

Supplementary Table 1. Diagnosis, drug and procedure codes with descriptions

Code	Description						
ICD-10 codes							
J45	Asthma						
J45.0	Predominantly allergic asthma						
J45.0-002	Atopic asthma						
J45.0-003	Extrinsic allergic asthma						
J45.1	Nonallergic asthma						
J45.1-001	Intrinsic nonallergic asthma						
J45.1-002	Idiosyncratic asthma						
J45.8	Mixed asthma						
J45.9	Asthma, unspecified						
J45.9-001	Late-onset asthma						
J45.9-002	Asthmatic bronchitis NOS						
J46.0	Status asthmaticus						
J46.1	With nonallergic asthma						
J46.8	With mixed asthma						
J46.9	With unspecified asthma						
Procedure							
F6001	Pulmonary function test (flow-volume test is not performed)						
F6002	Pulmonary function test (flow-volume test included)						
F6012	Pulmonary function test (cardiopulmonary exercise tests)						
E7122	Bronchial provocation test (specific antigen)						
E7123	Bronchial provocation test (reversibility test)						
E7128	Bronchial provocation test NOS (mannitol provocation test)						
E7129	Bronchial provocation test NOS						
Drugs (codes)							
107301ATB	135301ASY	163101ACH	193501BIJ	218303ASY	237002ACR	374602ATB	506600CSI
107301ATR	135302ATB	163101ASY	193502BIJ	218304CSI	237003ACH	374602ATD	525700CSI
107302BIJ	140801ATB	163101ATB	193601BIJ	225501ATB	237003ACR	374603AGN	525800CSI
107303ATR	140802ATB	163102CSI	193602BIJ	225502CSI	237003ASY	374603ATB	526200CSI
113601ATB	141901ATB	163104ASY	193603BIJ	225503ACR	237003ATR	374603ATD	A0055101
113602ASY	141903ATB	163104ATB	193604BIJ	225503ATB	237004ACR	391800CSI	A0064701
113801ATB	142001BIJ	168901ATB	199701CAE	225503ATR	237005ATR	401800CSI	A0064801
113802ATB	142201BIJ	168901BIJ	204801ATB	225505ASY	243201ATB	407100CSI	A0080001
114506CSI	142202BIJ	169001ATB	204802BIJ	225506CSI	243202ATB	407200CSI	A0087101
114507CSI	142203BIJ	170901ATB	206901ATB	225507ACR	243203ATB	407300CSI	A0132601
114508CSI	144001ATB	170905ATB	216401ACH	225507ATR	243301BIJ	439101ATB	A0189801
114509CSI	147101ATB	170906ATB	216402ASS	225508CSI	243303BIJ	441700CSI	A1015001
114510CSI	147102BIJ	171201BIJ	216402ASY	225509CSI	243305BIJ	449600ATB	B0024301
116401ATB	152401BIJ	171202BIJ	216403ACH	225601ACR	243306CSI	452101CPC	B0086404
116501ATB	152601BIJ	171203BIJ	216404ATB	225601ATR	245701ATB	452102CPC	B0134101
116502BIJ	152601CLQ	177101CLQ	216405ATB	225802CSI	249701ATB	452103CPC	B0201201
119402CAE	152602BIJ	177103CLQ	217001ATB	235801ATB	264800ATB	453400CSI	
119403CAE	157901ATB	177104CAE	217003ASY	235803CSI	316100BIJ	457301CCH	
119404CSI	157902CLQ	178301BIJ	217004ASY	235804ASY	334400CAE	457301CSI	
119405CLQ	157903CAE	192301ATB	217101BIJ	235805CLQ	334500CSI	497101CSI	
119407CAE	162202CSI	193301ATB	217301BIJ	235806ATB	334600CSI	497102CSI	
119502CSI	162203CSS	193302ATB	217302BIJ	235806ATR	334700CSI	502000CSI	
119504CAE	162204CSI	193303ATB	217401ATB	236901ASY	334800CAE	503401CSI	
119505CSI	162205CSI	193304ATB	218301ATB	237001ACH	374601ATB	506400CSI	
119506CSI	162206CSS	193305ATB	218302ATB	237001ACR	374601ATD	506500CSI	

ICD-10, International Classification of Disease, Tenth Revision, Clinical Modification; NOS, not otherwise specified.