



Value Added

CERTIFICATION COURSE ON

OBSTRUCTIVE SLEEP APNEA



Date:

Department Of Orthodontics and Dentofacial Orthopedics

Venue: *Teerthanker Mahaveer Dental College and Research Centre, Moradabad (U.P)*

Course duration: *Course will be conducted for 6 days for 7 hours per day*

Chief Patron



*Shri Suresh Jain
Hon. Chancellor*



*Shri Manish Jain
Group Vice Chairman*



*Shri Akshat Jain
Esteemed Member, TMU Society*

Adviser



*Dr. Manjula Jain
Associate Dean - Academics*

Course Director



*Prof. (Dr.) Manish Goyal
Principal, TMDCRC*



*Prof. (Dr.) Mukesh Kumar
TMDCRC*

Course Coordinators



*Dr. Shikha Sangal
TMDCRC*



*Dr. Ekta Yadav
TMDCRC*

Course supervisors

Department Of ENT: Dr.Probal Chatterje [H.O.D]

Department Of Radiology: Dr.Satish Pathak [H.O.D]

Department of Pulmonary Medicine: Dr.Mazhar Maqsood [H.O.D]

Department Of Oral Pathology: Dr.Meghanand T.Nayak [H.O.D]

Contributors

Dr.Surbhi Kaushik, Dr.Haripriya Nongthombam,
Dr.Parul Priya Dr.Tanisha Singh
Dr.Shivangi, Dr.Asmat Jahan, Dr.Sugandha Sharma
Dr.Aditi Sharma, Dr.Rishabh Sharma

Technical support

Mr.Lokesh Kumar: Biomedical (Dental) Incharge
Mr.Yogesh: LT Operator
Mr.Chitrasen, Mr. Rajeev: Cameraman
Mr. Bhatia: Broadcasting Incharge

Helpers

Mr.Gautam Kumar
Mr. Mohan Saini

Module Timings

1st Shift: 9AM -1PM
Lunch: 1PM-2PM
2nd Shift-2PM-4PM

Course Outline/Modules

Day 1: Lectures

What will you learn?

- *What is obstructive sleep apnea (OSA)*
- *Signs and symptoms of OSA*
- *Screening and examinations of patients*
- *Knowledge about the inter-disciplinary approach for making final diagnosis and treatment modalities for OSA patient.*

Day 2: Visit to Department of orthodontics and Dentofacial orthopedics

What will you learn?

- *Clinical examination and demonstration*
- *Screening test through various questionnaire*
- *Discussions on:*
 1. *Bite problem associated with OSA*
 2. *TMJ disorders associated with OSA*
 3. *Various oral appliances associated with correction of OSA*

Day 3: Visit to Department of ENT and Radiology

Department of ENT

What will you learn?

- *Knowledge about:*
 1. *Anatomy of throat along with clinical implications.*
 2. *Various chair side test to check the nasal patency*
- *Examination of obstructed nasal respiration*
- *Knowledge about various clinical problems like Deviated nasal septum (DNS), Tonsil, Adenoids.*

Department of Radiology

What will you learn?

- *Educated about CT scans which include its precision and advantages over other radiological approaches for diagnosis of OSA.*
- *Knowledge about components and operatibility of CT scan machine and MRI machine.*
- *Performance of various slicing MRI to get access and accuracy about various parts involved in OSA*

Day 4: Visit to Department of Pulmonary medicine

What will you learn?

- *Knowledge about Polysomnography*
- *Performance of pulmonary function test (Spirometry)*
- *Knowledge about CPAP (Continuous pulmonary airway pressure) machine and components.*
- *Conduction of CPAP.*

Day 5: Visit to Department of Pathology

What will you learn?

- *Knowledge about various test like blood profile, lipid test, thyroid test, kidney function test*
- *Conduction of all above mentioned test.*

Day 6: Visit to Department of orthodontics and Dentofacial Orthopedics

What will you learn?

- *Utilization of knowledge provided in the lecture on OSA*
- *Discussion on various treatment modalities.*
- *Finalization of the best treatment approach for the patient*
- *Delivery of the orthodontic appliance*