

# Fat-free mass index predicts survival in patients with Idiopathic pulmonary fibrosis

November 21 2016

---

Researchers have found that fat-free mass index, but not body mass index, was a significant predictor of survival in patients with idiopathic pulmonary fibrosis (IPF), a debilitating form of pneumonia. Unlike body mass index, fat-free mass index takes into account the amount of muscle mass a person is carrying.

In 44 patients with IPF, fat-free mass index was assessed with a bioelectric impedance analyser. Over an average follow-up of 2.3 years, lower fat-free mass index was linked with worse survival.

"Taking account of not only lung function but also fat-free mass was revealed to be important in IPF practice. Methods for increasing or preserving muscle mass in IPF patients should be further investigated," said Dr. Osamu Nishiyama, lead author of the *Respirology* study.

**More information:** Osamu Nishiyama et al, Fat-free mass index predicts survival in patients with idiopathic pulmonary fibrosis, *Respirology* (2016). [DOI: 10.1111/resp.12941](https://doi.org/10.1111/resp.12941)

Provided by Wiley

Citation: Fat-free mass index predicts survival in patients with Idiopathic pulmonary fibrosis (2016, November 21) retrieved 24 April 2024 from <https://medicalxpress.com/news/2016-11-fat-free-mass-index-survival-patients.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.