



## Arnoldus van Gestel

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### Bereiche

Pneumologie und Schlafmedizin

## Publikationen (16)

Baty F, Ritz C, van Gestel A, Brutsche M, Gerhard D. Modeling the oxygen uptake kinetics during exercise testing of patients with chronic obstructive pulmonary diseases using nonlinear mixed models. *BMC Med Res Methodol* 2016; 16:66.

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Sievi N, Clarenbach C, Camen G, Rossi V, van Gestel A, Kohler M. High prevalence of altered cardiac repolarization in patients with COPD. *BMC Pulm Med* 2014; 14:55.

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van Gestel A, Clarenbach C, Stöwhas A, Rossi V, Sievi N, Camen G, Kohler M. The speed of blood pressure fluctuations in patients with chronic obstructive pulmonary disease. *Heart Lung Circ* 2013; 23:280-6.

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van Gestel A, Clarenbach C, Stöwhas A, Teschler S, Russi E, Teschler H, Kohler M. Prevalence and prediction of exercise-induced oxygen desaturation in patients with chronic obstructive pulmonary disease. *Respiration* 2012; 84:353-9.

Clarenbach C, Stoewhas A, van Gestel A, Latshang T, Lo Cascio C, Bloch K, Kohler M. Comparison of photoplethysmographic and arterial tonometry-derived indices of arterial stiffness. *Hypertens Res* 2011; 35:228-33.

van Gestel A, Kohler M, Steier J, Teschler S, Russi E, Teschler H. Cardiac autonomic dysfunction and health-related quality of life in patients with chronic obstructive pulmonary disease. *Respirology* 2011; 16:939-46.

van Gestel A, Kohler M, Steier J, Teschler S, Russi E, Teschler H. The effects of controlled breathing during pulmonary rehabilitation in patients with COPD. *Respiration* 2011; 83:115-24.

van Gestel A, Steier J. Autonomic dysfunction in patients with chronic obstructive pulmonary disease (COPD). *J Thorac Dis* 2010; 2:215-22.

## Projekte (2)

**Cardiopulmonary- and hemodynamic responses during positive and negative airway pressure in patients with chronic obstructive pulmonary disease**

*Grundlagenforschung - 01.10.2015 - 01.08.2016*

*Automatisch geschlossen*

**Characterizing sleep apnea by using a wearable electro EMPA cardiogram device**

*Grundlagenforschung - 01.06.2015 - 01.12.2016*

*Automatisch geschlossen*

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