

**Supplementary Table 5.** Summary of evidence for type of gastrostomy tube (patients with upper aerodigestive tract cancers)

Study	Publication year	Country	Study period	Population (adults vs. children)	Major indications for PEG	No. of participants	Pull method	Push method	PEG metastasis rates	
									Pull method	Push method
Siu et al. <sup>66</sup>	2020	USA	To 2019	Adults (age ≥18 yr)	UADT malignancies	10,388 From 98 Studies	7,887	2,501	0.56% (95% CI, 0.40%–0.79%)	0.29% (95% CI, 0.15%–0.55%)
Fung et al. <sup>65</sup>	2017	USA	1/5/2009–12/22/2014	Adults	Head and neck malignancy	777	777	-	5 (1 stromal metastasis, 4 radiologically detected either on CT or PET)	-

PEG, percutaneous endoscopic gastrostomy; UADT, upper aerodigestive tract; CI, confidence interval; CT, computed tomography; PET, positron emission tomography.