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Dr. Clifford J. Ruddle is Founder and Director of Advanced Endodontics, an international educational source, in Santa Barbara, California. Additionally, he maintains teaching positions at various dental schools, is a Fellow in both the American and International Colleges of Dentistry, and has authored numerous articles and chapters for leading textbooks. As an inventor, Dr. Ruddle has designed and developed several instruments and devices that are widely used internationally. He is best known for providing superb education through his lectures, instructional DVDs, and "ONE-ON-ONE" training courses in Santa Barbara, California. To learn more about Dr. Ruddle, visit www.endoruddle.com

Abstract Paper

Title: Endodontic Canal Preparation

There are a staggering number of mechanical systems available for endodontic canal preparation. Since the advent of NiTi, each new generation of shaping files has been launched with optimism for greater success. Dr. Ruddle will describe a state-of-the-art file system that utilizes the most proven design features from the past, coupled with the most recent technological advances currently available. This presentation will focus on the ProTaper GOLD technique utilized to clinically improve safety, efficiency, and simplicity when shaping canals. Emphasis will be placed on creating minimally invasive shapes that promote 3-D disinfection and filling root canal systems.

Course Objectives:

At conclusion, participants should be able to:

- 1. Understand the mechanical and biological objectives for preparing canals.
- 2. Identify the design features associated with each generation of shaping files.
- 3. List the advantages of utilizing rotary shaping files.