Passy Muir Valve and Provox XtraBase baseplate following four flap epithelial lined tracheotomy with thyroid isthmusectomy and anterior cervical lipectomy

Redirecting to: https://medicine.uiowa.edu/iowaprotocols/passy-muir-valve-and-provox-xtrabase-baseplate-following-four-flap-epithelial-lined-tracheotomy

Passy-Muir Valve (PMV 005) and Provox XtraBase baseplate following four flap epithelial lined tracheotomy with thyroid isthmusectomy and anterior cervical lipectomy

return to: Four-flap Epithelial Lined Tracheotomy

Clinical Background: Tracheomalacia status post previous standard tracheotomy (subsequently removed)
   a. Untreated OSAS; morbid obesity
   b. Diabetes
   c. Other cardiopulmonary comorbidities.

Findings on endoscopy and at time of tracheotomy
   a. Firm narrowing of trach 3.8 cm below vcs (upper aspect of previous tracheotomy)
   b. Large thyroid isthmus

3. Note an alternative is to use an obturator fashioned by an anaplastologist or dental prosthetodontist as per Harley (1971) and Friedberg (1974)
Four-flap epithelial lined tracheotomy

Epithelial lined tracheotomy
Post-operative day #15

Epithelial lined tracheotomy
Post-op day 31

Epithelial lined tracheotomy
Post-op day #50

Provox Xtravoice baseplate with
Paxay Muir Valve (PMV1005)
permitting fluid intake/dry speech

Post-op day 1/23/15 (1 yrs 9 months postop)
References
