



ANIL NEERUKONDA INSTITUTE OF DENTAL SCIENCES

Sangivalasa, Visakhapatnam, Andhra Pradesh

COURSE OUTCOMES (CO)

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

MDS:

The training programme in Orthodontics is to structure and achieve the following four objectives

KNOWLEDGE:

K1. The dynamic interaction of biologic processes and mechanical forces acting on the stomatognathic system during orthodontic treatment

K2. The etiology, pathophysiology, diagnosis and treatment planning of various common Orthodontic problems

K3. Various treatment modalities in Orthodontics – preventive, interceptive and corrective.

K4. Basic sciences relevant to the practice of Orthodontics

K5. Interaction of social, cultural, economic, genetic and environmental factors and their relevance to management of oro-facial deformities

K6. Factors affecting the long-range stability of orthodontic correction and their management

K7. Personal hygiene and infection control, prevention of cross infection and safe disposal of hospital waste, keeping in view the high prevalence of Hepatitis and HIV and other highly contagious diseases.

SKILLS:

S1. To obtain proper clinical history, methodical examination of the patient, perform essential diagnostic procedures, and interpret them and arrive at a reasonable diagnosis about the Dento-facial deformities.

S2. To be competent to fabricate and manage the most appropriate appliance – intra or extra oral, removable, or fixed, mechanical or functional, and active or passive – for the treatment of any orthodontic problem to be treated singly or as a part of multidisciplinary treatment of oro-facial deformities.

ATTITUDE:

A1. Develop an attitude to adopt ethical principles in all aspects of Orthodontic practice.

A2. Professional honesty and integrity are to be fostered

A3. Treatment care is to be delivered irrespective of the social status, cast, creed and religion of the patients.

A4. Willingness to share the knowledge and clinical experience with professional colleagues

A5. Willingness to adopt, after a critical assessment, new methods and techniques of orthodontic management developed from time to time based on scientific research, which are in the best interest of the patient

A6. Respect patients' rights and privileges, including patients right to information and right to seek a second opinion

A7. Develop attitude to seek opinion from allied medical and dental specialists as and when required

COMMUNICATION SKILLS:

C1. Develop adequate communication skills particularly with the patients giving them the various options available to manage a particular Dento-facial problem and to obtain a true informed consent from them for the most appropriate treatment available at that point of time.

C2. Develop the ability to communicate with professional colleagues, in Orthodontics or other specialties through various media like correspondence, Internet, e-video, conference, etc. to render the best possible treatment.

Faculty In-charge