Package: codexcopd (via r-universe)

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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

Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

NeedsCompilation no

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Contents

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codex	*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

https://www.ncbi.nlm.nih.gov/pubmed/24077342

Examples

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

Index