Supplementary Table 1. Working definitions derived from insurance claims data

Disease	Working definition
OSAS	At least one claim under ICD-10 code G47.3
Oral cancer	At least one claim under ICD-10 code C00-06 and registered as a cancer patient in the National Medical Expenses Support Program
Diabetes	At least one claim per year for the prescription of anti-diabetic medication under ICD-10 code E11-14
Hypertension	At least one claim per year for the prescription of anti-hypertensive medication under ICD-10 code I10-13 or I15
Dyslipidemia	At least one claim per year for the prescription of anti-dyslipidemic medication under ICD-10 code E78
Stroke	At least one claim under ICD-10 code I63 or I64
COPD	At least one claim under ICD-10 code J41, J42, J43, or J44
IHD	At least one claim under ICD-10 code I20, I21, I22, I23, I24, or I25

OSAS, obstructive sleep apnea syndrome; ICD-10, 10th edition of the International Classification of Diseases; COPD, chronic obstructive pulmonary disease; IHD, ischemic heart disease.