

Online Supplement
Corticosteroid Dosing and Glucose Levels in COPD Patients Are Not Associated with Increased Readmissions

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Supplement A. COPD Exacerbations defined in two ways based on CMS guidelines:

One. The primary diagnosis from List 1:

List 1.

Primary Diagnosis	ICD-9	ICD-10
Acute bronchitis with chronic obstructive pulmonary disease (COPD) (HCC)	491.22	
Acute exacerbation of chronic bronchitis (HCC)	491.9	
Acute exacerbation of chronic obstructive pulmonary disease (HCC)	491.21	
Airflow obstructions, chronic	496	
Asthma with chronic obstructive pulmonary disease (COPD) (HCC)	493.20	
Asthma with COPD with status asthmaticus (HCC)	493.21	
Chronic obstructive asthma with exacerbation (HCC)	493.22	
Chronic obstructive pulmonary disease with (acute) exacerbation		J44.1
Chronic obstructive pulmonary disease, unspecified		J44.9
Emphysema/COPD (HCC)	492.8	
Other chronic bronchitis	491.8	
Other emphysema		J43.8
Unspecified chronic bronchitis		J42

Two. A primary diagnosis from List 2.a along with a secondary diagnosis from List 2.b.

List 2.a.

Primary Diagnosis	ICD-9	ICD-10
Acute and chronic respiratory failure	518.84	
Acute and chronic respiratory failure, unspecified whether with hypoxia or hypercapnia		J96.20
Acute respiratory distress	518.82	
Acute respiratory distress syndrome		J80

Acute respiratory failure (HCC)	518.81	
Acute respiratory failure, unspecified whether with hypoxia or hypercapnia		J96.00
Respiratory arrest		R09.2
Respiratory arrest (HCC)	799.1	
Respiratory failure, unspecified, unspecified whether with hypoxia or hypercapnia		J96.90

List 2.b.

Secondary Diagnosis	ICD-9	ICD-10
Acute exacerbation of chronic obstructive pulmonary disease (HCC)	491.21	
Acute bronchitis with COPD (HCC)	491.22	
Asthma with COPD with status asthmaticus (HCC)	493.21	
Asthma with COPD with exacerbation (HCC)	493.22	
Chronic obstructive pulmonary disease with (acute) exacerbation		J44.1
Chronic obstructive pulmonary disease, unspecified		J44.9