



Ranjeet Deshmukh Dental College
and Research Centre, Nagpur

Department Of Orthodontics and Dentofacial Orthopedics
Value added course

Ortho-Tech, A course on thermoforming technology using Biostar/Ministar

Introduction: Thermoforming Technology uses heat to mould plastic to create aligners, straighteners, mouth guards etc.. By utilizing precise temperature and vacuum highly accurate appliances can be fabricated. This course aims to introduce this revolutionary technology for fabrication of discrete and efficient appliances.

Ortho-tech: A Value added course on thermoforming technology using Biostar/Ministar

Target Audience: PGs of dept of Orthodontics, Prosthodontics, Pedodontics & Oral medicine & Radiology.

Course Objective:

- Make the participants aware of the thermoforming technique
- To impart knowledge of the various available materials
- Hands on fabrication of appliances using biostar/ministar.

Course Duration: 15 days, 6 hours each (30 hours)

Tentative month: June/July

Course Details:

Module 1:

- lecture on thermoforming technology
- appliance fabrication with biostar machine: Theory
- Introduction to various materials

Module 2:

- Demonstration of fabrication of prosthodontic appliances and TMJ splints.

Module 3:

- Demonstration of fabrication of orthodontic appliances

Module 4:

- Demonstration of fabrication of pedodontic appliance

Module 5:

- Demonstration of maintenance of the biostar machine.

For details contact
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