

Abstracts

Harada, O. & Ishii, H. : The condition of the auditory ossicles in microtia, *Plast. Reconstr. Surg.*, 50 : 48, 1972.

In this paper the authors have compared the grades of the external auricular deformities of microtia patients with the abnormalities found in their auricular ossicles. The tympanic cavity had been opened in 57 ears in 49 microtia patients. Microtia has been divided into three grades according to the severity and the observations have been summarized. In grade I and II many cases showed all the ossicles but majority showed deformities such as fusion etc. The abnormality was more common in the malleus. The paper has been nicely illustrated.

Morgan, L.R. & Stein, F. : Method for a rapid and good thumb reconstruction, *Plast. Reconst. Surg.*, 50 : 131, 1972.

The authors discuss reconstruction of the thumb. A technique of osteoplastic reconstruction of the thumb is described. It involves iliac bone graft insertion into the thumb metacarpal remnant. This is covered by a large neurovascular island flap and deltopectoral flap. The tubed pedicle is divided three weeks later.

Walker, J. C. & Sawhney, O. P. :

Free composite lip graft, *Plast. Reconstr. Surg.*, 50 : 142, 1972.

The authors describe the operation of free composite graft taken from the centre of the lower lip and transplanted to the upper lip. Though previously done they plead for its use in bilateral cleft lip cases. The advantages of this one stage procedure over Abbe lip flap are enumerated. Colour changes described resemble any other composite graft. Return of sensations, muscle function and needle electromyography has been studied in operated cases.

Creech, B. J. & Thorne, F.L. : The pocket photoplethysmograph, *Plast. Reconstr. Surg.*, 49 : 380, 1972.

An assembly of pocket photoplethysmograph is described. The instrument has been used on pig flaps and human pedicle flap and tube pedicle. The recording results are compared with intravenous vital dye studies. According to authors this objective method amplifies clinical impressions and is a step towards the objective study of circulation of the flaps.

Orticochea, M. : The musculo-cutaneous flap method : An immediate and heroic substitute for the method of delay, *Brit. J. Surg.*, 25 : 106, 1972.

Author describes a musculo-cutaneous

flap and its advantage of having better blood supply. This flap has been used from thigh to leg. Its use has been illustrated by diagrams and clinical photographs.

Smahel, J. & Ganzoni, N. : The take of mesh-graft in experiment, Acta Chirur. Plast., 14.2 : 90, 1972.

Take of mesh graft has been histologi-

cally studied in pig. Epithelialisation of the ungrafted areas began on the 2nd or 3rd day. A complete epithelial layer was formed on seventh or eighth day. Mitotic activity of the graft epidermis signalled the spreading of epithelial wedge over the granulation tissue. The paper is illustrated by microphotographs.

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