

## A Pragmatic approach to cast partial dentures: Integrating theory & practice

Chief Mentor	<b>Prof. (Dr.) Veena Jain</b>
Co-Mentor 1	<b>Dr.DheerajKoli</b>
Co-Mentor 2	<b>Dr.Aditi Nanda</b>
<b>Suitable for</b>	<b>New Learners, Intermediate learners &amp; Advanced Learners.</b>

- **Learning objectives:** The preconference course will be a pragmatic and practicable approach to the fabrication of removable cast removable partial denture (RPD) for rehabilitation of partially edentulous clinical situations.
- **Background information:** Literature across the globe suggests increased need for management of partially edentulous clinical scenarios in patients with compromised oral or systemic health status. Trends are also suggestive that large proportions of these individuals will be less disposed to exclusive treatments by use of implants or fixed dental prosthesis. In such challenging clinical situations, the decision to prescribe a removable partial denture (RPD) can be a game changer to improve quality of life of a large proportion of people. However, simultaneous to the impending need for good quality cast RPD, the problem of inadequate prescription of RPD has been observed and the same has been attributed to lack of a sound knowledge about procedural details for the fabrication of these dentures. Although the rationale for designing the dentures stems from the analysis of the unique oral and systemic condition of each patient, sound knowledge of the procedures and application of biological, mechanical, and material science underpinning the prosthesis fabrication is vital to impart successful outcome for rehabilitation by cast RPD.
- **Important topics/concepts covered:**  
The PCC will provide an opportunity to understand the:
  - a. How to make a definitive diagnosis and treatment planning
  - b. surveying, and mouth preparation.
  - c. Preparation of master cast, block out and duplication
  - d. Framework designing
  - e. Laboratory procedures for investing and casting
  - f. Impression procedure and altered cast technique
  - g. Occlusion considerations
  - h. Insertion, Follow up and maintenance of final prosthesis
  - i. Special clinical case presentations to highlight rehabilitation in challenging condition.
- **Whether only lecture or includes any video demonstration: The PCC will include videos related to numerous steps of RPD fabrication.**