

NEWSLETTER

The Effect of Occlusal Reduction on Teeth After Endodontic Therapy.

Studies by numerous researchers (Cunningham '92, Rosenberg '96, Ashari '05) indicate that occlusal reduction is a very important factor in minimizing post operative pain especially on teeth with:

- Vital pulps,
- Presence of pre-operative pain,
- Percussion sensitivity and,
- Absence of peri radicular radiolucency.

Why?

Extension of pulpal inflammation into the periapical tissues often results in decreasing the adaptive capacity of the periodontium to occlusal forces that were previously tolerable. The release of inflammatory mediators can also result in a state of allodynia (a decreased pain threshold). Teeth that exhibit periapical bone loss have more space to accommodate periapical inflammation.

Performing occlusal reduction in a tooth with preoperative pain and percussion sensitivity not only decreases traumatic insults to the periodontium but also accelerates the healing process. As an adjunct, NSAID's may also be prescribed after the completion of endodontic therapy.

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