



제 56차 대한악안면성형재건외과학회 종합학술대회 및 정기총회

The 56th Congress of the Korean Association of
Maxillofacial Plastic and Reconstructive Surgeons
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Educational Lecture



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Keys of mandibuloplasty for Asians

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In Asian countries, patients with a square-shaped lower face want a narrow chin as well as improvements in the mandibular angle contour, which is called a “V-line shape.” Asian people usually have wide and flat facial frame which is accentuated by prominent mandibular angle and prominent zygoma. So reduction of wide mandible, removing prominent angle can make face harmonious.

Currently, various surgical techniques have been developed for reducing mandible. Mandibuloplasty is an extended concept of mandibular angle shaving. It contains all the procedures to make lower face narrow, small, oval and slender. Usually mandibuloplasty includes extended, long curved osteotomy, which starts from the inferior mandibular margin below the lateral incisor to the angle and corticectomy or cortical shaving to reduce width of the posterior mandible. Genioplasty is often combined with mandibuloplasty. Transverse reduction and vertical lengthening of chin is usually performed. Anterior portion of long curved osteotomy and posterior portion of Genioplasty should be naturally coordinated.

Concrete concept for facial esthetics is essential to do successful mandibuloplasty. Customized surgical plan for each patient is also required.

Key Words:

mandibuloplasty, genioplasty, long curved osteotomy, corticectomy, v-line, facial frame