

PREOPERATIVE DIAGNOSIS: , Incompetent glottis.,POSTOPERATIVE DIAGNOSIS:, Incompetent glottis.,OPERATION PERFORMED:,1. Fat harvesting from the upper thigh.,2. Micro-laryngoscopy.,3. Fat injection thyroplasty.,FINDINGS AND PROCEDURE: , With the patient in the supine position under adequate general endotracheal anesthesia, the operative area was prepped and draped in a routine fashion. A 1-cm incision was made in the upper thigh, and approximately 5 cc of fat was liposuctioned from the subcutaneous space. After this had been accomplished, the wound was closed with an interrupted subcuticular suture of 4-0 chromic and a light compression dressing was applied.,Next, the fat was placed in a urine strainer and copiously washed using 100 cc of PhysioSol containing 100 units of regular insulin. After this had been accomplished, it was placed in a 3-cc BD syringe and, thence, into the Stasney fat injector device. Next, a Dedo laryngoscope was used to visualize the larynx, and approximately *** cc of fat was injected into the right TA muscle and *** cc of fat into the left TA muscle.,The patient tolerated the procedure well and was returned to the recovery room in satisfactory condition. Estimated blood loss was negligible.