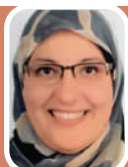


# 31<sup>st</sup> International Webinar on DENTISTRY

January 06, 2022 | Webinar



## Marwa Sharaan

Suez Canal University, Egypt

### Could root canal treatment be an obsolete maneuver?

Root canal treatment is a well-documented highly effective procedure of more than a 95% success rate. Many teeth with a well-treated root canals can last a lifetime. On the other hand, taking in consideration cost effectiveness and tooth strength after root canal treatment, scale does not tip in favor of root canal treatment. Current shift is rising in the horizon towards adopting vital pulp therapy (VPT) as a potential alternative to root canal treatment in cases diagnosed with acute irreversible pulpitis. In general, Vital Pulp Therapy is a restorative dental procedure that aims to treat teeth with compromised dental pulp without the full removal or excavation of all healthy pulp tissue. VPT can include indirect or direct pulp capping (i.e., placement of a protective material over the pulp) and partial or full pulpotomy (i.e., removal of part or all the coronal pulp). Pulp capping agents used in VPT should be biocompatible and bioactive such as bio ceramics. Success of VPT is dependent on a variety of factors, including the amount of inflamed tissue, an adequate blood supply to the tooth, healthy periodontium, and the opportunity to create an appropriate coronal seal. In the presentation, the concept of VPT will be discussed including indications, contraindications, advantages, diagnosis, and prognosis. In addition, some cases will be displayed.

### Biography

Marwa El-Sayed Sharaan is an associate professor in the department of endodontics at Suez Canal University, Ismailia, Egypt. She obtained Bachelor of Dental Sciences at Alexandria University, Egypt, and a Master of Conservative Dentistry (Endodontics) at Suez Canal University, Egypt. She earned Ph.D. in Endodontics at Suez Canal University, Egypt. She has been the head of department in 2018. In September 2021, she has been vice dean of education & students' affairs. She is the Vice president of the (REC), Research ethical committee at the college of dentistry, Suez Canal University. She supervised a significant number of master's and Ph.D. students, as well as undergraduate and postgraduate activities that foster the development of dental education, research, and clinical practice.

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