Pulmonary Therapy



The Role of the Body Clock in Asthma and COPD: Implication for Treatment

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Article Summary

'Chronotherapy' is the timing of drug administration to the



Future, large, randomised controlled **clinical trials** are needed to confirm the results of smaller studies that the best time of day to take **systemic** or **inhaled corticosteroids** is actually in the afternoon and not the morning.

biological rhythm of disease and is important in both **asthma** and **COPD**.

Asthma displays strong circadian variation in symptoms, airway physiology and airway inflammation.

To a lesser extent, **COPD** also shows **rhythmic variation** in symptoms and airway physiology. The circadian molecular clock is important in the **pathogenesis** of both Asthma and COPD.

Abbreviations:

<u>COPD = Chronic Obstructive Pulmonary Disease</u>



This infographic represents the opinions of the authors. For a full list of acknowledgments and disclosures for all authors of this article, please see the full text online.
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