



DERMATOLOGICAL SURGERY

THE SUCCESSFULLY CHEEK ROTATION SKIN FLAP ON LOWER EYELID BASAL CELL CARCINOMA IN ELDERLY

De Putra⁽¹⁾ - Yf Yahya⁽¹⁾ - TI Toruan⁽¹⁾ - I Kartika⁽²⁾

Faculty Of Medicine/sriwijaya University/dr. Moh. Hoesin General Hospital, Dermatology And Venereology, Palembang, Indonesia⁽¹⁾ - Faculty Of Medicine/sriwijaya University/dr. Moh. Hoesin General Hospital, Anatomical Pathology, Palembang, Indonesia⁽²⁾

Background: Basal cell carcinoma (BCC) is the most common skin cancer in humans caused by exposure to ultraviolet light. The incidence of BCC more frequent in Caucasian than Asian races, especially in Indonesia, patients found in an aggressive type. Basal cell carcinoma is more common in elderly and more higher in women. Management of BCC depends on anatomic location and histological features. Treatment for BCC is excision and then proceed with closed the defect, whom of it is skin flap or graft. We reported a 82 years old female diagnosed as BCC, who treat with that procedure followed by closed the defect with cheek rotation flap.

Observation: We reported a 82 years old female, farmer, who complained of ulcer on left cheek, which was getting larger, higher and easy to bleed. Dermatologic examination on lower eyelid region found an ulcer, size 2.7x2.3x0.7 cm suffering with hyperpigmented necrotic tissue, solitary, and translusion positive. Dermoscopy examination found blue-gray ovoid nests, fine arborizing vessels, multiple blue-gray globules, and ulceration with ABCD criteria score 7.9 leads to malignancy. The histopathology features by excision of the lesion found nodular BCC. The tumor were removed till 3 mm from margin of the lesion and closed the defect with cheek rotation flap technique which begins rotation curve level with superior edge of defect. Until now, it showed clinical improvement with good cosmetically and recurrence does not occur.

Key message: Early detection is needed to established BCC, more heavier the severity of BCC, more difficult it is to treat. Skin flap rotation can be a surgical therapeutic option after excision, especially on the lower eyelid BCC in elderly.

