

## AccessPost™

### The Passive Post System



#### FEATURES

Thick-Walled,  
Hollow Tube  
design.

Undercuts of head  
and shank.

Multiple tiers.

Positive seating  
head.

Highly retentive head  
with undercuts.

Optional Extra  
Retention Kit.

Optional  
Retreatment Kit.

#### BENEFITS

Provides the strength of a solid shank post.<sup>1-4</sup>  
Vents hydrostatic pressure of cementation, for easier post placement and a more secure cement interface.

Offers the ability to remove a post, should there be a failed root canal, without surgically widening the canal.<sup>5-6</sup>

Guides Retreatment Drills for safe post removal and access to the apex.

Provides excellent core material retention. Resists rotation of core material. Locks-in post cement to provide high retention of shank.

Countersinking the post into the tooth prevents high apical stress under function common to other passive posts.<sup>7</sup>

Adapts to anatomical flare of canal for optimum dentin-to-metal contact and maximum stability.

Stabilizes restoration by resting on tooth structure. Safely dissipates stresses of occlusion.

Offers additional surface area for core material adaptation resulting in stronger retention.

Grooves the post hole dentin for enhanced retention<sup>4</sup> (Kit contains 2 grooving drills and Flexi-Flow<sup>®</sup> cement.).

For failed root canals, routine, non-surgical post removal and access to the apex for retreatment.



Thick walled, hollow tube design

Highly retentive  
head with undercuts

Positive seating head

Second tier

Undercuts of shank

EDS' AccessPost provides more advantages than any other passive post. The patented, thick-walled, hollow tube design and the undercuts of the head and shank offer . . . **Strength, Retention, and Stability** . . . with the added insurance policy of **Retreatability**. All at a competitive cost to the dentist.

1 Cohen BI, Deutsch AS, Musikant BL, "Cyclic Fatigue Testing of Six Endodontic Post Systems" Journal of Prosthodontics, 1993;2:28-32.

2 Cohen BI, Condos S, Deutsch AS, Musikant BL, "Cyclic Fatigue Testing of Seven Endodontic Post Systems" Journal of Dental Research, 1993;72:305.

3 Rovatti L, Dallari D, Mason PN, "A New System of Endodontic Retention." Journal of Attualita Dentale, 1994;18.

4 Cohen BI, Musikant BL, Deutsch AS, "Comparison of the Retentive Properties of Two Hollow Post Systems to a Solid Post Design." Journal of Prosthetic Dentistry, 1993;70:234-238.

5Cohen BI, Pagnillo MK, Condos S, Musikant BL, Deutsch AS, "Post Removal Using A Thick-Walled Hollow Tube Post Design." Oral Health, 1994;84(#11):15-22.

6Cohen BI, Musikant BL, Deutsch AS. "The AccessPost and It's Clinical Use." Dentistry Today, 1995;14:88-89.

7Cohen BI, Condos S, Musikant BL, Deutsch AS. "Pilot study comparing the photoelastic stress distribution for four endodontic post systems." Journal of Oral Rehabilitation 1996;23:679-685.

## A new dimension in passive post technology.

### STRENGTH, RETENTION & STABILITY

While the EDS AccessPost is a hollow tube, its thick walls, under cyclic fatigue testing, demonstrate the strength of a solid shank post.<sup>1,2</sup>

The EDS AccessPost head is grooved with undercuts that secure higher retention of the core material and resistance to rotation. The result is a more intimate and secure dentin-to-cement interface.

EDS' AccessPost is superior in still other ways. The second tier prevents "bottoming out" which eliminates the high apical stresses under function common to other passive posts. The second tier actually compensates for the natural anatomical flare of the canal for optimum dentin-to-metal contact, even distribution of stresses and maximum retention.

### INSURANCE POLICY OF RETREATMENT

The EDS AccessPost offers the dentist an insurance policy that was never available before for failed root canals: endodontic retreatment becomes a routine procedure. Even in the best of circumstances, post removal and endodontic retreatment is a difficult situation. Unless EDS' AccessPost was placed in the initial restoration.

The thick walled, hollow-tube design provides a safe guide for special retreatment drills, allowing routine removal of posts **without widening the canal.**



### TECHNICAL FACTS:

Post Number	0	1	2	3
Color Code	YELLOW	RED	BLUE	GREEN
Post:				
Length of Head	4.00mm	5.00mm	6.00mm	7.00mm
Length of Shaft	7.50mm	9.00mm	10.00mm	12.00mm
Total Length	11.50mm	14.00mm	16.00mm	19.00mm
Diameter of Shaft	0.80mm	1.10mm	1.35mm	1.60mm
Diameter of:				
Primary Reamer	0.90mm	1.20mm	1.45mm	1.70mm
Gates Glidden	0.70 (#2)	1.10mm (#4)	1.30mm (#5)	1.50mm (#6)
Peeso	0.70 (#1)	1.10mm (#3)	1.30mm (#4)	1.50mm (#5)

### ORDERING INFORMATION:

Introductory Kit: . . . . .	Cat. No. 500-00			
Consists of 16 retreatable passive posts (4 ea. of sizes 0, 1, 2, 3) 4 primary reamers, 4 secondary drills and 5 gates glidden reamers.				
Introductory Kit: . . . . .	Cat. No. 500-12			
Consists of 12 retreatable passive posts (4 ea. of sizes 0, 1, 2) 3 primary reamers, 3 secondary drills and 5 gates glidden reamers.				
Refills: . . . . .	Size 0	Cat. No. 530-0	Size 1	Cat. No. 530-01
10 posts of one size.	Size 2	Cat. No. 530-02	Size 3	Cat. No. 530-03
Economy Refills: . . . . .	Size 0	Cat. No. 540-0	Size 1	Cat. No. 540-01
25 posts of one size.	Size 2	Cat. No. 540-02	Size 3	Cat. No. 540-03

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