



Ottava Giornata della Ricerca della Svizzera Italiana

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Modulo per la sottomissione abstract di ricerca CLINICA

Titolo (massimo **15 parole**)

Prevalence and risk factors of pulmonary embolism among patients hospitalized for COPD exacerbations

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Testo (massimo **250 parole**, preferibilmente in italiano (accettato anche in inglese), suddiviso in Introduzione, **Metodi**, **Risultati**, **Conclusioni** e **Finanziamento**)

Introduction:

The prevalence of pulmonary embolism (PE) among patients hospitalized for acute exacerbations of COPD is not well documented, and current guidelines pay little attention to a diagnostic workup for pulmonary embolism in these patients.

Methods:

To investigate the prevalence and risk factors of PE in patients hospitalized for COPD exacerbation we conducted a retrospective multicenter study in all patients with COPD who were submitted to chest computed tomography (CT) for any indications.

Results:

Thirty-one centers were involved in this non-concurrent multicenter cohort study. We included 1043 patients; 132 had PE (mean prevalence 12.7%) confirmed by angio-TC and 54 patients died during hospitalization (5.2 %). In the multivariable analysis, female gender, clinical signs and symptoms suggestive of DVT, PaCO₂ < 40 mmHg, normal chest-x-ray and previous VTE were significantly or marginally significant associated with a higher PE prevalence. Mean length of hospitalization (15.7 vs 14.2 days, p 0.07) and in-hospital mortality (6.1% vs 5.1%, P=0.62) were slightly but not significantly higher in patients with PE (6.1% vs 5.1%, P=0.62) compared to patients without.

Conclusions:

PE prevalence is not negligible in patients with acute exacerbations of COPD. A number of risk factors may help clinicians in identifying of patients with an increased risk. Prospective multicenter cohort study is ongoing to confirm our preliminary findings.

None to declare conflict of interest

Visto superiore (prego indicare Nome e Cognome del superiore)

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Criteria per sottomissione Abstract:
NO Case report
NO Abstract senza nessun risultato
VISTO da un superiore



Invio Abstract