

VALIDATION OF AN AERODIGESTIVE PROVIDER ASSESSMENT SURVEY

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Background: Multidisciplinary aerodigestive clinics are common in the pediatric practice. These programs have a higher success rate in alleviating symptoms, decreasing hospital admission and improving patient and family quality of life. However, these programs are not common in adult practice. As an initial step towards developing a formal pathway to help these patients establish care in with the adult specialties, a survey was developed and validated to help assess provider attitude and current practice of caring for young adults with aerodigestive issues.

Materials/Methods: A survey assessing provider knowledge and current practice in the transition of patients with chronic aerodigestive disorders from pediatric to adult care was drafted by a multidisciplinary expert panel. Once agreement of the initial survey items was obtained, the survey was distributed to a national multidisciplinary panel of aerodigestive experts for review. Responses from the national panel were systematically quantified and a content validity index (CVI) was calculated.

Results: From the initial 22 items presented to the national panel, 20 of the initial questions were included in the final instrument. Two additional questions were developed as a result of feedback from the expert panel. All items included in the survey had an Item Content Validity Index (I-CVI) of >0.85. The average Scale CVI in proportion to the average proportion of relevance (S-CVI/Ave) for the tool was 0.88. The average Scale CVI in proportion to universal agreement (S-CVI/UA) was 0.52.

Conclusions: The content validity index measurements from this newly developed survey suggest that it is a valid tool for assessing current knowledge and practice in care transitions among patients with complex aerodigestive needs. The survey developed in this project will be utilized to identify knowledge gaps and process issues that can be addressed to ease the transition of adolescents from pediatric specialty care in to adult specialty care.

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