

Regenerative Endodontics

When the pulp tissue dies and the apex is not closed, conventional and routine root canal treatment procedures cannot be performed and outcomes of those performed are unpredictable. Traditionally, apexification and apical plug have been used to treat these teeth. Recently, regenerative endodontics has been suggested as an alternative treatment for these teeth. The presenter will discuss, definition, history, animal and human studies, comparison of this procedure with pulp revascularization, components needed for regenerative endodontics; challenges involved in the procedure and identification of tissues generated in these teeth.

At the conclusion of this lecture, the participants should be able to:

1. Know the definition, history and indications for regenerative endodontics.
2. Compare similarities and differences between regenerative endodontics and pulp revascularization.
3. Discuss important elements in regenerative endodontics and its challenges.