Degree Certificate
- Scanned copy of Dental Practice License
- Head Shot Photo soft-copy
- First and Last Pages of Passport

#### **The Fees**

- Total Fees for the Course is £ 350
- Register by paying £ 100
- Pay the balance before the first online class

**Or Register online**

**[www.londonacademyofdentistry.co.uk](http://www.londonacademyofdentistry.co.uk)**

**HOW  
TO  
REGISTER**