

Supplemental Online Content

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eAppendix 1. Medications associated with parkinsonism for exclusion criteria

eAppendix 2. Diagnosis codes used to identify exposures of interest

eAppendix 3. Month-year ranges used for influenza exposure definitions derived from data from the Danish National Patient Registry

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

eAppendix 1. Medications associated with parkinsonism for exclusion criteria

Aripiprazole	Paliperidone
Asenapine	Periciazine
Brexpiprazole	Perphenazine
Chlorpromazine	Pimozide
Chlorprothixene	Prochlorperazine
Cinnarizine	Promazine
Clebopride	Promethazine
Clozapine	Quetiapine
Droperidol	Reserpine
Flunarizine	Risperidone
Fluphenazine	Sulpiride
Flupenthixol	Sulpiride/L-sulpiride
Haloperidol	Tetrabenazine
lloperidone	Thioridazine
Levopromazine	Thioproperazine
Loxapine	Thiopropazate
Lurasidone	Tiothixene
Mesoridazine	Trifluoperazine
Metoclopramide	Valbenazine
Methoxypromazine	Ziprasidone
Olanzapine	

eAppendix 2. Diagnosis codes used to identify exposures of interest

	International Classification of Diseases, 8 th edition	International Classification of Diseases, 10 th edition
Influenza	470-474	J09-J11
Gastrointestinal infection	000-009	A00-A09
Tuberculosis	010-018	A15-A19
Miscellaneous bacterial infections	020-033, 037,039, 080-083, 088, 089, 100-104	A20-A38, A42-A44, A48-A49, A65-A79
Meningococcal disease	036	A39
Septicemia	038	A40-A41
Sexually transmitted diseases	090-099	A50-A64
Herpes simplex or zoster	053-054	B00, B02
Viral hepatitis	070	B15-B19
HIV		B20-B24
Miscellaneous viral infections	050-052, 055-057, 060-61, 067-068, 071-079	A90-A99, B01, B03-B09, B25-B34
Candidiasis and other fungal infections	110-117	B35-B49
Parasitic infections	084-087, 120-136	B50-B89
Other infections or sequelae	019, 044, 066, 361, 362, 364.00,366.00, 367.00, 368.00, 368.05, 369.00, 369.01, 380-384, 522.59, 527.39, 528.39	B90-B99, E06.0, E32.1, H00, H01.0, H03.0, H03.1, H05.0, H06.1, H10, H13.1, H19.1-H19.2, H22.0, H32.0, 44.0, H60.0, H60.1, H60.3, H62.0-H62.3, H65.0, H66.0-H66.4, H67, H70.0, J85.3, K04.0, K04.6, K04.7, K05.2, K11.3, K12.2, N61.9
CNS infections (except meningococcal disease)	040-043, 045-046, 062-065, 320, 322-323	A80-A89, G00-G07
Heart infections (acute rheumatic fever, infectious peri- or myocarditis, endocarditis)	390-391, 420-424,	I00-I02, I30.1, I32.0, I33, I38,I39.8, I40.0
Upper respiratory tract infection	034, 460-465, 501, 503, 508	J00-J06, J36, J39.0, J39.1

Pneumonia	480-486	J12-J18
Other lower respiratory tract infection	466, 510, 513	J20-J22, J44.0, J85.1, J86
Intraabdominal infections	255.99, 289.40, 540-542, 566-567, 569, 572, 575, 577.03, 567.08	K35, K37, K57.0, K57.2, K57.4, K57.8, K61, K63.0, K65.0, K65.9, K67, K75.0, K75.1, K80.0, K80.3, K80.4, K81.0, K81.9, K83.0, K85.9
Skin and subcutaneous infections, including cellulitis/erysipelas and lymphadenitis	035, 289.39, 380.00, 522.59, 508.00-508.3, 508.05, 566.00, 590.21, 611.01, 680-686	A46, J34.0, L00-L08
Septic arthritis, osteomyelitis, myositis	710-711, 720, 732.99	M00, M01, M86, M63.0-M63.2
Urinary tract infections	590, 595, 599.00, 599.06, 597.03	N10, N12, N15.1, N30, N33.0, N34.0, N34.1, N39.0
Male genital infections	601, 604	N41, N45
Female pelvic infections	612-614, 616, 620, 622, 629.49	N70-N77
Obstetrical infections	630, 635, 670, 678.00, 678.01, 678.09	O23, O26.4, O41.1, O74.0, O75.3, O85, O86, O88.3, O91, O98
Infectious complications of procedures, catheters etc. (e.g. T84.7 Infection due to orthopaedic prosthetic devices, etc.)	997.69, 998.59, 999.39, 998.79	T80.2, T81.4, T82.6, T82.7, T83.5, T83.6, T84.5, T84.6, T84.7, T85.7, T88.0, T89.9

ICD-10 diagnosis codes are inclusive through three-digit codes unless otherwise noted.

eAppendix 3. Month-year ranges used for influenza exposure definitions derived from data from the Danish National Patient Registry

February – March 1978
February – April 1979
March 1980
January – March 1981
February – March 1983
March – April 1984
January – March 1985
March – April 1986
December 1986 – January 1987
December 1988 – February 1989
December 1989 – February 1990
February 1991
February 1992
January – March 1993
November – December 1993
December 1995 – January 1996
February 1997
February 1998
February – March 1999
January – February 2000
February 2001
March 2002

March 2003
December 2003 – January 2004
March 2005
February – March 2007
January - February 2009
November – December 2009
January – February 2011
December 2012 – March 2013
February – March 2014
January – April 2015
January – March 2016
December 2016

We only counted individuals as exposed if they had a diagnosis code of interest in one of the time frames listed. The months are inclusive of all days per month. The monthly influenza-specific diagnosis codes informed the windows for this definition.