Package ‘codexcopd’

May 18, 2020

Type Package

Title The CODEX (Comorbidity, Obstruction, Dyspnea, and Previous Severe Exacerbations) Index: Short and Medium-Term Prognosis in Patients Hospitalized for Chronic Obstructive Pulmonary Disease (COPD) Exacerbations

Version 0.1.0

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Description Predicts 3 to 12 months prognosis in Chronic Obstructive Pulmonary Disease (COPD) patients hospitalized for severe exacerbations, as described in Almagro et al. (2014) <doi:10.1378/chest.13-1328>.

License GPL-3

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The CODEX Index: Short and Medium-term Prognosis in Patients Hospitalized for COPD Exacerbations

Description

The CODEX Index: Short and Medium-term Prognosis in Patients Hospitalized for COPD Exacerbations

Usage

codex(age, charlson, FEV1, mMRC, exacerbation)

Arguments

- **age**: a number for age
- **charlson**: a number for charlson index
- **FEV1**: a number for forced expiratory volume in one second (FEV1) expressed as percentage
- **mMRC**: a number for the dyspnea scale of modified Medical Research Council (mMRC)
- **exacerbation**: a number for severe exacerbations of COPD during the previous year (hospitalization or ED consultations)

Source


Examples

- codex (age = 40, charlson = 8, FEV1 = 40, mMRC = 3, exacerbation = 2)
- codex (age = 55, charlson = 4, FEV1 = 40, mMRC = 3, exacerbation = 2)
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