

# Sherin Khalam

*The Khalams Medical Centre Trivandrum, India*

## **Immediate Implants using Socket Shield Technique – A New Innovation for Ridge Preservation in Implantology**

Extraction of teeth is inevitably associated with distinctive changes in surrounding hard and soft tissue. Healing of extraction socket is characterized by the formation of bone within the socket and the loss of width, height of alveolar ridge compromising the implant placement especially in the aesthetically important areas. Various methods like membrane, fillers were used to stabilize the coagulum and prevent the epithelium in growth. Socket shield prevents the resorption and achieves alveolar ridge preservation. It is a viable alternative to bone substitutes and guided bone regeneration. With the socket shield technique the sub-mucosal portion of buccal root fragment of 1 to 27 mm is retained as a shield 1mm coronal to the buccal alveolar plate followed by an immediate implant placement. Since the buccal portion of the bone remains untouched the biological integrity of the buccal periodontium remains intact which preserves the buccal alveolar ridge contour.

### **Biography:**

Sherin A. Khalam, is an Associate Professor Department of Oral and Maxillofacial Surgery, Rajas Dental College and Hospital, Dr. MGR Medical University, Tamil Nadu, India. He also currently serves as Chief Consultant Maxillofacial Surgeon at SUT Royal Hospital, Trivandrum, India. He is the Director of The Khalams Medical Centre Trivandrum, India. He is a fellow of International Congress of Oral Implantologists (USA). He finished his advanced training in Implantology from Lleida, Spain. He served as a Co-Ordinator for University of Genoa India Chapter. He conducted many Continuing Dental Education programmes as Keynote speaker and Organiser.