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AAE Statement Regarding Movie

The individuals in this movie are spreading misinformation and confusion about root canal treatment that is misleading and harmful to the consumer public. Their premise is based on junk science and faulty testing conducted more than 100 years ago that was debunked in the 1950s, continuously since then and is even more discredited today by physicians, dentists and academics. Mainstream medical and dental communities overwhelmingly agree that root canal treatment is safe, effective and eliminates pain.

The success of root canal treatment is based in science with a multitude of studies and peer-reviewed materials supporting its safety and efficacy. The science supporting root canal treatment dates back to 1951 when a *Journal of the American Dental Association* literature review found that previous questions raised in a single study were unfounded because it had lacked many fundamental practices of modern scientific research, including proper control groups. Since then, science has consistently and repeatedly supported the safety of root canal treatment.

Root canal treatment is an important dental procedure to alleviate patients' pain and save a patient's natural teeth. When a severe infection in a tooth requires endodontic treatment, that treatment is designed to eliminate bacteria from the infected root canal and prevent reinfection of the tooth. Currently, about 25 million new endodontic treatments, including root canals, are performed each year, safely and effectively, with none of the side effects referenced in this movie.

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Root Canal Safety Citations

1. Easlick K: An Evaluation of the Effect of Dental Foci of Infection on Health. *JADA* 42:615-686, 694-697, June 1951.
2. Grossman L: *Root Canal Therapy*. 4th edition, Lea & Febiger, Philadelphia, 15-40, 1955.
3. Grossman L: Focal Infection: Are Oral Foci of Infection Related to Systemic Disease? *Dent ClinN Amer*, 749-63, Nov. 1960.
4. Bender TB, Seltzer S, Yermish M: The Incidence of Bacteremia in Endodontic Manipulation. *Oral Surg* 13(3):353- 60, 1960.
5. Goldman M, Pearson A: A Preliminary Investigation of the Hollow-Tube Theory in Endodontics: Studies with Neo-tetrazolium. *J Oral Therapeutics and Pharm*, 1(6):618-26, May 1965.
6. Torneck C: Reaction of Rat Connective Tissue to Polyethylene Tube Implants. Part. I. *Oral Surg* 21(3):379-87, March 1966.

7. Torneck C: Reaction of Rat Connective Tissue to Polyethylene Tube Implants. Part. II. Oral Surg 24(5):674- 83, Nov. 1967.
8. Phillips J: Rat Connective Tissue Response to Hollow Polyethylene Tube Implants. J Canad Dent Assoc 33(2):59- 64, Feb. 1967.
9. Davis M, Joseph S, Bucher J: Periapical and Intracanal Healing Following Incomplete Root Canal Fillings in Dogs. Oral Surg 31(5):662-675, May 1971.
10. Baumgarther J, Hegggers J, Harrison J: The Incidence of Bacteremias Related to Endodontic Procedures. I. Nonsurgical Endodontics. J Endodon 2(5):135-40, May 1976.
11. Ehrmann E: Focal Infection: The Endodontic Point of View. Oral Surg 44:628-34, Oct. 1977.
12. Wenger J, Tsaknis P, delRio C, Ayer W: The Effects of Partially Filled Polyethylene Tube Intraosseous Implants in Rats. Oral Surg 46:88-100, July 1978.
13. Delivanis P, Snowden R, Doyle R: Localization of Blood-borne Bacteria in Instrumented Unfilled Root Canals. Oral Surg 52(4):430-32, Oct. 1981.
14. Grossman L: Pulpless Teeth and Focal Infection. J Endodon 8:S18-S24, Jan. 1982.
15. Torabinejad M, Theofilopoulos A, Ketering J, Bakiand L: Quantitation of Circulating Immune Complexes, Immunoglobulins G and M, and C3 Complement Component in Patients with Large Periapical Lesions. Oral Surg 55(2):186-90, Feb. 1983.
16. Delivanis P, Fan V: The Localization of Blood-borne Bacteria in Instrumented Unfilled and Overinstrumented Canals. J Endodon 10(11):521-24, Nov. 1984.
17. Benatti O, Valdrighi L, Biral R, Pupo J: A Histological Study of the Effect of Diameter Enlargement of the Apical Portion of the Root Canal. J Endodon 11(10):428-34, Oct. 1985.
18. Wu M, Moorer W, Wesselink P: Capacity of Anaerobic Bacteria Enclosed in a Simulated Root Canal to Induce Inflammation. Int Endodon J 22:269-77, Nov./Dec. 1989.
19. Schonfeld SE: Oral Microbial Ecology. In: Slots J, Taubman M, eds. Contemporary Oral Microbiology and Immunology. St. Louis: Mosby Year Book, 1992:267-274.
20. Wilson W, Taubert K, et al. Prevention of Infective Endocarditis: Guidelines From the American Heart Association, J Amer Heart Assoc 2007;116:1736-54.
21. Lockhard, PB, et al. Periodontal Disease and Atherosclerotic Vascular Disease: Does the Evidence Support an Independent Association? Circulation 2012;125:2520-2544.
22. Tezal M, et al. Dental Caries and Head and Neck Cancers. JAMA Otolaryngol Head Neck Surg 139(10):1054-60, Oct. 2013.