

Supplemental Material S1. Risk of bias assessment.

First Author and Year	Title	N	Use of Randomization	Study Design	Use of Validated Instrument	Received funding	Overall Bias Rating
Antin, F. 2021	Rehabilitation following total laryngectomy: Oncologic, functional, socio-occupational and psychological aspects	133	No	Cross Sectional	Yes	No	Low
Blood, G. 1994	Spouses of individuals with laryngeal cancer: caregiver strain and burden	75	No	Cross Sectional	Yes	Yes	Low
Cnossen, I. 2015	A participatory design approach to develop a web-based self-care program supporting early rehabilitation among patients after total laryngectomy	12	No	Case Series	N/A	Yes	High
Graboyes, E. 2017	Association of perioperative education program with unplanned remission following total laryngectomy	50	No	Cohort	N/A	Yes	Medium
Gür, H. 2020	The effect of partial and total laryngectomy on couples' sexual functions in med with larynx cancer	78	No	Cohort	Yes	No	Low
Herranz, J. 1999	Psychosocial adjustment after laryngeal surgery	198	No	Cross Sectional	Yes	No	Low
Kommers, M. 1979	Wives' Evaluation of problems related to laryngectomy	45	No	Cross Sectional	No	No	Medium
Mathieso, C. 2007	Psychology & Health: the impact of a laryngectomy on the spouse: who is better off?	60	No	Qualitative/ Descriptive	No	Yes	High
Meyer, A. 2015	Psychological distress and need for psycho-oncological support in spouses of total laryngectomized cancer patients - results for the first 3 years after surgery	154	No	Cross Sectional	Yes	Yes	Low
Offerman,	Psychosocial consequences for partners	295	No	Cross	Yes	Yes	Low

M. 2015	and patients after total laryngectomy and for the relationship between patients and partners			Sectional			
Spito, A. 2019	A therapeutic education program for patients that underwent a temporary tracheostomy and total laryngectomy: leading to improve the "diagnostic, therapeutic, and assistance path"	49	No	Not a Study	N/A	No	High
Zeine, L. 2017	Pre- and post-operative counseling for laryngectomees and their spouses: an update	153	No	Cross Sectional	No	No	Medium