

# "CRESCO" - GROW, EXPAND AND SEAL.

# Water expandable obturating system

**Introduction** — Water expandable root canal obturation system has been introduced in endodontics as an alternative to traditional gutta percha based system to obtain an fluid impervious seal.



- Hvdrophilic
- Radio-opaque
- No shrinkage.
- Biocompatible
- self-sealing
- Osteo inductive
- One-step obturation

**Center Core** 

**Pro-points C** 

POLYMER COATING

# 6% taper size 25-45

Composition

# Bioceramic sealer

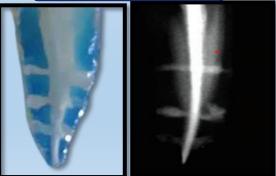
## Mechanism



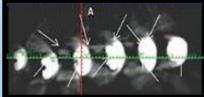




## lateral expansion









## Disadvantages

- Difficult retreatment
- Limited evidence on effectiveness
- Expensive

References: Mehreen Kulsum N Water expandable root canal obturation system - A review Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 19, Issue 9 Ser. 2 (September. 2020), PP 51-58 Krishnan Hari RRJDS | Volume 2 | Issue 2 | April-June, 2014 Research and Reviews: Journal of Dental Sciences Water Expandable Endodontic Obturation Point—A Review