

Endodontics and Neurologic Injury

Neurologic injury as an outcome of endodontic treatment can have devastating consequences for both the patient and the endodontist. Mishaps that occur during the therapeutic stages of endodontic therapy can result in neurologic damage with an unpredictable course and an uncertain prognosis. Dr. Gluskin will discuss the evidence and best practices regarding neurologic impairment as a result of endodontic care. The evidence and best practices regarding neurologic injury are important and necessary understandings for all practitioners who deliver endodontic care to patients.

At the conclusion, participants should be able to:

- Recognize the advantages of new 3-D imaging technologies in identifying key neurovascular structures and their proximity to the root canal systems of teeth.
- Understand the anatomic and gender variables in the neurovascular anatomy of the mandible.
- Appreciate the hydraulic outcomes of common obturation methods and their potential for injury and mishaps.
- Identify safe protocols for avoiding extraradicular overfill of the root canal space when there is close proximity to neurovascular anatomy
- Be familiar with prognosis and best practice for injuries and mishaps that result in neurologic damage

Short Biography:

Alan H. Gluskin DDS is currently Professor and Acting-Chairperson, Department of Endodontics, Arthur A. Dugoni School of Dentistry, University of the Pacific in San Francisco, California. He is at present a Fellow of the International College of Dentists and the American College of Dentists.

Dr. Gluskin is a member of numerous societies including the American Association of Endodontists, the American Dental Association and the San Francisco Dental Society. He has served on the Educational Affairs Committee and the Research and Scientific Affairs Committee of the AAE, as well as General Chair for AAE10 and AAE18.

Dr. Gluskin is presently on the Executive Board of Directors of the American Association of Endodontists as President of the AAE, and additionally functions on the editorial boards of the ***Journal of Endodontics*** and the ***International Journal of Endodontics***. Dr. Gluskin is the 2017 recipient of the University of the Pacific's Eberhardt Teacher-Scholar Award. He is co-editor of the textbooks **Decision Making in Dental Treatment Planning and Practical Lessons in Endodontic Treatment**.