Osteotomy in rhinoplasty

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Osteotomy is required in most rhinoplasties because most standard rhinoplasties require the movement or alteration of the osseocartilaginous vault. In general, indications for osteotomies in rhinoplasty are open roof after the hump has been removed and a wide nasal base or correction of twisted nose. The steps of mobilizing bony pyramid include mobilizing and correcting the septum, outlining osteotomy, mobilizing the bony pyramid. Types of osteotomies include paramedian, lateral, transverse and intermediate osteotomies. Surgeons try to select the most precise technique; one that is safe and easy to perform while providing a good control of the osteotomy line. Traditionally, lateral osteotomies have been used to narrow the lateral walls of the nose, close an open-roof deformity after dorsal hump reduction and create symmetry by allowing for straightening of the nasal bony framework. Various types of osteotomy techniques, complications predictability are compared with our preferred external osteotomy technique.

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