

Supplementary Online Content

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eTable 1. Codes Used for Selecting Cohort

eTable 2. Surgical Characteristics of Cohort

eTable 3. Rate of VTE Based on the Type of Cancer in Entire Cohort

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Codes Used for Selecting Cohort

Head and neck site	ICD-O-3 Site Codes
Oral cavity	C-00.0-C00.9, C-02.0-02.3, C-02.8-03.1, C-03.9-04.1, C-04.8-05.2, C-05.8-06.2, C-06.8-06.9
Oropharynx	C-09.0-09.1, C-09.8-09.9, C-10.0-10.4, C-10.8-10.9, C-02.4, C-01.9, C14.0, 14.2, 14.8
Larynx	C-32.0-32.3, C-32.8-32.9
Hypopharynx	C-12.9-13.2, C13.8-13.9
	ICD-O-3 Histology Codes
Squamous cell carcinoma	8052, 8070-8076, 8083-8084, 8094 8560

Abbreviations; ICD-O-3 = International Classification of Diseases for Oncology, Third Edition

eTable 2. Surgical Characteristics of Cohort

Type of Surgery	General Surgery	Plastic Surgery	Otolaryngology
	n = 1,236,115 n (%)	n = 27,280 n (%)	n = 31,896 n (%)
Skin surgery	15979 (1.3)	7417 (27.4)	1322 (4.1)
Breast surgery	80015 (6.5)	16325 (60.4)	31 (0.1)
Musculoskeletal surgery	13237 (1.1)	2166 (8.0)	2056 (6.5)
Laryngeal/airway surgery	102 (0.0)	1 (0.0)	1164 (3.7)
Chest/lung surgery	6298 (0.5)	5 (0.0)	3 (0.0)
Aneurysm, blood vessel, vascular surgery	11358 (0.9)	89 (0.3)	54 (0.2)
Hemic system, spleen surgery	6791 (0.6)	0 (0.0)	0 (0.0)
Lymph node surgery	6251 (0.5)	46 (0.2)	2659 (8.3)
Oral cavity surgery	182 (0.0)	98 (0.4)	3765 (11.8)
Salivary gland surgery	455 (0.0)	37 (0.1)	3731 (11.7)
Tonsil/adenoid surgery	15 (0.0)	1 (0.0)	1926 (6.0)
Other oropharyngeal surgery	23 (0.0)	1 (0.0)	402 (1.3)
Esophageal surgery	31761 (2.6)	5 (0.0)	287 (0.9)
Stomach, intestine, colon, anus, liver, pancreas, omentum, peritoneum	619965 (50.5)	61 (0.2)	17 (0.1)
Appendix surgery	141994 (11.6)	6 (0.0)	7 (0.0)
Biliary tract surgery	127088 (10.4)	4 (0.0)	0 (0.0)
Hernia surgery	89844 (7.3)	615 (2.3)	3 (0.0)
Endocrine surgery	75738 (6.2)	8 (0.0)	13079 (41.1)
Skull base/neurological surgery	386 (0.0)	144 (0.5)	733 (2.3)
Otological surgery	1 (0.0)	0 (0.0)	619 (1.9)

eTable 3. Rate of VTE Based on the Type of Cancer in Entire Cohort

Cancer status	Rate of VTE	CI
No cancer (n = 1,015,605)	1.0%	1.0-1.1
Any Cancer (n = 279,675)	1.8%	1.7-1.8
Upper aerodigestive tract (n = 5,280)	1.7%	1.3-2.0
Thyroid (n = 22,036)	0.2%	0.1-0.2
Salivary gland (n = 4,259)	0.4%	0.2-1.0
Skin (n = 4,259)	1.5%	1.2-1.9
Gastrointestinal (n = 132,591)	2.4%	2.3-2.5

Overall observed rate of VTE. Type of cancer determined from postoperative ICD-9 diagnosis. Abbreviations; CI = confidence interval.