

Adopt **PIEZOTOME® extraction** to favor bone preservation with **immediate implant placement**



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Should we leave behind our syndesmotomes, periostomes, elevators and forceps to extract tooth?

These instruments keep their daily use, but in some clinical indications (fractured roots, supernumerary tooth, molars with root divergence, immediate extraction / implantation, implant removal...) the use of specific ultrasonic tips is of great interest to achieve these avulsions while respecting surrounding bone and soft tissues, thus preserving the residual anatomical structures and allowing for an optimal healing of surgical sites.



CLINICAL CASE

Extraction of a fractured root with immediate implant placement

The treatment plan includes the extraction of the 14 with immediate implant placement. The preservation of the alveolar bone is a key success factor for the final result. The use of the Extraction tips, LC tips (5mm thickness), allows for alveolar bone preservation.



Fig. 1: Remaining root, 14



Fig. 2: X-ray of the tooth, 14



Fig. 3: After raising a small flap, insertion of the LC2 tip along the distal root



Fig. 4: observe the integrity of the alveolar bone at the end of the procedure

CONCLUSION

The use of ultrasonic tips is of great interest to perform challenging extractions, that is to say the avulsion of firmly anchored teeth with optimal preservation of surrounding periodontal structures.



Achieve immediate implant placement thanks to bone tissue preservation

With PIEZOTOME® Cube, the extraction surgery is simplified. Immediate implant placement is possible thanks to the use of a less invasive and less traumatic technique.

- ▶ The advantages are: precise extraction performed forceless, non-systematic surgical flaps, no alveolectomy needed in case of root fracture and reduced luxation movements.
- ▶ Results for the patient: pain, edema and analgesics intake are reduced by more than 50%*

* Troedhan A, Kurrek A, Wainwright M. Ultrasonic Piezotome® surgery: is it a benefit for our patients and does it extend surgery time? A retrospective comparative study on the removal of 100 impacted mandibular 3rd molar. Open Journal of Stomatology. 2011.

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