

## Prosthesis brought to life:

### Venturing in the arena of Cranio-maxillofacial implants.

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**New, intermediate and Advanced learners**

**Learning objectives:** After the session,

1. The learner should be able to make the presurgical evaluation (History, Diagnosis, the appropriate relevant investigations and comprehensive treatment planning) for extra-oral defects
2. The learner should also be able to determine the planning and placement of maxillofacial implants surgically utilizing the maximum retention
3. The learner should be able to plan the step-by step approach towards fabrication of an extra-oral prosthesis

#### **Background information**

**“ No love is greater than the love of once own face” -J.Rubalio**

The successful retention of prosthesis is one of the most important factors in the construction of a maxillofacial prosthesis. There are various retention mechanisms available for a maxillofacial prosthesis. The most recent made maxillofacial retention by osseointegrated implants has proved to be the most comfortable and effective form to the patients. Reconstruction of combined hard and soft tissue defects of nose orbit or a large facial defect often does not provide the patient with acceptable esthetic results. Also, prosthesis for such defects always suffers with retention problems. With advancement in digital technology, placement of implants in such cases has become more precise. Increasing roadside accidents and patients with maxillofacial defects following ablative tumor surgery makes it imperative on the part of a Prosthodontist to study these cases thoroughly for achieving optimum results.

#### **Important topics/concepts covered**

- ✓ **Series of lectures as follows-**
  - Presurgical evaluation including case selection and radiographic investigations
  - Surgical placements of implants
  - Retention mechanism and fabrication of the prosthesis
- ✓ **Case discussions and demonstration on models on innovative methods of retention and various implant retained auricular prosthesis**
- ✓ Whether only lecture or includes any video demonstration –Lecture along with Video

- Whether you will provide any learning materials (soft copy) to participants beforehand

**Yes**