

Detailed Technique of Transoral Arytenoid Adduction

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Arytenoid adduction is very useful and reliable treatment method for permanent unilateral vocal fold paralysis. Main mechanism of this procedure is vocal fold repositioning by pulling the muscular process of arytenoid cartilage in the direction of adductor muscles, which resembles the adducted position in nature. Most commonly used arytenoid adduction technique in current was established by Dr. Isshiki. This conventional method requires a 4-5 cm-long skin incision and cutting the inferior pharyngeal constrictor muscle to approach to the posterior edge of the thyroid cartilage. Furthermore, to locate and manipulate the muscu-

lar process, excessive rotation of the larynx and dislocation of the cricothyroid joint or a partial resection of posterior edge of thyroid cartilage is necessary. These may result in not only cosmetic problem but also postoperative pain and swallowing problem. However, identification and tacking of the muscular process is possible transorally and thus arytenoid adduction can be done with much decreased morbidity. In this video presentation, the detailed technique of transoral arytenoid adduction is presented by the originator of the procedure.