

Brånemark System® Zygoma Implant

The Brånemark System® Zygoma implant concept presents a non-grafting alternative for the treatment of patients with extreme resorption of the maxillary bone. The zygoma implant design and placement protocols have been described in various publications¹⁻⁹. Other reports have focused on anatomical site evaluations for the placement of zygoma implants, image-based planning procedures, and clinical validations of implant placement using drill guides⁸⁻¹⁷.

Clinical studies have been performed with clinical success rates of 82-100% with follow-up periods of up to 5 years^{11,12,18-49}. Placement of multiple (2-4) zygoma implants in the same *os zygomaticus*⁵⁰⁻⁵⁴, as well as immediate loading of zygoma implants^{12,21-23,26,29,30} has also been reported. Sinuscopy performed in patients with zygoma implants showed no signs of infection or inflammation in the surrounding mucosa^{28,35}.

Zygoma implants have also been used with good results for retention of extra-oral prostheses⁵⁶.

A prospective multicenter study is ongoing for further evaluation of the Brånemark System® Zygoma implant^{53,57}.

References

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