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Spirometry is used for **monitoring**, but the FEV₁ remains frequently normal throughout childhood. The **Lung Clearance Index** (LCI) calculated from Multiple Breath Washout (MBW) was introduced at the **CF** centre Innsbruck in 2007 for assessing ventilation inhomogeneity in patients with mild **lung** disease.

[Lung clearance index: Evidence for use in clinical trials in cystic fibrosis](#)

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作者 : L Kent - 2014 - 被引用次数 : 75 - [相关文章](#)

Lung clearance index: Evidence for use in clinical trials in **cystic fibrosis** ... trials in young **children with CF** and patients with early or mild **CF** lung disease. ... LCI may also be useful clinically to **monitor** patients with FEV₁ within normal MBW is a safe technique since it **uses** either oxygen for nitrogen washout or very low ...

Match Overview

1	Crossref 20 words Ubong Peters, David A. Kaminsky. "The Multiple-Breath Nitrogen Washout Test", Elsevier BV, 2019	1%
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Manuscript NO: 44976

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The applications of lung clearance index in monitoring children with cystic fibrosis

Fretzayas A *et al.* LCI and CF

Andrew Fretzayas, Konstantinos Douros, Maria Moustaki, Ioanna Loukou

Abstract

A sensitive, reproducible and feasible measure of lung function for monitoring the

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Children with CF under six years of age struggled to perform the washout in a technically ... Modern CF care attempts to identify and monitor CF lung disease before it ... It is also likely to have an application in other diseases where airway ... is the Lung Clearance Index (LCI) which represents the number of lung volume ...

The lung clearance index as a monitoring tool in cystic fibrosis: ready ...

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作者 : L Perrem - 2018 - 被引用次数 : 1

The lung clearance index as a monitoring tool in cystic fibrosis: ready for the clinic ... (1)Division of Respiratory Medicine, The Hospital for Sick Children, Toronto, ...

缺少字词 : applications