

Nasal Reconstruction in Patients with Burn Deformity

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The nose is a psychologically significant central facial structure with intricate aesthetic and functional qualities. Reconstruction of the nose after severe burn injury is always a challenging. The forehead flap is an ideal donor for skin coverage in nasal reconstruction because of good color match and excellent donor site healing. Aesthetic nasal subunits principle had become the core principle of the nasal reconstruction. Two- or three-stage forehead flap has been widely applied in nasal reconstruction. However, there are usually associated facial burns, which limits the availability of local or regional flaps. Reconstruction with unburned distant tissue is alternative solution in certain cases.

An accurate diagnosis to evaluate which tissue is still there and which tissue has lost, a comprehensive surgical planning, a communication between patients and doctors are key factors to get optimal results in burn nose reconstruction

Innovation and Refinement in Nasal Reconstruction

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Pursuing optimal nasal reconstruction results is always a huge challenge to all plastic surgeons. Understanding a sophisticated reconstructive algorithm is basic and essential. Some refinements and innovations in nasal reconstruction are proposed. These principles and planning of nasal reconstructions empower patient and surgeon, allowing the patient to expect optimal results and giving the surgeon dependably fulfill patient desires.