

Think out of the box, See into the canal – a novel approach of apical surgery.

Since the 2000s, dental implants have become a popular treatment option and have revolutionized the field of dentistry. However, over the past two decades, an increasing number of implant complications have occurred due to the lack of a periodontal ligament, causing a re-evaluation of the value of natural teeth.

In the past, intentional replantation was the last resort for managing surgically difficult teeth, such as second molars. With the novel HERO system, which is accompanied by an endoscope, it is now possible to perform apical surgery in this area.

The HERO system uses the "bone guide" concept, which is more efficient than the traditional rigid guide and reduces the requirement for intraoral space, while increasing the visibility and clearance of the apical view during surgery.

This system makes it more achievable to save natural teeth.



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