Saratoga Dental Conference
Dr. Garry Bey
May 24th, 2013
rockendo@aol.com
Single vs. Multi-Visit Endodontic Treatment

What’s the right answer?
Anatomy
Access

THE CORNERSTONE OF ENDODONTICS
Establish Glide-path

- **EDTA Gel lubricant for root canal files**
  - Softens calcifications and aids in the negotiation of the root canal system
  - In an aqueous solution EDTA is smooth and not grainy
    - Rinses cleanly with no waxy residue
Canal Negotiation

SlickGel™ ES
Straight-Line Access

Curves Break Instruments
CREATING AND MAINTAINING A GLIDEPATH
Glide Path

M4 Reciprocating Handpiece

Endo Bender
Glide Path

Maintain Patency
CANAL PREPARATION

TAPER & APICAL ENLARGEMENT
“The success of a root canal will always ultimately hinge on how successful the clinician is in cleaning out the canals.”

Dr. Arnaldo Castellucci, MD, DDS, Italy Endo Tribune, April 2007. Pg. 17-18
NiTi rotary instrument choices from Sybron:

Twisted File
K3
K3XF
LightSpeedLSX (non-tapered)
A NEW PARADIGM

The Twisted File with R-Phase Technology

Presented by Dr. Garry Bey
Proprietary processes for unsurpassed strength and flexibility

1. R-phase heat treatment technology
   Breaks less than ground files

2. Twisted design, not ground
   Eliminates formation of micro-fractures

3. Advanced surface treatment
   Maintains file hardness and cutting edges
TF Adaptive: What is it?

- TF Files used with a new motion
- Complete system with gutta percha, obturators and paper points.
TF Adaptive - Movement adjusts based on file load.
So what’s so great about reciprocation…

✓ Decreased cyclical fatigue
✓ Better file control - no “suck down” feel
Innovation - TF Adaptive Movement

Rotary when you want it.

Reciprocation when you need it.
Innovation – Color Code

Traffic Light: Intuitive, universally accepted color code

- Green: Means GO
- Yellow: Means stop or continue
- Red: Means STOP
TF Adaptive Sizes

| SMALL (SM) | SM1: #20/.04 | SM2: #25/.06 | SM3: #35/.04 |
| MEDIUM/LARGE (ML) | ML1: #25/.08 | ML2: #35/.06 | ML3: #50/.04 |
Canal size and file sequence determination:
If you struggle to get a #15 K-File to WL then the canal size is Small.
If a #15 K-File is loose then the canal size is Medium / Large.
The Wonderful World of Rotary Root Canal Preparation

The most important part of the preparation is the very apical part of the root canal.

L Spangberg DDS, PhD, Editor Oral Surgery, Oral Medicine, Oral Pathology
EndoVac

Science
Safety
Efficacy
Cost Effective
Endodontic Obturation
Must Haves:

- Foramen Locator
- Magnification
- M4 Handpiece
- File Bender
- Twisted Files
- Apical Enlargement File
- EndoVac
Questions?