Supplementary Table 1: Diagnosis and procedure codes for features of interest among histoplasmosis patients,

2012–2014

Variable	Diagnosis or procedure code
Histoplasmosis	ICD-9-CM code 115 (excluding 115.02, 115.12, and 115.92)
Disseminated histoplasmosis	ICD-9-CM codes 115.01, 115.03, 115.04, 115.11, 115.13, 115.14, 115.91, 115.93, 115.94
Unspecified histoplasmosis	ICD-9-CM codes 115.00, 115.09, 115.10, 115.19, 115.90, 115.99
Pulmonary histoplasmosis	ICD-9-CM codes 115.05, 115.15, 115.95
Histoplasmosis-related visit	ICD-9-CM code 115 or ICD-10-CM code B39 during a hospitalization or at an outpatient visit
Conditions on or in the year before index date	
Diabetes	ICD-9-CM codes 249, 250
Chronic obstructive pulmonary disease	ICD-9-CM codes 490, 491, 492, 494, 496
HIV/AIDS	ICD-9-CM code 042
Tuberculosis	ICD-9-CM codes 010-018
Immune-mediated inflammatory diseases	ICD-9-CM codes 555, 556, 696.0, 696.1, 696.8, 714.0, 714.2
Solid organ or stem cell transplant	ICD-9-CM codes V42 (excluding V42.3–V42.5), 996.8
Hematologic malignancy	ICD-9-CM codes 200-208
Immunocompromised	HIV/AIDS, immune-mediated inflammatory disease, transplant, or hematologic malignancy
Symptoms consistent with histoplasmosis	
Fever/chills	ICD-9-CM codes 780.60, 784.64
Cough	ICD-9-CM code 786.2
Headache	ICD-9-CM code 784.0
Malaise/fatigue	ICD-9-CM code 780.79
Chest pain	ICD-9-CM codes 786.50, 786.52, 786.59
Shortness of breath/wheezing	ICD-9-CM codes 786.05, 786.07, 786.09
Myalgia/arthralgia	ICD-9-CM codes 719.4, 729.1
Clinical findings consistent with histoplasmosis	
Swelling, mass, or lump in chest	ICD-9-CM code 786.6
Lymphadenopathy	ICD-9-CM code 785.6
Pulmonary nodule	ICD-9-CM code 793.11
Other respiratory diagnoses	
Influenza	ICD-9-CM codes 487, 488
Pneumonia	ICD-9-CM codes 480.9, 482.9, 485, 486
Bronchitis	ICD-9-CM codes 466.0, 490
Acute sinusitis	ICD-9-CM code 461
Allergic rhinitis	ICD-9-CM code 477.9
Asthma	ICD-9-CM code 493
Lung cancer	ICD-9-CM code 162
Sarcoidosis	ICD-9-CM code 135

Unspecified acute respiratory infection	ICD-9-CM code 465
Other unclassified lung disease	ICD-9-CM code 518.89
Nonspecific abnormal finding of lung field	ICD-9-CM code 793.19
Laboratory testing and imaging	
Histoplasma antibody test	CPT codes 86671, 86698
Histoplasma antigen test	CPT code 87385
Fungal smear	CPT codes 87205, 87206, 87210
Fungal culture	CPT codes 87101, 87102, 87103, 87106, 87107
Biopsy	ICD-9-CM codes 33.20, 33.24, 33.25, 33.26, 33.27, 33.28, 34.20, 34.23, 34.24, 34.25, 34.26, 34.27, 40.11, 41.31, 41.32, 41.33; CPT codes 01112, 31625, 31628, 31629, 31632, 31633, 31652, 31653, 31717, 32095, 32096, 32097, 32098, 32400, 32402, 32405, 32602, 32604, 32606, 32607, 32608, 32609, 32705, 38221, 38222, 38500, 38505, 39000, 39010, 39400, 39401, 39402, 47000, 47001, 47100, 76001, 76003, 76393, 85102, C1830, G0364
Cytopathology	CPT codes 88104, 88106, 88107, 88108, 88112, 88160, 88161, 88162, 88172, 88173, 88177
Chest imaging	CPT codes 71010, 71015, 71020, 71021, 71022, 71023, 71030, 71034, 71035, 71045, 71046, 71047, 71048, 71101, 71110, 71111, 71250, 71260, 71270
Pneumothorax	ICD-9-CM codes 518.0, 512.89, 512.1 or ICD-10-CM codes J93.x, J95.811, J98.11, J98.19
Pleural effusion	ICD-9-CM code 511.9 or ICD-10-CM codes J90.x, J91.8
Post-inflammatory pulmonary fibrosis	ICD-9-CM code 515 or ICD-10-CM code J84.10
Acute respiratory failure or hypoxemia	ICD-9-CM codes 518.81, 799.02 or ICD-10-CM codes J96.0, J96.9, R09.02
Acute kidney failure	ICD-9-CM code 584.9 or ICD-10-CM code N17.x

Supplementary Table 2: Related inpatient diagnoses among patients hospitalized for histoplasmosis

Characteristic	n=377	%
Pneumothorax	99	26.3%
Post-inflammatory pulmonary fibrosis	64	17.0%
Acute respiratory failure or hypoxemia	62	16.4%
Pleural effusion	58	15.4%
Acute kidney failure	39	10.3%