In today's era, FPD and RPD are replaced by implants which are considered ideal for replacing missing teeth.

Implants are proven to be gold standard for replacing missing teeth. Most widely used implant is osseointegrated implants with various shortcoming and most prominent shortcoming is lack of the periodontal ligament.

To overcome this, implants with periodontal ligament can be procured and this is possible by application of tissue engineering concept with suitable implant material.

A tissue engineered periodontal ligament around the dental implant has been introduced in past few years and is called as ligaplant.
It is an next generation Prosthodontic implant. Ligaplants is promising option that provides good biological performance leading to increased life of prosthesis. Therefore, ligaplant is considered boon in dentistry.

Keywords: 3G of Dentition, implant dentistry, PDL cells, bioengineered PDL, next generation Prosthodontic implant, biohybrid implant, ligaplant tissue engineered ligament in implant dentistry.

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