



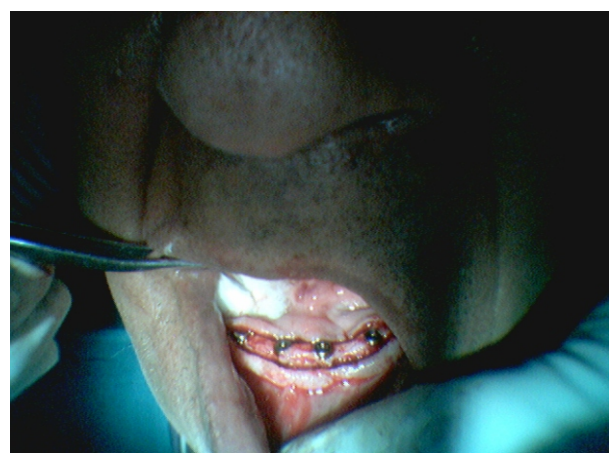
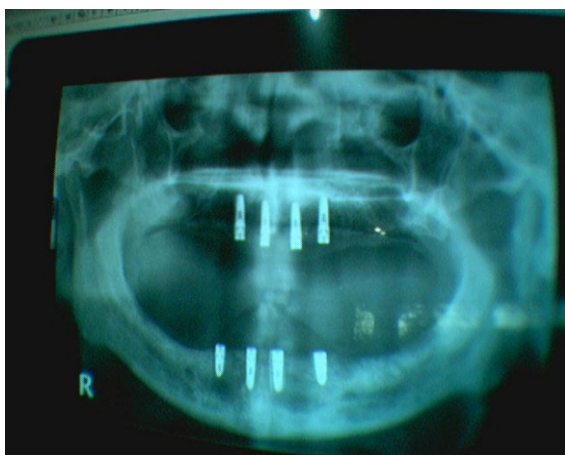
Implant Retained Complete Dentures (A Case Report)

Dr Kamal Nohria, MDS, Dental Surgeon & Prosthodontist

In patients with resorbed (flat) ridges where retention is a problem implant retained complete dentures is one of the options. In this case 3-4 implants are fixed in each jaw to retain the dentures. First of all you need to take an OPG X-ray to assess the amount of bone present. Upper and lower stone models are made. After examining the X-ray and models tentative location of implants is marked

templates also to act as guide in the mouth.

On the first visit after giving local anaesthesia full thickness flap is raised. With a round bur the sight of the implants is marked in the bone. According to the instructions of the manufacturer of the implant system you are using first of all pilot drill is used up to the desired length followed by subsequent drills until the desired diameter is reached. After this implants are screwed into place



OPG X-RAY

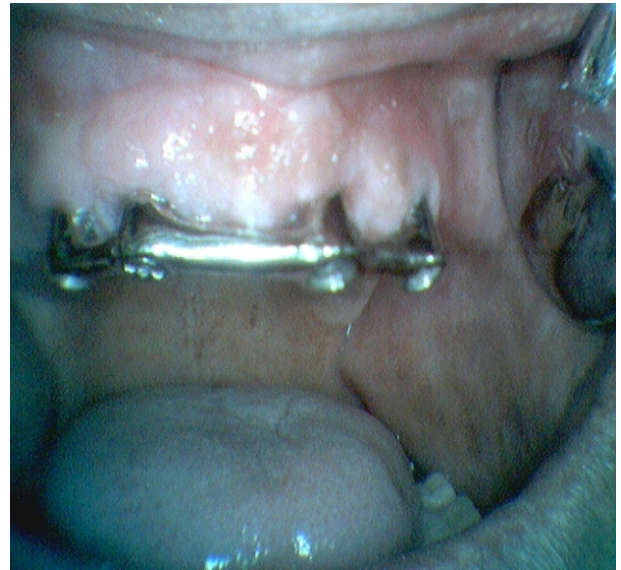
on the stone models. One can make acrylic

IMPLANTS IN UPPER AND LOWER JAWS

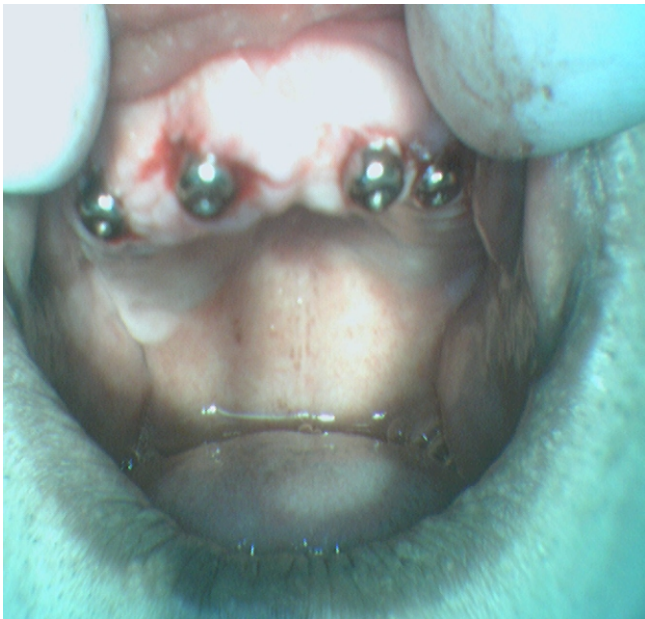
with appropriate instruments. The flap is

closed with sutures. The same procedure is done in both the jaws within a week's gap. After that one has to wait for at least 4-6 months for the proper osseointegration to occur.

After 4-6 months the implant site is reopened to fix healing screws. The healing screws are left in place for about 4-7 days. In that period an impression is taken for upper and lower dentures



BAR PLACEMENT IN UPPER JAW



BALL & SOCKET IN LOWER JAW



HEALING SCREWS IN PLACE IN BOTH UPPER & LOWER JAWS

Every step is done as in normal dentures. Four to five sittings are needed to complete the process.

After removing the healing screws impression posts are screwed in the implants and impressions made. The models are sent to lab for casting of bar for upper denture.

The denture is made in acrylic by routine method of initial impression, final impression, bite registration, trial and final denture.

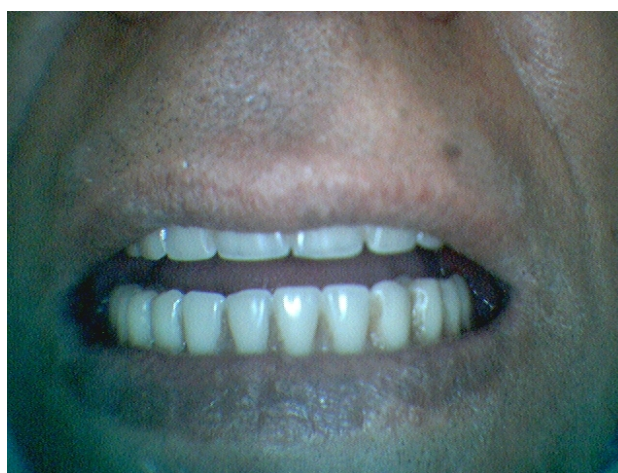
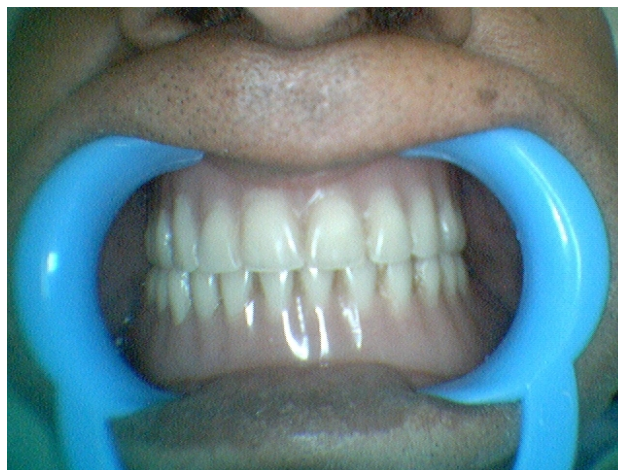
Final curing of denture is done while bar lower healing screws are in place. Sockets are fixed in the lower denture with self cure acrylic.

In this case bar placement was done in upper jaw and ball and socket arrangement was done in lower jaw. Clips were inserted in upper jaw to engage bar and sockets were inserted in lower jaw.



**BAR IN UPPER JAW &
SOCKETS IN LOWER JAW**

The dentures were then fixed on these fixtures. The advantage of implant retained dentures is that patients is very comfortable while chewing and he is not to worry about the retention part.



DENTURES IN PATIENTS MOUTH

So implant denture is a very good option for patients who cannot wear conventional dentures because of bone loss and flat ridges.

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967/21-C, H.B.C. DELHI MATHURA ROAD, FARIDABAD

Tel.: +91-9411047826, +91-9457611962 E-mail : healtalk08@yahoo.com