Rhinoplasty Examination Questions

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I. List the common indications for patients undergoing rhinoplasty:
   A. Aesthetic: Large nose, nasal hump, wide nose, droopy nasal tip (Figure 1)
   B. Functional: Difficult breathing and deviated septum
   C. Congenital: Cleft lip & palate, congenital nasal abnormalities
   D. Traumatic nasal fracture
   E. Inflammatory conditions: connective tissue disorders, immune disorders
   F. Iatrogenic: recreational drug use, cocaine

II. List the important anatomical structures within the nose
   A. Cartilages
      1. Lower lateral cartilages (Figure 2)
      2. Upper lateral cartilages (Figure 2)
      3. Septal cartilage (Figure 2)
   B. Nasal Bones (Figure 2)
   C. Nasal SMAS (Superficial muscular aponeurotic system: Soft tissue envelope that is beneath the skin and above the bone and cartilage, continuous with SMAS layer of forehead)
   D. Skin envelope

III. Describe the directional anatomical terms for rhinoplasty:
   A. Rotation vs. Counter-rotation (Figure 3)
   B. Projection vs. Deprojection (Figure 3)
   C. Dorsal vs. Caudal (Figure 3)