



Combined antifungal therapy is superior to monotherapy in pulmonary scedosporiosis in cystic fibrosis

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Auteur	Schwarz, Carsten [1], Brandt, Claudia [2], Melichar, Volker [3], Runge, Christoph [4], Heuer, Eberhard [5], Sahly, Hany [6], Schebek, Martin [7], Köster, Holger [8], Bouchara, Jean-Philippe [9], Biedermann, Thomas [10], Meißner, Peter [11], Große-Onnebrink, Jörg [12], Skopnik, Heino [13], Hartl, Dominik [14], Sedlacek, Ludwig [15], Tintelnot, Kathrin [16]
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Résumé en anglais	<p>Cystic fibrosis (CF) is characterised by chronic airway infection with bacteria and fungi. Infections caused by <i>Scedosporium/Lomentospora</i> species can occur and are difficult to treat. Moulds belonging to the genus <i>Scedosporium/Lomentospora</i> are detected most frequently in respiratory samples of patients with CF, next to <i>Aspergillus</i> spp. Our aim was to define pulmonary fungal infections due to <i>Scedosporium/Lomentospora</i> in CF and to study the antimycotic treatment. In this multicentre study (12 centres; duration January 2008 to December 2014) 31 patients with a lung infection caused by moulds of the genus <i>Scedosporium/Lomentospora</i> were included. 36 courses of antifungal treatment were documented. <i>Scedosporium apiospermum</i> sensu stricto accounted for 48.4% of cases. In 20/31 patients a therapeutic response under antimycotics (median duration 3.9 months) was achieved. Triple and double therapy was significantly more effective compared to monotherapy regarding FEV1, radiology, and symptoms. This data suggests that combined treatment is superior to monotherapy in patients with CF.</p>
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Liens

[1] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=19908>

- [2] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30111>
- [3] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=19909>
- [4] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=19911>
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- [8] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=19915>
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- [19] <https://www.cysticfibrosisjournal.com/article/S1569-1993>

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