

Immediate implant placement in canine region using root membrane technique with follow up 2 years case report

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Abstract

Following tooth extraction the underlying bone would undergo a lot of a remodeling phases leading to horizontal and vertical bone loss especially in the anterior teeth which results in loss of buccal plate of bone. The presence of sufficient thickness of buccal bone is essential for preservation of natural look and installed implant. A technique was introduced to preserve the sufficient thickness of buccal plate in the anterior region known as root membrane (root shielding). This technique would aim to preserve the root periodontal ligament intact with the root to preserve the buccal plate of bone and prevent the ridge from collapsing thus achieving an aesthetic appearance. This technique would Section of the teeth in two halves buccolingually, leaving the buccal fragment of root intact and then placing the implant lingual to it.

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