

Euro Dentistry Congress 2018: Coronal pulpotomy in permanent teeth: an alternate to root canal treatment

Feroze Ali Kalhoro

Liaquat University of Medical & Health Sciences, Pakistan

In spite of the fact that the cutting edge root waterway treatment is sensibly a fruitful treatment methodology in teeth with irreversibly contaminated mash; in any case, it is increasingly mind boggling, broad and costly kind of treatment. Besides, it needs to evacuate the sound dentine to clean and fill the root channels and the technique renders the tooth vulnerable to break. This is logically demonstrated that teeth with having essential mash stay longer than the root rewarded teeth. The appearance of present day biomaterial dependent on bioceramic like mineral trioxide total, biodentine and BC root fix material can possibly recover both hard and delicate tissue including dental mash. The grouping of mash contamination typically spread from coronal territory to radicular space and this take days to weeks, so in beginning time of disease if coronal mash tissues be expelled the radicular mash can be spared to feed the dentine and this technique is called coronal pulpotomy. Typically, pulpotomy is suggested for the lasting teeth having youthful root however there are some ongoing investigations which guaranteed an effective result of this method in develop perpetual teeth whenever performed with bioceramic materials. In this way, in our examination the pulpotomy was acted in perpetual teeth with develop roots utilizing three bioceramic materials MTA, biodentine and BC root fix material. All out 32 teeth with irreversible pulpitis yet with ordinary periapical status were treated by playing out the coronal pulpotomy technique with three unique materials MTA, biodentine and BC root fix material. On follow-up the teeth were checked clinically and radiographically. After over a year development, over 90% teeth gave sound indications. Coronal pulpotomy could be another treatment methodology to the root waterway treatment in develop changeless teeth having irreversibly contaminated mash.

Essential mash treatments have been utilized in essential teeth and youthful changeless teeth. In any case, with the approach of new bioactive material, the worldview is moving toward lasting teeth with develop apices of roots. There are numerous forthcoming and review examines, randomized controlled preliminaries, and deliberate audits that report coronal pulpotomy with bioactive material in lasting teeth with pulpal pathosis end up being as fruitful as root trench treatment (RCT). Coronal pulpotomy is practical, not extremely specialized requesting like root waterway treatment and less tedious for both the dental specialists and patients. This treatment can be offered to the patient as an option in contrast to endodontic treatment.

The goal of this examination is to survey the writing identified with the clinical result of coronal pulpotomy in changeless teeth with develop zenith and having pulpal pathosis. This proof based audit will encourage clinical dynamic in circumstances to pick coronal pulpotomy over root channel treatment in develop perpetual teeth with irreversible pulpitis.

Fundamental mash treatments have been utilized in essential teeth and youthful perpetual teeth. In any case, with the appearance of new bioactive material, the worldview is moving toward perpetual teeth with develop apices of roots. There are numerous planned and review contemplates, randomized controlled preliminaries, and methodical audits that report coronal pulpotomy with bioactive material in lasting teeth with pulpal pathosis end up being as effective as root waterway treatment (RCT). Coronal pulpotomy is financially savvy, not specialized requesting like root trench treatment and less tedious for both the dental specialists and patients. This treatment can be offered to the patient as an option in contrast to endodontic treatment.

The goal of this investigation is to audit the writing identified with the clinical result of coronal pulpotomy in changeless teeth with develop zenith and having pulpal pathosis. This proof based audit will encourage clinical dynamic in circumstances to pick coronal pulpotomy over root trench treatment in develop lasting teeth with irreversible pulpitis.

Corresponding Author:

References:

1. Glossary of endodontic terms. American Association of Endodontists. (2019). Accessed: December 30, 2019: <https://www.aae.org/specialty/download/glossary-of-endodontic-terms/>.
2. Ricucci D, Siqueira JF Jr, Li Y, Tay FR: Vital pulp therapy: histopathology and histobacteriology-based guidelines to treat teeth with deep caries and pulp exposure. *J Dent.* 2019, 86:41-52. 10.1016/j.jdent.2019.05.022
3. Elemam RF, Pretty I: Comparison of the success rate of endodontic treatment and implant treatment. *ISRN Dent.* 2011, 2011:640509. 10.5402/2011/640509