## JAWS, the trailer

Mirror drops in at the OT to bring you a sneak peek of a unique cell therapy to regrow a 61-yearold's upper jaw in a laboratory

If the world's a stage, is Mallapur neighbourhood realised on a morn ing five years ago when they were treated to an impromptu tragicomedy right in their kitchen. K daughter-in-law. Before she could dentures slipped out of her mouth, and missed the oil bub bling in a frying pan by a whisker. Her free-year-old granddaughter, who was standing nearby, cracked

up. "I thought it was just an accident," says Pushpa Lata. The 61-year-old was fitted. 40 after poor dental hygiene and her upper teeth. What

tion of her maxilla or upper iave bone, leaving it incapable of

nan jaw through a root struc ture. The bone tissue lining the jaw stays in shape when it's exerroot, strengthening the bone. When an adult suffers teeth loss specific area. Thus, the portion of the law bone that anchors the

their diet. In women, the rate of faster than in men, especially after menopause.

## **HOW DENTURES AGGRAVATE** For Lats, wearing dentures

heightened bone resorption. Dr Dilip Deshpande, consulting prosthodontist and implan-

After suffering upper jaw bone do terioration due to prolonged use chew a simple meal, Pushpa Lata has opted to grow a new jaw bone from her own bone cells in a new endings connected at the roots. These inform the brain about the ing. The nerves send a signal to with dentures are unable to differentiate between the solidity of food substances. They bite all stop only when the denture starts hurting the iaw bone, thus fur-

same. Her food intake and conversation skills were affected. She gave up eating apples, carrots and Overcooking rice, and mashing vegetables was the only way out Her age-old post-lunch habit of ewing. Wrapping up a meal took her anywhere from 35 to 45

For Lata, life was no longer the

Fearing embarrassment, Lata members turning into a recluse py, a procedure that's still in the imental stages.

The Regenerative Medical Services (RMS) lab in Andheri (E)

With teeth gone missing, those fitted with dentures bite all foods with the same

pressure, thus further deteriorating it (iaw bone)



