

Immediate Implant Placement Utilizing the Root Membrane Techniue Socket Shileds

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The immediate implant placement is a complex surgical procedure mainly because of the cascade of event that follows every tooth extraction.

Alveolar ridge resorption is a physiological process that cannot be entirely prevented based on current evidence. Ridge resorption can be categorized as a multifactorial phenomenon that is partially attributed to the loss of blood supply that is derived from the periodontal ligament PDL prior to tooth extraction.

The buccal plate of the teeth especially in the anterior teeth is most often very thin, leading to significant dimensional alterations during immediate post extraction period.

Theses alterations are three dimensional and lead to apical migration of the soft tissue and concavities on the flat facial surface of the ridge.

Many studies were done to evaluate the possibilities to preserve the buccal resorption, maintain and recreate a mucosal zenith post tooth extraction and immediate implant placement

Preservation of the buccal portion of the root of the tooth may be atraumatic approach that leads to the preservation of the blood supply of the buccal plate and consequent preservation of the dimension of the alveolar ridge.

The rationale behind the intentional retention of the buccal aspect of the root with its periodontal apparatus is that a portion of the blood supply that derives from PDL is maintained.

The evolution of the procedure and technique will be described, advantages and limitations will discuss.

Biography:

Ahmed Mohammed Shamiyah completed Masters in Implant Dentistry, UCLA-GIDE Fellowship Program, Master in Oral Science New York State University at Buffalo Advanced Education in Prosthodontics, Advanced Fixed Prosthodontics Technique and Seminar University of Illinois at Chicago and Bachelor of Dental Surgery (B.D.S.) Bangalore University India.