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| **Supplementary Table 1. International Classification of Diseases (ICD) codes for outcomes and covariates** | | | |
| **Category** | | **ICD-10-SE** | **ICD-9-SE** |
| Outcomes |  |  |  |
|  | Esophageal squamous cell carcinoma | C15 (ICD-O-3: 8050-8078,8083-8084) | Not used |
|  | All malignancies except for non-melanoma skin cancer | C00-C97 excluding C44 | Not used |
| Covariates |  |  |  |
|  | Personal history of smoking and smoking-related disorders | Z72.0 Tobacco use; J40-J44, J47 Chronic obstructive pulmonary disease related diagnosis | 305B Tobacco use; 490, 491, 478X, 292A, 292B, 292C, 294A, V15W, V15X, 779W, 779X, V13W, V13X, V65E, 492, 496, 494 Chronic obstructive pulmonary disease related diagnosis |
|  | Alcohol-overconsumption-related disorders | F10 Alcohol-related disorders; G31.2 Degeneration of nervous system due to alcohol; G62.1 Alcohol polyneuropathy; G72.1 Alcoholic myopathy; I42.6 Alcohol cardiomyopathy; K29.2 Alcoholic gastritis; K70-K70.4, K70.9 Alcoholic liver disease; K86.0 Alcohol-induced chronic pancreatitis; Z71.4 Alcohol abuse counselling and surveillance; X45, Y15, T51.0, T51.1, T51.9 Alcohol poisoning | 291, 303, V79B Alcohol-related disorders; 305A Degeneration of nervous system due to alcohol; 357F Alcohol polyneuropathy; 359E Alcoholic myopathy; 425F Alcohol cardiomyopathy; 535D Alcoholic gastritis; 571, 572W Alcoholic liver disease; 577B Alcohol-induced chronic pancreatitis; V65E Alcohol abuse counselling and surveillance; E860, E862, E980, 980A, 980B, 980X Alcohol poisoning |

Abbreviations: ICD-O-3= International Classification of Diseases for Oncology, version 3