





ROOTING FOR SUCCESS: GUIDED ENDODONTIC SOLUTIONS

A combination of traditional endodontic principles with modern technological advancements, guided endodontics is a transformative approach that enhances precision and efficiency in endodontic procedures. It integrates preoperative planning with intraoperative navigation.



Limitations:

- Cost effectiveness
- Treatment planning time
- Specialized equipment requiring adequate training of operator.
- Limited utility in posterior region.

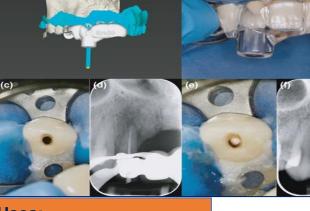
The way forward:

Guided endodontics is a significant leap forward in endodontic care, offering accuracy, improved treatment outcomes, and a more predictable approach to complex cases. While still evolving, its integration into everyday clinical practice is critical. Further high-quality clinical studies on both navigation systems are needed.









Static Guided

Endodontics

Uses:

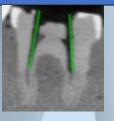
Types:

Minimally invasive access

Osteotomy & apicectomy

Pulp canal obliterations

Fibre post removal









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12:19(16):9958, doi: 10.3390/ijerph19169958, PMID: 36011600; PMCID: PMC9408804,

4. van der Meer WJ, Vissink A, Ng YL, Gulabivala K. 3D Computer aided treatment planning in endodontics. J Dent. 2016 Feb;45:67-72. doi: 10.1016/j.jdent.2015.11.007. Epub 2015 Nov 25. PMID: 26627596