



**X11th World Congress of
Oral Implantology**



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TITLE Tissue Expander for Alveolar Augmentation
with Dental Implants

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To ensure optimum postoperative healing with guided tissue regeneration, the primary closure of the flap should be achieved. The periosteum may have to be incised to enhance the elasticity of the flap. But, it may affect the blood supply. If it is stretched far enough, the incision to the periosteum would be unnecessary. In dental implant surgery with guided tissue regeneration, we have been using tissue expander for stretching the flap. Tissue expander in our procedure is inserted between the periosteum and the bone surface of buccal alveolar mucosa. The intraoperative sustained limited expansion method (ISLE) reported by Sasaki in 1985 is used. It is a one stage technique which increases the length of the tissue prior to its use. Materials and results: Cases numbered nine, 2 males, 7 females, average age was 45.2 years old. The operation was performed in a total of 10 sites. A month after the operation, the results showed no failure of the suturing in 6 sites (60 % of the total). The usefulness of ISLE method for dental implant surgery with guided tissue regeneration and our procedure will be discussed.

Presenter (only):

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Graduated from Nihon University School of Dentistry
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PHOTOGRAPH (presenter only):

Please attach one passport size photograph for inclusion in the program.

