



NITTE
(Deemed to be University)

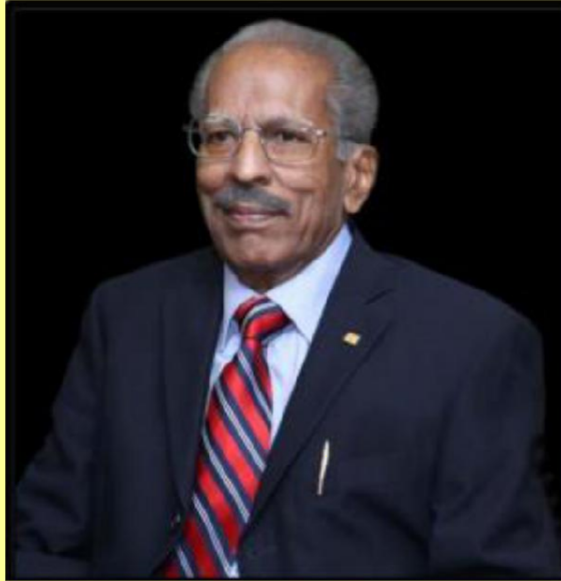
**A B SHETTY MEMORIAL
INSTITUTE OF DENTAL SCIENCES**

(Under section 3 of UGC Act, 1956 – Placed under the category 'A' by MHRD, Govt. of India and NAAC)

**DEPARTMENT OF PROSTHODONTICS AND CROWN & BRIDGE
AND ORAL IMPLANTOLOGY**



**CLINICAL TRAINING PROGRAMME IN MANAGEMENT OF
TEMPOROMANDIBULAR DISORDERS**



“Present-day students are tomorrow’s teachers and there is a need to update them on the basic principles, as they have the great responsibility to pass this knowledge to their students”

**Prof. (Dr.) E. G. R. Solomon. MDS.,
Dr. Med dent (Germany), FDS – RCPS (Glasg).
03.10.1937 - 16.09.2017**

Management of Temporomandibular dysfunction contrary to general thinking would be relatively simple if one understands the function and pathophysiology leading to the disorder. This programme pivots around the examination, interpretation of various signs and symptoms, diagnosis, and evidence-based approach to current trends in the management of TMD. It also provides insight into the study of occlusion, biomechanics of centric relation, mandibular movements, and their influence on maintaining the harmony of the Stomatognathic System. It includes hands-on exercises in making centric and eccentric relation records, programming articulators, identifying occlusal interferences, prescription, and interpreting imaging modalities, delivery of physical therapy, making occlusal splints, and other conservative treatment modalities in the management of Temporomandibular disorders.

PROGRAMME OBJECTIVES:

- Understanding of Functional Anatomy and Pathophysiology of Temporomandibular Disorders.
- To develop skills in Examination, Evaluation, and Treatment Planning of Temporomandibular Disorders.
- To familiarize with imaging modalities.
- To update with actuating of face bow and to employ programming of Semi Adjustable Articulators.
- To get acquainted with the knowledge of Physical therapy modalities.
- To get trained in the fabrication and use of Oral Appliances

PROGRAMME OUTLINE

Lecture: Series of lectures will be conducted on an understanding of Functional Anatomy, diagnosing and treatment planning of Pathophysiology of Temporomandibular disorders, biomechanics of the Stomatognathic system, face bow, articulators, and acquiring knowledge about the physical therapy modalities and fabrication and clinical utilization of oral Appliances.

Hands-on: Practical hands-on use of various types of Face Bow along with transfer of Orientation Relation and Programming as well as the use of different types of Semi Adjustable Articulators. Use of TSCAN. Recording of centric relation position and identifying occlusal interferences, Examination and diagnosing of Temporomandibular disorders, fabrication of stabilizing and anterior repositioning splints.

SCOPE & LEARNING OUTCOME:

- Understand Pathophysiology of Temporomandibular Disorders.
- Able to arrive at tentative Diagnosis of temporomandibular disorders
- Will be able to prescribe appropriate imaging modalities
- Will be able to use Face Bow and program the Semi- Adjustable articulators
- Will be able to prescribe appropriate treatment modality,
- Will be able to understand and evaluation of Occlusion.

PROGRAMME CONTENTS

LECTURES

1. Functional Anatomy and Biomechanics
2. Etiology of Temporomandibular Disorders
3. Masticatory muscle disorders
4. Intra capsular disorders
5. Occlusion and its significance in TMD
6. Evaluation of Occlusion
7. Occlusal interference and equilibration
10. History and Examination of TMD
11. Introduction, Importance, and programming of the semi-adjustable articulator
12. Transfer of Orientation relation
13. Recording of Centric Relation
14. Physical therapy in treating TMD
15. Occlusal appliance therapy

DEMONSTRATIONS AND HANDS-ON CLINICAL EXERCISES

1. Recording of orientation relation
2. Mounting of the maxillary and mandibular cast on a semi-adjustable articulator
3. Programming of semi-adjustable Articulator
4. TSCAN & Evaluation of occlusion
5. Preparation and use of Lucia Jig
6. Recording of centric relation using Lucia Jig
7. Recording centric relation using Bimanual Manipulation Technique
10. Mounting of the mandibular cast in centric relation
11. Identification of occlusal interferences
12. Examination and evaluation of TMD case
13. Evaluation of TMJ imaging
14. Making of centric stabilization occlusal appliance
15. Delivering physical therapy modalities
16. Making of anterior repositioning appliance

*** Participants will be provided with Materials, Instruments, and Semi Adjustable articulators to work with.**

FACULTY

Institutional Head : Prof. (Dr.) U.S. Krishna Nayak, Principal/ Dean,
AB Shetty Memorial Institute of Dental Sciences

Programme Director : Dr. Chethan Hegde
Prof. & Head, Dept. of Prosthodontics and Crown & bridge

Programme advisor : Prof. (Dr.) N Sridhar Shetty
Director C.A.D.S.S

Prof. (Dr.) Manoj Shetty

Prof. (Dr.) Krishna Prasad D.

Prof. (Dr.) Rakshith Hegde

Dr. Sowmya M.K.

Dr. Shilpa Dandekeri

Dr. Bharathraj Shetty

Dr. Anupama Prasad D.

Dr. Aashritha Shenava

Dr. Nirupama R.

Dr. Sajni Rai

Dr. Ganaraj Shetty

Dr. Lakshmi Ramesh

Dr. Nivya

Dr. Athma Shetty

Dr. Shrinidhi Jain

Dr. Shipha Hegde

Dr. Rahul P

PROGRAMME DETAILS:

Duration : 2 Days
Eligibility : Dental Surgeons with B.D.S. /M.D.S. Degree
No. of Admission : 20
Method of Teaching : Tutorials
Demonstration
Hands-on Clinical Exercises.

PROGRAMME FEE : 8,000/- INR

ACCOUNT DETAILS:

ACCOUNT NAME: ABSMIDS NU
ACCOUNT NO: 02452200031420
RTGS/IFSC CODE: CNRB0010245
CANARA BANK
ABSMIDS BRANCH

Programme Coordinator: Dr. Ganaraj Shetty

Contact : +91- 9880541104

Email id: tmdcertificate@nitte.edu.in

Date of Commencement of Programme: 4th And 5th August 2022

Last Date of Registration: 1st August 2022