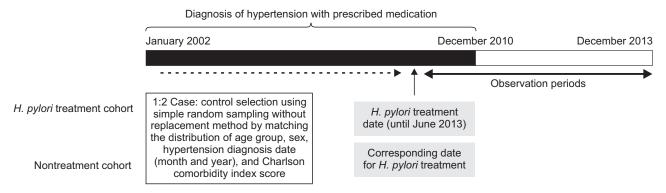
Supplementary Table 1. Disease Codes Used for Patient Selection and Outcome Evaluation

Terms in article	ICD-10 code	Diagnosis
Hypertension	I10	Essential (primary) hypertension
Cardiovascular disease	I20	Angina pectoris
	I21	Acute myocardial infarction
	I22	Subsequent myocardial infarction
	I23	Certain current complications following acute myocardial infarction
	I24	Other acute ischaemic heart diseases
	I25	Chronic ischaemic heart disease
Cerebrovascular disease	I60	Subarachnoid haemorrhage
	I61	Intracerebral haemorrhage
	I62	Other nontraumatic intracranial haemorrhage
	I63	Cerebral infarction
	I64	Stroke, not specified as haemorrhage or infarction
	I65	Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction
	I66	Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction
Oral cancer	C00-14	Malignant neoplasms of lip, oral cavity and pharynx
Esophagus cancer	C15	Malignant neoplasm of oesophagus
Stomach cancer	C16	Malignant neoplasm of stomach
Colorectal cancer	C18	Malignant neoplasm of colon
	C19	Malignant neoplasm of rectosigmoid junction
	C20	Malignant neoplasm of rectum
Liver cancer	C22	Malignant neoplasm of liver and intrahepatic bile ducts
Biliary tract cancer	C23	Malignant neoplasm of gallbladder
	C24	Malignant neoplasm of other and unspecified parts of biliary tract
Pancreatic cancer	C25	Malignant neoplasm of pancreas
Larynx cancer	C32	Malignant neoplasm of larynx
	C33	Malignant neoplasm of trachea
Lung cancer	C34	Malignant neoplasm of bronchus and lung
Breast cancer	C50	Malignant neoplasm of breast
Ovary cancer	C56	Malignant neoplasm of ovary
Prostate cancer	C61	Malignant neoplasm of prostate
Kidney cancer	C64	Malignant neoplasm of kidney, except renal pelvis
Bladder cancer	C67	Malignant neoplasm of bladder
Brain and CNS cancer	C70	Malignant neoplasm of meninges
	C71	Malignant neoplasm of brain
	C72	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system
Thyroid cancer	C73	Malignant neoplasm of thyroid gland
Hodgkin lymphoma	C81	Hodgkin lymphoma
Non-Hodgkin lymphoma	C82	Follicular lymphoma
	C83	Non-follicular lymphoma
	C84	Mature T/NK-cell lymphomas
	C85	Other and unspecified types of non-Hodgkin lymphoma
	C96	Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue
Leukaemia	C91	Lymphoid leukaemia
	C92	Myeloid leukaemia
	C93	Monocytic leukaemia
	C94	Other leukaemias of specified cell type
	C95	Leukaemia of unspecified cell type



Supplementary Fig. 1. After study cohort selection, the observation period for outcome evaluation started from the *Helicobacter pylori* treatment date in the treatment cohort and the corresponding date in the nontreatment cohort. The observation period ended in December 2013.