

Introducing Endo Eze AET

Responding to the needs of the tooth

With the exception of most maxillary incisors, most teeth have canals with elliptical or even flat-ribbon cross sections. The greatest width runs buccolingual. The palatal roots of maxillary 1st molars and sometimes maxillary centrals are the exceptions with mesiodistal elliptical forms.

"Dentists must have a thorough knowledge of root canal morphology, as an uninstrumented or overlooked canal can harbor bacteria that may lead to endodontic failure."

Gen Dent Feb 2004;34-36

What is Crown-Down?

"A corono-apical canal preparation technique that consists of three phases (coronal, middle third and apical third) and includes specific instruments for each phase along with specific instructions for the predetermination of the working lengths for the first two thirds as well as for the apex."

Dr. Rittano

What is Endo Eze AET (Anatomic Endodontic Technique)?

"Endo eze is an endo system which comprises tangible items (handpieces, files, solutions) that are used in performing Anatomic Endodontic Technique (AET)"

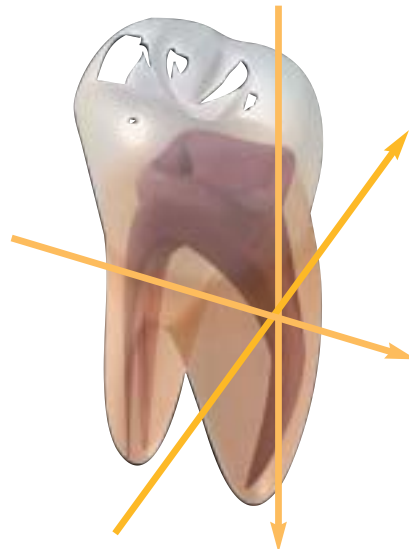
Dr. Stace Lind

What is "Responding to the 'needs' of the tooth"

Responding to the "needs" of the tooth understands the anatomical realities of the root canal and implementation of proper instrumentation. Endodontic complications or breakdowns may occur without proper knowledge of the relationship between the anatomy of the root canal and endodontic instrumentation techniques.

Cleaning and Shaping – a key to a successful endodontics

The Anatomic Endodontic Technology (AET) was conceived by Dr. Francisco Rittano of Soverato, Italy. Dr. Rittano is the founder of the New Endodontics Study Group, an organization dedicated to endodontic research. The main objective of the biomechanical instrumentation in endodontic therapy is the total elimination of the infected pulp tissue. AET was designed specifically to maintain the natural shape of the root canals, whilst performing a bio-mechanical instrumentation.



Molar 3D

The Endo EZE® system comprises of new generation flexible stainless steel instruments used for cleaning and shaping root canals. The system also intends to minimize the number of steps required for proper and effective root canal preparation and thus assists the dentists in saving time, money and adds a competitive edge to the dental practice.

Based on root morphology, (with the exemption of maxillary incisors and palatal root of maxillary first molar) root canals are elliptical or flat ribbon in shape. *Studies show that root canals prepared with AET system had significantly less surface debris and smear layer on canal walls compared with root canals prepared with manual instrumentation and rotary nickel-titanium (Dr. Zmener, Dr. Odont and Dr. Pameijer "Cleaning effectiveness in oval shaped root canals with AET, Profile and manual instrumentation; Scanning electron microscopic study).*



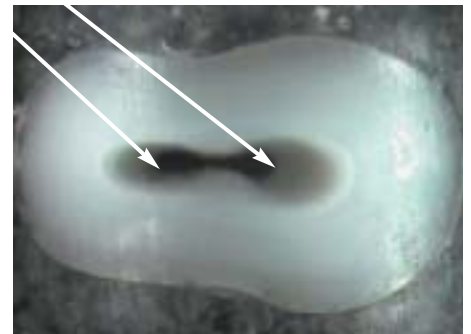
Conventionally prepared Root canal



Mesio-distal view

Bucco-lingual view

Does this tooth "Need" a continuously tapering cylinder?



Endo EZE prepared root canal