



## ANIL NEERUKONDA INSTITUTE OF DENTAL SCIENCES

Sangivalasa, Visakhapatnam, Andhra Pradesh

### COURSE OUTCOMES (CO)

#### **CONSERVATIVE DENTISTRY AND ENDODONTICS**

##### **MDS**

The following objectives are laid out to achieve the goals of the course. These are to be achieved by the time the candidate completes the course. These objectives may be considered under the following subtitles.

##### **KNOWLEDGE:**

At the end of 36 months of training, the candidates should be able to:

K1. Describe etiology, pathophysiology, periapical diagnosis and management of common restorative situations, endodontic situations that will include contemporary management of dental caries, management of trauma and pulpal pathosis including periodontal situations.

K2. Demonstrate understanding of basic sciences as relevant to conservative / restorative dentistry and Endodontics.

K3. Identify social, economic, environmental and emotional determinants in a given case or community and take them into account for planning and execution at individual and community level.

K4. Ability to master differential diagnosis and recognize conditions that may require multi-disciplinary approach or a clinical situation outside the realm of the specialty, which he or she should be able to recognize and refer to appropriate specialist.

K5. Update himself by self-study and by attending basic and advanced courses, conferences, seminars, and workshops in the specialty of Conservative Dentistry-Endodontics-Dental-Materials and Restorative Dentistry.

K6. Ability to teach/guide, colleagues and other students.

K7. Use information technology tools and carry out research both basic and clinical with the aim of his publishing his work and presenting the same at scientific platform.

**SKILLS:**

S1. Take proper chair side history, examine the patient and perform medical and dental diagnostic procedures as well as perform relevant tests and interpret to them to come to a reasonable diagnosis about the dental condition in general and Conservative Dentistry – Endodontics in particular. And undertake complete patient monitoring including preoperative as well as post-operative care of the patient.

S2. Perform all levels of restorative work, surgical and non-surgical Endodontics as well as endodontic-periodontal surgical procedures as part of multidisciplinary approach to clinical condition.

S3. Provide basic lifesaving support in emergency situations.

S4. Manage acute pulpal and pulpo periodontal situations.

S5. Have a thorough knowledge of infection control measures in the dental clinical environment and laboratories.

S6. Should have proper knowledge of sterilization procedures

**HUMAN VALUES, ETHICAL PRACTICE AND COMMUNICATION ABILITIES**

- Adopt ethical principles in all aspects of restorative and contemporary Endodontics including non-surgical and surgical Endodontics.
- Professional honesty and integrity should be the top priority.
- Dental care has to be provided regardless of social status, caste, creed or religion of the patient.
- Develop communication skills in particular to explain various options available for management and to obtain a true informed consent from the patient.
- Apply high moral and ethical standards while carrying on human or animal research.

- He/She shall not carry out any heroic procedures and must know his limitations in performing all aspects of restorative dentistry including Endodontics. Ask for help from colleagues or seniors when required without hesitation.
- Respect patient's rights and privileges including patients right to information.

Faculty Incharge