

Patient reported with a complaint of difficulty in chewing due to missing teeth in lower arch on left side.

Patient desires fixed teeth- advised implant retained crowns on #19, 20.

CBCT done: adequate amount of bone noted. Periapical radiolucencies noted in #3 and #16- informed the patient and her daughter thje same.

Patient explained about the procedure- surgical installation of implant in #19, 20.

Alternatives: No treatment- discounted by the patient, is keen on having fixed teeth.

Complications: Pain, swelling, bleeding, infection, injury to inferior alveolar nerve, injury to adjacent tooth, bruising of skin, implant failure, bone loss around implant.

Patient consented for the procedure.

Procedure done: Surgical installation of implants in #19, 20 site with healing abutments placed.

Site #19, 20 infiltrated with 2%lignocaine 1:80000 adrenaline (2 carpules used)

Paracrestal incision placed, full thickness mucoperiosteal flap raised.

Osteotomies made as per the drilling protocol for Megagen implants to accomodate 4.5X10mm implants.

Two 4.5x 10 mm implants placed in 19, 20 sites- 50 Ncm torque acheived.

Healing abutments placed

Flap placed back and sutured with 4'0' vicryl

Post op instructions given

Analgesics and antibiotics prescribed

Oral hygiene instructions given

Review in 1 week for follow up.