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 publications. 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 guides.

Clinical studies have been performed with clinical success rates of 91-100% with follow-up periods of up to 5 years. Placement of multiple (2-3) zygoma implants in the same os zygomaticus, as well as immediate loading of zygoma implants, has also been reported. Sinuscopy performed in patients with zygoma implants showed no signs of infection or inflammation in the surrounding mucosa.

Prospective multicenter studies are ongoing for further evaluation of the Brånemark System® Zygoma implant.

References


A clinical evaluation of the Zygoma implant. Three years follow-up at 16 clinics. In manuscript. Ongoing study in 16 centers. Clinical Research Department, Nobel Biocare AB.

Evaluation of the Zygoma TitUnite implant. Ongoing study in 6 centers. Clinical Research Department, Nobel Biocare AB.