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## Cardiac function and pulmonary hemodynamics during exercise in COPD

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VRIJE UNIVERSITEIT

# Cardiac function and pulmonary hemodynamics during exercise in COPD

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. L.M. Bouter,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de faculteit der Geneeskunde  
op woensdag 3 oktober 2007 om 13.45 uur  
in de aula van de universiteit,  
De Boelelaan 1105

door Sebastiaan Holverda  
geboren te Apeldoorn

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