

**Online Supplement**

**Comparative Effectiveness of Roflumilast and Azithromycin for the Treatment of Chronic Obstructive Pulmonary Disease**

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Table 1.

Condition	ICD-9	ICD-10
Alpha-1-antitrypsin deficiency	273.4	E88.01
Asthma	493	J45
Arrhythmias	426-427	I44-I45; I48-I49
Cancer	140-165; 170-172; 174-175; 179-184; 186-208; 209.0-209.3; 209.7; 235-239	C00-C26; C30-C41; C43; C4A; C45; C47-C58; C60; C62-C80; C7A; C7B; C81-C97; D37-D49
Cerebral vascular disease	430-438	G45-G46; I60-I69
Chronic kidney disease	250.4; 285.21; 403-404; 585.1-585.6; 585.9	D63.1; E10.22; E11.22; E13.22; E14.22; I12-I13; N18.1-N18.6; N18.9
Chronic liver disease	070.22-070.23; 070.32-070.33; 070.44; 070.54; 070.7; 456.0-456.2; 571.0; 571.2-571.6; 571.8-571.9; 572.2-572.4; 572.8	B18; K70; K72.1; K72.9; K71.1; K71.3; K71.4; K71.5; K71.7; K73; K74; K75.4; K75.81; K76.0; K76.6; K76.7; K76.81; I85.0; I85.1; I86.4
Chronic obstructive pulmonary disease (COPD)	490-492; 493.20-493.22; 496	J40-J44
Diabetes mellitus	250	E10-E14
Dyslipidemia	272	E78
Heart failure	398.91; 402.01; 402.11; 402.91; 404.01; 404.03; 404.11; 404.13; 404.91; 404.93; 428	I09.81; I11.0; I13.0; I13.2; I50
History of tobacco use	305.1; 649.0; 989.84; V15.82	F17; O99.33; T65.22; Z71.6; Z87.891
HIV/AIDS	042-044; V08	B20-B24; Z21
Hypertension	401-405	I10-I13; I15
Ischemic heart disease	410-412; 414	I21-I25
Lung cancer	162	C34
Metastatic cancer	196-199; 209	C77-C80; C7B
Mood disorders	300.0; 300.4; 311	F32-F34
Obstructive sleep apnea	327.23	G47.33
Osteoporosis	733.0	M80-M81
Peripheral vascular disease	440; 443.81; 443.9; 445	I70; I73.9; I75; E10.5; E11.5; E13.5; E14.5
Rheumatological/Immune diseases	135; 274; 340; 446.0; 446.2-446.5; 446.7; 555-556; 558.4; 558.9; 714; 710.0-710.5; 710.8-710.9	D86; G35; K50-K51; K52.3; K52.8; M05-M06; M10; M1A; M30.0-M30.2; M30.8; M31.0; M31.2-M31.9; M32-M34; M35.1-M35.6; M35.8-M35.9