

Dominique Hansen
Nerumstraat 16
3800 Sint Truiden, Belgium
Phone : 0032 497 875866
e-mail : Dominique.hansen@uhasselt.be



KEY ACADEMIC FEATURES

Currently a Full Professor of Exercise Physiology and Intervention in Cardiometabolic Diseases

Published >160 peer-reviewed papers

Web of Science H-index: 32

Google Scholar H-index: 44

PERSONALIA

Born at Bilzen on 28/04/1980.

COMPLETED EDUCATION

1998 Physical Education and Sport, Koninklijk Atheneum 2 (Topsportschool) at Hasselt.

2002 Master In Physiotherapy, Provinciale Hogeschool Limburg, Hasselt.

2005 Master in Advanced Studies: Sports Physiotherapy, Vrije Universiteit Brussel.

2009 Doctor in Rehabilitation Sciences and Physiotherapy, Vrije Universiteit Brussel.

CURRENT EMPLOYMENT

From 01/2021: Full Professor (gewoon hoogleraar), Faculty of Rehabilitation Sciences, Hasselt university

From 02/2014: Coordinator scientific research, Heart Centre Hasselt.

EMPLOYMENT PAST

07/2003-10/2009: Physiotherapy & PhD thesis, Jessa Hospital, Hasselt

11/2004-11/2005: Assisting Academic Personnel, Provinciale Hogeschool Limburg, Hasselt, Departement Gezondheidszorg

03/2005 – 04/2008: Biomedical Researcher, Technovas Medical BV, Meerssen, Nederland

01/2005 – 10/2010: Assisting Academic Personnel, Vrije Universiteit Brussel, Department of Human Physiology and Sports Medicine

10/2010 – 12/2012: Guest Professor, Hasselt University, Faculteit Geneeskunde.

09/2009-09/2013: Assistant Professor, Provinciale Hogeschool Limburg, Department of Healthcare, Rehabilitation Sciences

10/2009-02/2014: Scientific Researcher, Jessa Hospital, Hasselt

01/2013-01/2015: Assistant Professor, Hasselt university, Faculty of Medicine and Life Sciences

01/2015-01/2018: Associate Professor, Hasselt university, Faculty of Medicine and Life Sciences

01/2018-12/2020: Professor (hoogleraar), Hasselt university, Faculty of Rehabilitation Sciences

OTHER/VARIA

Vice Dean, Faculty of Rehabilitation Sciences, Hasselt university

Coordinator of EAPC EXPERT project

Member of MED8 Expert Panel at FWO Flanders

I am a member of the following ESC bodies:

ACNAP ESC Task Force on Allied Professions (Task Force Member)

EAPC Section Past-Chair: Secondary Prevention and Rehabilitation

Secretary and Executive Officer of the EAPC

EAPC Education Committee (Ordinary nucleus member)

EAPC Task Force on Childhood Cardiovascular Health

EAPC Task Force on physiotherapists/sports scientists (Co-Chair)

AWARDS/DISTINCTIONS

International ACSM Student Award 2008 (May 2008, Indianapolis, USA), American College of Sports Medicine, for the work: Low intensity exercise is as effective as high intensity exercise to improve glycemic control in obese type 2 diabetes patients.

Young Scientist Award (May 2015, Maastricht, The Netherlands), International Congress on NeuroRehabilitation and Neural Repair, for the work: Altered muscle signaling for mitochondrial and myofibrillar biogenesis is related to impairment and disability level in multiple sclerosis patients.

2nd prize (May 2015, Gent, Belgium) PRoF 2015 award, for the work: EXPERT ('EXercise Prescription in Everyday practice & Rehabilitative Training') Flowchart Project.

Fellowship, for Scientific Excellence, European Society of Cardiology (January 2016)

Moderated poster award, EuroPrevent congress (April 2018, Ljubljana, Slovenia), for the work: Do clinicians prescribe exercise according to clinical guidelines in patients with cardiovascular disease? Findings from the European Association of Preventive Cardiology EXPERT (EXercise Prescription in Everyday practice & Rehabilitative Training) working group survey.

3rd prize, 2019 Best Paper Award, European College of Sports Science, (July 2019, Prague, Czech Republic), for the work: Adipose tissue lipolytic inhibition enhances the glucoregulatory properties of exercise in type 2 diabetes patients.

Top cited article award, Scandinavian journal of Science and Medicine in Sports (February 2023), for the work: The importance of ventilatory thresholds to define aerobic exercise intensity in cardiac patients and healthy subjects .

(CO-)PROMOTOR RUNNING PhD PROJECTS

(Co-)Promotor: Sarah D'Haese, Renaud Amanzonwe, Tin Gojevic, Youri Bekhuis, Chris Burtin, Wouter Franssen

Member doctoral committee: Sara Demoen, Sim Klaps, Ana Filipa Marques Rego Machado, Lisa Mennens, Tine Plattiau

JURY MEMBER OF DOCTORATES

Cajsa Tonoli (16/12/2014, Vrije Universiteit Brussel)

Liene Bervoets (02/07/2015, Hasselt University)

Rafael Mesquita (14/09/2017, Maastricht University)

Se-Sergio Baldew (13/12/2017, KULeuven)

Victor Niemeijer (11/01/2018, Technical University Eindhoven)

Ines Frederix (13/06/2018, Hasselt University)

Supraja Sankaran (31/08/2018, Hasselt University)

Charly Keytsman (13/09/2018, Hasselt University)

Tom Vromen (20/03/2019, Amsterdam University)

Wai Yan Liu (21/11/2019, Maastricht University)

Frederique Van de Velde (07/12/2020, Ghent University)

Fabiano Lima (29/03/2021, Universidade Estadual Paulista, Brazil)

Martijn Scherrenberg (07/09/2022, Hasselt University)

Felipe Machado (27/09/2022, Maastricht University)

Wouter Franssen (21/1/2022, Hasselt and Maastricht University)

COMMISSION MEMBER OF COMPLETED DOCTORATES

An Stevens (17/12/14, Hasselt University)

Nele Pattyn (26/05/16, KULeuven)

Jonas Verbrugghe (18/09/2019, Hasselt University)

Jana De Brandt (27/09/2021, Hasselt University)

(CO-)PROMOTOR OF COMPLETED PhD PROJECTS

Rik Paesen (Hasselt University, 2016: Model development for image analysis in second harmonic imaging microscopy).

Kenneth Verboven (Hasselt University, 2017: Endocrine regulation of lipid mobilization in human obesity: unravelling the role of atrial natriuretic peptide).

Jirka Cops (2019, Hasselt University: Unravelling the role of abdominal venous congestion leading to worsening renal function in heart failure: impact of exercise training).

Maxim Verboven (2019, Hasselt University: High-intensity interval training in diabetic cardiomyopathy).

Lisa Van Ryckeghem (2020, Hasselt University, Cardiac function in diabetes: the interplay with exercise capacity and exercise intervention).

Natalia Turri da Silva (2022, Hasselt University/University of Brasilia (BRA), Exercise intolerance and heart failure: role of vascular dynamics and impact of exercise interventions).

Nastasia Marinus (2022, Hasselt University, The challenges of aging: detection, impact, and treatment perspectives of the frailty syndrome in older adults with cardiovascular disease).

GRANTED PROJECTS

Exercise training in the fasted vs. postprandial state to augment the clinical benefits of long-term exercise intervention in type 2 diabetes patients. 25.000 Euro, King Baudouin Fund 2013

Dysfunctional atrial natriuretic peptide physiology in subcutaneous adipocytes of adults with obesity: etiology, relation with cardiometabolic risk, and impact of exercise intervention. 34.305 Euro, FWO 2016

EXPERT-tool: Proof-of-concept realisatie van, en marktverkenning met, een interactieve tool voor het voorschrijven van cardiovasculaire revalidatie. 90.000 euro, UHasselt IOF Board 2016

Effects of High Intensity Interval Training versus Circuit Resistance Training on Endothelial Function and Peripheral Oxygen Extraction in Patients with Heart Failure: A Randomized Trial. 26.167 euro, BOF BILA UHasselt, 2020

Reduction of Cardio Metabolic Risk (CMR) of obese individuals using Ultrasound-induced Adipose Tissue Cavitation (UATC) in addition to exercise training intervention for decreasing fat tissue. 17.848 Euro, VLAIO 2020

FWO-ICA project: EAPC EXPERT-network. 300.000 euro, FWO 2020

Health & Academic Performance with Happy Children. 43.766 euro, Erasmus+ 2020

The effect of an intensive exercise program on impairments, activity limitations and restrictions in participation in the acute stage of stroke in Benin. 30.300 euro, BOF BILA UHasselt, 2020

FWO-TBM project: Personalized Remotely Guided Preventive Exercise Therapy for a Healthy Heart - the PRIORITY project. 285.400 euro, FWO 2020.

FWO project: Prevention of heart failure in type 2 diabetes by exercise intervention. 305.170 euro, FWO 2020.

EB-Practicenet project: Implementation of the EXPERT tool to optimize exercise prescription in rehabilitation of persons with cardiometabolic disease in private physiotherapy practice. 29.000 euro, EBPracticenet 2023.

CONTRACT RESEARCH

Impact of a serving of 100% orange juice at breakfast on glycaemic control in individuals with type 2 diabetes mellitus: a randomized cross-over trial. 51.165 euro, European Fruit Juice Association 2020

PUBLICATIONS

A1 PUBLICATIONS (international only)

1. Dendale P, Berger J, **Hansen D**, Vaes J, Benit E, Weymans M. Cardiac rehabilitation reduces the rate of major adverse cardiac events after percutaneous coronary intervention. Eur J Cardiovasc Nurs 2005; 4: 113-6. No IF

2. **Hansen D**, Dendale P, Berger J, Meeusen R. Rehabilitation in cardiac patients: what do we know about training modalities? *Sports Med* 2005; 35: 1063-84. IF 3.3, Q1
3. **Hansen D**, Dendale P, Berger J, van Loon LJ, Meeusen R. The effects of exercise training on fat mass loss in obese subjects during caloric intake restriction. *Sports Med* 2007; 37: 31-46. IF 3.5, Q1
4. **Hansen D**, Dendale P, Berger J, Meeusen R. Low agreement of ventilatory threshold between training modes in cardiac patients. *Eur J Appl Physiol* 2007; 101: 547-54. IF 1.6, Q2
5. **Hansen D**, Dendale P, Berger J, Meeusen R. Importance of an exercise testing protocol for detecting changes of peak oxygen uptake in cardiac rehabilitation. *Arch Phys Med Rehabil* 2007; 88: 1716-9. IF 1.8, Q1
6. **Hansen D**, Dendale P, Berger J, Onkelinx S, Reyckers I, Hermans A, Vaes J, Reenaers V, Meeusen R. Importance of exercise training session duration in the rehabilitation of coronary artery disease patients. *Eur J Cardiovasc Prev Rehabil* 2008; 15: 453-9. IF 2.36, Q2
7. Dendale P, **Hansen D**, Berger J, Lamotte M. Long-term cost-benefit ratio of cardiac rehabilitation after percutaneous coronary intervention. *Acta Cardiol* 2008; 63: 451-6. IF 0.58, Q4
8. Dendale P, Dereppe H, De Sutter J, Laruelle C, Vaes J, Lamotte M, Deroeck A, Mallefoy M, Heyndrickx B, Berger J, Kostucki W, Fortuin A, **Hansen D**, Brohet C, Vanhees L. Position paper of the Belgian Working Group on Cardiovascular Prevention and Rehabilitation: cardiovascular rehabilitation. *Acta Cardiol* 2008; 63: 673-81. IF 0.58, Q4
9. **Hansen D**, Dendale P, Berger J. Exercise type affects VE/VCO₂ slope in CAD patients. *Int J Sports Med* 2009; 30: 302-6. IF 1.59, Q2
10. **Hansen D**, Berger J, Dendale P, De Rybel R, Meeusen R. Training adherence in the early rehabilitation of coronary artery disease patients: effect of exercise session duration. *J Cardiopulm Rehabil Prev* 2009; 29: 179-82. IF 1.55, Q3
11. **Hansen D**, Dendale P, Jonkers RAM, Beelen M, Manders RJF, Corluy L, Mullens A, Berger J, Meeusen R, van Loon LJC. Continuous low-to-moderate intensity exercise training is equally effective as moderate-to-high intensity exercise training at lowering blood HbA_{1c} content in type 2 diabetes patients. *Diabetologia* 2009; 52: 1789-97. IF 6.55, Q1
12. **Hansen D**, Dendale P, Leenders M, Berger J, Raskin A, Vaes J, Meeusen R. Cardiac rehabilitation reduces the cardiovascular event rate differently in CABG and PCI patients. *Acta Cardiol* 2009; 64: 639-44. IF 0.60, Q4

13. **Hansen D**, Dendale P, Raskin A, Schoonis A, Berger J, Vlassak I, Meeusen R. Long-term effect of rehabilitation in coronary artery disease patients: randomised clinical trial of the impact of exercise volume. *Clin Rehabil* 2010; 24: 319-27. IF 1.77, Q1
14. **Hansen D**, Dendale P, Beelen M, Richard AM Jonkers, Corluy L, Meeusen R, van Loon LJC. Plasma adipokine and inflammatory marker concentrations are altered in obese, as opposed to and non-obese, type 2 diabetes patients. *Eur J Appl Physiol* 2010; 109: 397-404. IF 2.21, Q1
15. **Hansen D**, Dendale P, van Loon LJC, Meeusen R. The effects of training modalities on clinical benefits of exercise intervention in cardiovascular disease risk patients or type 2 diabetes mellitus. *Sports Med* 2010; 40: 921-40. IF 5.07, Q1
16. Jocken JWE, Moro C, Goossens GH, **Hansen D**, Mairal A, Hesselink MKC, Langin D, van Loon LJC, Blaak EE. Skeletal muscle lipase content and activity in obesity and type 2 diabetes. *J Clin Endocrinol Metab* 2010; 95: 5449-53. IF 6.49, Q1
17. Snijders T, Verdijk L, **Hansen D**, Dendale P, van Loon LJ. Endurance training does not modulate satellite cell content in type 2 diabetes patients. *Muscle Nerve* 2011; 43: 393-401. IF 2.37, Q2
18. **Hansen D**, Jacobs N, Bex S, D'Haene G, Dendale P, Claes N. Are fixed-rate step tests medically safe for assessing physical fitness? *Eur J Appl Physiol* 2011; 111: 2593-9. IF 2.15, Q1. With author reply: **Hansen D**, Dendale P, Claes N. Response to letter from RJ Shephard 'Problems of medical supervision and physiological validity encountered with fixed-rate step tests'. *Eur J Appl Physiol* 2012; 112: 3697-8.
19. Frederix I, Dendale P, Berger J, Vandereyt F, Everts S, **Hansen D**. Comparison of two motion sensors for use in cardiac telerehabilitation. *J Telemed Telecare* 2011; 17: 231-4. IF 1.21, Q3
20. **Hansen D**, Eijnde BO, Roelants M, Broekmans T, Rummens JL, Hensen K, Daniels A, Bonn   K, Reyckers I, Alders T, Berger J, Dendale P. Clinical benefits of the addition of lower extremity low-intensity resistance muscle training during early aerobic endurance training intervention in coronary artery disease patients: a randomized controlled trial. *J Rehabil Med* 2011; 43: 800-7. IF 2.05, Q1
21. **Hansen D**, Vranckx P, Beckers W, Broekmans T, Eijnde O B, Vandekerckhove P, Broos P, Dendale P. Physical fitness affects the quality of single operator cardio-cerebral resuscitation in healthcare professionals. *Eur J Emerg Med* 2012; 19: 28-34. IF 1.02, Q3

22. **Hansen D**, Stevens A, Eijnde BO, Dendale P. Endurance exercise intensity determination in the rehabilitation of coronary artery disease patients: a critical re-appraisal of current evidence. *Sports Med* 2012; 42: 11-30. IF 5.23, Q1
23. Dendale P, De Keulenaer G, Troisfontaines P, Weytjens C, Mullens W, Elegeert I, Ector B, Houbrechts M, Willekens K, **Hansen D**. Effect of a telemonitoring-facilitated collaboration between general practitioner and heart failure clinic on mortality and rehospitalisation rates in severe heart failure. *Eur J Heart Fail* 2012; 14: 333-40. IF 5.24, Q1
24. Vanhees L, Geladas N, **Hansen D**, Kouidi E, Niebauer J, Reiner Z, Cornelissen V, Adamopoulos S, Prescott E, Börjesson M. Importance of characteristics and modalities of physical activity and exercise in the management of cardiovascular health in individuals with cardiovascular risk factors. Recommendations from the European Association for Cardiovascular Prevention and Rehabilitation (Part II). *Eur J Prev Cardiol* 2012; 19: 1005-33. IF 3.90, Q1
25. **Hansen D**, Meeusen R, Mullens A, Dendale P. Effect of acute endurance and resistance exercise on endocrine hormones directly related to lipolysis and muscle protein synthesis in adult individuals with obesity: a review. *Sports Med* 2012; 42: 415-31. IF 5.23, Q1
26. Rummens JL, Daniëls A, Dendale P, Hensen K, Hendriks M, Berger J, Koninckx R, **Hansen D**. Suppressed increase in blood endothelial progenitor cell content as result of single exhaustive exercise bout in male revascularised coronary artery disease patients. *Acta Clin Belg* 2012; 67: 262-9. IF 0.58, Q3
27. Wall BT, Dirks ML, Verdijk LB, Snijders T, **Hansen D**, Vranckx P, Burd NA, Dendale P, van Loon LJC. Neuromuscular electrical stimulation increases muscle protein synthesis in elderly, type 2 diabetic men. *Am J Physiol Endocrinol Metab* 2012; 303: E614-23. IF 4.51, Q1
28. Shaw CS, Shepherd SO, Wagenmakers AJM, **Hansen D**, Dendale P, van Loon LJC. Prolonged exercise training increases intramuscular lipid content and perilipin 2 expression in type I muscle fibres of patients with type 2 diabetes. *Am J Physiol Endocrinol Metab* 2012; 303: E1158-65. IF 4.51, Q1
29. **Hansen D**, Wens I, Kosten L, Verboven K, Eijnde BO. Slowed exercise-onset VO₂ kinetics during submaximal endurance exercise in subjects with multiple sclerosis. *Neurorehabil Neural Repair* 2013; 27: 87-95. IF 4.61, Q1
30. **Hansen D**, Peeters S, Zwaenepoel B, Wittebrood C, Verleyen D, Timmerman N, Schotte M. Exercise assessment and prescription in patients with type 2 diabetes in the private and home care setting: clinical recommendations from AXXON (Physical Therapy Association Belgium). *Phys Ther* 2013; 93: 597-610. IF 3.24,

- Q1. With author reply: **Hansen D**, Peeters S, Schotte M. Response to letter from JB Gentzel 'On "Exercise Assessment and Prescription in Patients With Type 2 Diabetes..." Phys Ther 2013; 93: 1142-4.
31. **Hansen D**, Wens I, Dendale P, Eijnde BO. Exercise-onset heart rate increase is slowed in multiple sclerosis patients: does a disturbed cardiac autonomic control affect exercise tolerance? *NeuroRehabilitation* 2013; 33: 139-46. IF 1.73, Q2
32. **Hansen D**, Dendale P. Modifiable predictors of chronotropic incompetence in male type 2 diabetes patients. *J Cardiopulm Rehabil Prev* 2014; 34: 202-7. IF 1.58, Q3
33. Adamopoulos S, Schmid JP, Dendale P, Poerschke D, **Hansen D**, Dritsas A, Kouloubinis A, Alders T, Gkouziouta A, Reyckers I, Vartela V, Plessas N, Doulaptsis C, Saner H, Laoutaris ID. Combined Aerobic/Inspiratory Muscle Training versus Aerobic Training in Patients with Chronic Heart Failure: The Vent-HeFT trial. A European Prospective Multicenter Randomized Trial. *Eur J Heart Fail* 2014; 16: 574-82. IF 6.52, Q1
34. **Hansen D**, Feys P, Wens I, Eijnde BO. Is walking capacity in subjects with multiple sclerosis primarily related to muscle oxidative capacity or maximal muscle strength? A pilot study. *Mult Scler Int* 2014: ID 759030. No IF
35. Manders RJF, **Hansen D**, Zorenc AHG, Dendale P, Kloek J, Saris WHM, van Loon LJC. Protein co-ingestion strongly increases postprandial insulin secretion in type 2 diabetes. *J Med Food* 2014; 17: 758-63. IF 1.62, Q2
36. Stevens ALM, **Hansen D**, Vandoren V, Westerlaken R, Creemers A, Eijnde BO, Dendale P. Mandatory oral glucose tolerance tests identify more diabetics in stable patients with chronic heart failure: a prospective observational study. *Diabetol Metab Syndr* 2014; 6: 44. IF 2.17. Q3.
37. Eijnde BO, Keytsman C, Wens I, **Hansen D**. Whole-body cooling does not compromise muscle oxidative capacity in subjects with multiple sclerosis. *Neurorehabilitation* 2014; 35: 805-11. IF 1.12. Q3.
38. **Hansen D**, Marinus N, Remans M, Courtois I, Calsius J, Cools F, Massa G, Takken T. Exercise tolerance in obese versus lean adolescents: a systematic review and meta-analysis. *Obes Rev* 2014; 15: 894-904. IF 7.99. Q1.
39. Bervoets L, Van Noten C, Van Roosbroeck S, **Hansen D**, Van Hoorenbeeck K, Verheyen E, Van Hal G, Vankerckhoven V. Reliability and Validity of the Dutch Physical Activity Questionnaires for Children (PAQ-C) and Adolescents (PAQ-A). *Arch Public Health* 2014; 72: 47. No IF.

40. **Hansen D**, Wens I, Keytsman C, Eijnde BO, Dendale P. Is long-term exercise intervention effective to improve cardiac autonomic control during exercise in subjects with multiple sclerosis? A randomized controlled trial. *Eur J Phys Rehabil Med* 2015; 51: 223-31. IF 2.06, Q1
41. Stevens ALM, **Hansen D**, Herbots L, Wens I, Creemers A, Dendale P, Eijnde BO. Exercise training improves glucose tolerance in stable chronic heart failure patients. *J Cardiopulm Rehabil Prev* 2015; 35: 37-46. IF 1.63, Q3
42. **Hansen D**, Wens I, Keytsman C, Verboven K, Dendale P, Eijnde BO. Ventilatory function during exercise in multiple sclerosis and impact of training intervention: cross-sectional and randomized controlled trial . *Eur J Phys Rehabil Med* 2015; 51: 557-68. IF 2.06. Q1
43. Frederix I, Van Driessche N, **Hansen D**, Berger J, Bonne K, Alders T, Dendale P. Increasing the medium-term clinical benefits of hospital-based cardiac rehabilitation by telerehabilitation in coronary artery disease patients. *Eur J Prev Cardiol* 2015; 22: 150-8. IF 3.36, Q2
44. Dirks ML, **Hansen D**, Van Assche A, Dendale P, van Loon LJC. Neuromuscular electrical stimulation prevents muscle wasting in critically ill, comatose patients. *Clin Sci* 2015; 128: 357-65. IF 5.00. Q1.
45. Wens I, **Hansen D**, Verboven K, Deckx N, Kosten L, Stevens A, Cools N, Van Wijmeersch B, Eijnde BO. The impact of a 24-week combined exercise program on glucose tolerance, muscle strength, aerobic capacity and BDNF release in patients with multiple sclerosis. *Am J Phys Med Rehabil* 2015; 94: 838-47. IF 2.33. Q1.
46. **Hansen D**, Jacobs N, Thijs H, Dendale P, Claes N. Validation of a single-stage fixed-rate step test for the prediction of maximal oxygen uptake in healthy adults. *Clin Physiol Funct Imaging* 2016; 36: 401-6. IF 2.30 Q3.
47. **Hansen D**, Wens I, Vandenabeele F, Verboven K, Eijnde BO. Altered signaling for mitochondrial and myofibrillar biogenesis in skeletal muscles of multiple sclerosis patients. *Transl Res* 2015; 166: 70-9. IF 4.65. Q1.
48. Keytsman C, Dendale P, **Hansen D**. Chronotropic incompetence during exercise in type 2 diabetes: aetiology, assessment methodology, prognostic impact and therapy. *Sports Med* 2015; 45: 985-95. IF 5.57. Q1.
49. Frederix I, **Hansen D**, Coninx K, Vandervoort P, Van Craenenbroeck E, Vrints C, Dendale P. Telerehab III: a multi-center randomized, controlled trial investigating the long-term effectiveness of a comprehensive

- cardiac telerehabilitation program. Rationale and study design. *BMC Cardiovasc Disord* 2015; 15: 29. IF 1.83. Q3.
50. **Hansen D**, Linsen L, Verboven K, Hendriks M, Rummens JL, van Erum M, Eijnde BO, Dendale P. Magnitude of muscle wasting early after on-pump coronary artery bypass graft surgery and exploration of aetiology. *Exp Physiol* 2015; 100: 818-28. IF 2.91, Q2.
51. Cermak NM, **Hansen D**, Kouw I, van Dijk JW, Blackwell JR, Jones AM, Gibala MJ, van Loon LJC. A single dose of sodium nitrate does not improve oral glucose tolerance in patients with type 2 diabetes mellitus. *Nutr Res* 2015; 35: 674-80. IF 2.73. Q2.
52. Wens I, Dalgas U, Vandenabeele F, Grevendonk L, Verboven K, **Hansen D**, Van Wijmeersch B, Eijnde BO. High-intensity exercise in multiple sclerosis: effects on muscle contractile characteristics and exercise capacity. *Plos One* 2015:e0133697. IF 2.80. Q1.
53. Frederix I, **Hansen D**, Coninx K, Vandervoort P, Vandijck D, Hens N, Van Craenenbroeck E, Dendale P. Long-term effectiveness of a comprehensive, patient-tailored cardiac telerehabilitation program: results from the Telerehab III trial. *J Med Internet Res* 2015; 17:e185. IF 5.17. Q1.
54. Paesen R, Smolders S, Wens I, Notelaers K, de Hoyos Vega JM, Bito V, Eijnde BO, **Hansen D**, Ameloot M. On the interpretation of second harmonic generation intensity profiles of striated muscle. *J Biom Opt* 2015; 20: 86010. IF 2.53. Q1
55. Roncada G, Dendale P, Linsen L, Hendriks M, **Hansen D**. Reduction in pulmonary function after CABG surgery is related to postoperative inflammation and hypercortisolaemia. *Int J Clin Exp Med* 2015; 8: 10938-46. IF 1.07. Q4.
56. Frederix I, **Hansen D**, Coninx K, Vandervoort P, Vandijck D, Hens N, Van Craenenbroeck E, Dendale P. The effect of a comprehensive cardiac telerehabilitation program on 1-year cardiovascular rehospitalisations, medical costs and health-related quality of life: a cost-effectiveness analysis. *Eur J Prev Cardiol* 2016; 23: 674-82. IF 3.60, Q2.
57. **Hansen D**, Hens W, Peeters S, Wittebrood C, Van Ussel S, Verleyen D, Vissers D. Physical therapy as first-line treatment for childhood obesity: clinical recommendation from AXXON (Belgian Physical Therapy Association) in primary health care. *Phys Ther* 2016; 96: 850-64. IF 2.76. Q1.

58. Cools T, Daerden T, Herbots L, Geukens R, Verwerft J, Koopman P, Dilling-Boer D, **Hansen D**, Vranckx P, Dendale P. Clinical benefit of atrio-ventricular delay optimization in patients with a dual chamber pacemaker: a pilot study. The CBRAVO trial (NCT01998256) *Acta Cardiol* 2016; 71: 257-73. IF 0.80. Q4.
59. Paesen R, Smolders S, de Hoyos Vega JM, **Hansen D**, Eijnde BO, Ameloot M. Fully automated muscle quality assessment by Gabor filtering of SHG images. *J Biom Opt* 2016; 21: 26003. IF 2.53. Q1
60. Vissers D, Hens W, **Hansen D**, Taeymans J. The Effect of Diet and/or Exercise on Visceral Adipose Tissue in Overweight Children and Adolescents. *Med Sci Sports Exerc* 2016; 48: 1415-24. IF 4.14. Q1
61. De Brandt J, Spruit MA, Derave W, **Hansen D**, Vanfleteren LE, Burtin C. Changes in structural and metabolic muscle characteristics following exercise-based interventions in patients with COPD: a systematic review. *Expert Rev Respir Med* 2016; 10: 521-45. IF 2.43. Q3
62. Wens I, Dalgas U, Vandenabeele F, Verboven K, **Hansen D**, Deckx N, Cools N, Eijnde BO. High intensity exercise can improve glucose tolerance in patients with multiple sclerosis - a randomized controlled trial. *Am J Phys Med Rehabil* 2017; 96: 161-6. IF 1.84. Q1
63. Verboven K, **Hansen D**, Moro C, O Eijnde B, Hoebbers N, Knol J, Bouckaert W, Dams A, Blaak EE, Jocken JWE. Attenuated atrial natriuretic peptide-mediated lipolysis in subcutaneous adipocytes of obese type 2 diabetic men. *Clin Sci* 2016; 130: 1105-14. IF 4.93. Q1
64. **Hansen D**, Roijackers R, Jackmaert L, Robic B, Hendriks M, Yilmaz A, Frederix I, Rosseel M, Dendale P. Compromised cardiopulmonary exercise capacity in patients early after atraumatic endoscopic CABG (endo-ACAB) surgery: implications for rehabilitation. *Am J Phys Med Rehabil* 2017; 96: 84-92. IF 1.84. Q1
65. Wens I, Eijnde BO, **Hansen D**. Muscular, cardiac, ventilatory and metabolic dysfunction in patients with multiple sclerosis: implications for screening, clinical care and endurance and resistance exercise therapy. A scoping review. *J Neurol Sci* 2016; 367: 107-21. IF 2.44. Q3
66. **Hansen D**, De Strijcker D, Calders P. Impact of endurance exercise training in fasted state on muscle biochemistry and metabolism in healthy subjects: are these effects of particular clinical benefit to type 2 diabetes and insulin resistant patients? *Sports Med* 2017; 47: 415-28. IF 7.07. Q1
67. Ghekiere O, Nchimi A, Djekic J, El Hachemi M, Mancini I, **Hansen D**, Ampe M, Vanhoenacker P, de Roos A, Dendale P. Coronary CT angiography: patient-related factors determining image quality using a second-generation 320-slice CT scanner. *Int J Cardiol* 2016; 221: 970-6. IF 6.18. Q1.

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64. Sankaran S, Roveló Ruiz G, **Hansen D**, Dendale P, Coninx K. The EXPERT-HeartHab liaison: bringing grounded exercise guidelines to the patient. EuroPrevent 2019, Lisbon, Portugal, April 2019.
65. Ribeiro GS, Gargnin C, Dal Lago P, **Hansen D**, Agostoni P, Karsten M. Effects of pharmacological and non-pharmacological treatments on cardiorespiratory parameters in chronic heart failure patients with exercise oscillatory ventilation: a systematic review. EuroPrevent 2019, Lisbon, Portugal, April 2019.
66. Foccardi G, Neunhäuserer D, Quinto G, Biancato E, Coninx K, Roveló Ruiz G, **Hansen D**, Ermolao A. Do primary care physicians assess physical activity and propose exercise in patients with different cardiovascular diseases? An Italian pilot study. EuroPrevent 2019, Lisbon, Portugal, April 2019.
67. Michielsen M, Gojevic T, De Craemer M, Claesse G, Cornelissen V, **Hansen D**. Prevention of heart failure in type 2 diabetes by exercise intervention: protocol and design of the PROTECTION study. ESC Preventive Cardiology 2022, Czech Republic, April 2022.
68. Ribeiro GS, Deresz LF, Salvioni E, Silveira LS, **Hansen D**, Agostoni A, Karsten M. Brain natriuretic peptide levels are associated with cycle length average and are different between Ben-Dov and Corra exercise oscillatory ventilation definitions in heart failure patients. ESC Preventive Cardiology 2022, Czech Republic, April 2022.
69. De Wilde C, Bekhuis Y, Claessen G, Kuznetsova T, Cauwenberghs N, **Hansen D**, Gojevic T, Vancraenenbroeck E, Michielsen M, Decorte E, Claes J, Cornelissen V. Personalized remotely guided preventive exercise therapy for a healthy heart: protocol and design of the PRIORITY study. ESC Preventive Cardiology 2022, Czech Republic, April 2022.

70. Karsten M, Ribeiro GS, Deresz LF, Salvioni E, Silveira LS, Hansen D, Agostoni P. Would be the minute ventilation variability an alternative to the dichotomous diagnosis of exercise oscillatory ventilation? ESC Preventive Cardiology 2022, Czech Republic, April 2022.

71. Gojevic T, Turri Da Silva N, Gelade K, Jacobs G, Pirlotte R, Tulleneers B, Kissebeek B, Duchateau A, Mullens W, **Hansen D**. Effects of the addition of high- vs. low-intensity resistance training on top of endurance training in patients with heart failure: preliminary results from a randomized clinical trial. ESC Preventive Cardiology 2022, Czech Republic, April 2022.

ORAL (only international congresses)

1. Dendale P, Berger J, **Hansen D**, Vaes J, Benit E, Weymans M. Cardiac rehabilitation reduces the rate of major adverse cardiac events after percutaneous coronary intervention. Annual meeting of The European Congress of Sports Medicine, Hasselt, Belgium, May 2003.

2. **Hansen D**, Dendale P, Berger J, Onkelinx S, Reyckers I, Hermans A, Vaes J, Reenaers V, Meeusen R. Importance of exercise training session duration in rehabilitation of coronary artery disease patients. 27th annual scientific meeting of the Belgian Society of Cardiology, Brussels, Belgium, February 2008.

3. **Hansen D**, Dendale P, Beelen M, Jonkers RAM, Manders R, Berger J, Mullens A, Corluy L, Meeusen R, van Loon LJ. Low intensity exercise is as effective as high intensity exercise to improve glycemic control in obese type 2 diabetes patients. 55th Annual ASCM Meeting, Indianapolis, USA, May 2008.

4. **Hansen D**, Dendale P, Beelen M, Jonkers RAM, Manders R, Berger J, Mullens A, Corluy L, Meeusen R, van Loon LJ. Low intensity exercise is as effective as high intensity exercise to improve glycemic control in obese type 2 diabetes patients. 27th annual scientific meeting of the Belgian Society of Cardiology, Brussels, Belgium, February 2008.

5. Shaw C, Shepherd S, Wagenmakers AJM, **Hansen D**, Dendale P, van Loon LJC. Six months of endurance type exercise training increases skeletal muscle lipid content, mitochondrial density, and perilipin 2 expression in obese type 2 diabetes patients. 71st scientific presentation of the American Diabetes Association. San Diego, USA, June 2011.

6. Stevens A, Op 't Eijnde B, **Hansen D**, Westerlaken R, Vandoren V, Dendale P. Determinants of glucose intolerance in stable heart failure patients. Annual scientific meeting of the Belgian Society of Cardiology, Brussels, Belgium, February 2013.

7. **Hansen D**, Wens I, Vandenabeele F, Verboven K, Eijnde BO. Altered muscle signaling for mitochondrial and myofibrillar biogenesis is related to impairment and disability level in multiple sclerosis patients. International Congress on NeuroRehabilitation and Neural Repair. Maastricht, The Netherlands, May 2015.
8. Marinus N, Bervoets L, Massa G, Remans M, Verboven K, Stevens A, Takken T, **Hansen D**. Is the respiratory gas exchange ratio a valid marker for maximal exercise effort in obese adolescents? BASO free communications meeting, Liege, Belgium, February 2015.
9. Verboven K, **Hansen D**, Blaak EE, Jocken JWE. Blunted regulation of adipocyte lipolysis by atrial natriuretic peptide in obese men with type 2 diabetes. Annual Dutch Diabetes Research Meeting 2015, Oosterbeek, The Netherlands, November 2015.
10. Marinus N, Bervoets L, Vijgen J, Koopman P, Heidbuchel H, Verboven K, Dendale P, Massa G, Spruit M, **Hansen D**. Are adult obesity-related cardiopulmonary anomalies during maximal exercise testing already present in adolescence? An exploratory study. BASO free communications meeting, Brussels, Belgium, February 2016.
11. Verboven K, **Hansen D**, Blaak EE, Jocken JWE. Depot-specific adipose tissue morphology and inflammatory phenotype in obese insulin resistant and type 2 diabetic men. Annual Dutch Diabetes Research Meeting 2016, Oosterbeek, The Netherlands, December 2016.
12. Verboven K, Wouters K, Gaens K, **Hansen D**, Bijnen M, Wetzels S, Stehouwer CD, Goossens GH, Schalkwijk CG, Blaak EE, Jocken JW. Adipocyte hypertrophy and associated inflammatory phenotype as major determinants of insulin resistance in male obese humans. 24th European Congress on Obesity, Porto, Portugal, May 2017.
13. Verboven K, **Hansen D**, van Dijk JW, van Loon LJC. Adipose tissue lipolytic inhibition enhances the glucoregulatory properties of exercise in type 2 diabetes patients. Biochemical Society Meeting - Insulin and exercise signalling for glucose homeostasis and metabolic health, Bath, United Kingdom, September 2017.
14. Stinkens R, Verboven K, **Hansen D**, Wens I, Frederix I, Eijnde BO, Jocken JW, Goossens GH, Blaak EE. Coordinated regulation of adipose tissue adrenergic- and non-adrenergic-mediated lipolysis during exercise in lean and obese individuals: the effect of exercise training. EASD 53rd Annual Meeting 2017, Lisbon, Portugal, September 2017.
15. Ghekiere O, Bielen J, Dewilde W, **Hansen D**, Mancini I, Dendale P, Nchimi A. FFRCT and stress perfusion CMR are equally reliable alternatives to invasive FFR measurement in functional significance of intermediate-

grade coronary artery stenosis. ESCR (European Society of Cardiac Radiology) meeting , Milan, Italy, Octobre 2017.

16. Verboven K, Stinkens R, **Hansen D**, Wens I, Frederix I, Jocken JWE, Goossens GH, Blaak EE. Coordinated regulation of adipose tissue lipid breakdown during exercise in obese individuals: a contribution of non-adrenergic mediators and the effects of exercise training. EuroPrevent 2018, Ljubljana, Slovenia, April 2018.
17. Gojevic T, Van Ryckeghem L, Jogani S, Frederix I, Bakelants E, Petit T, Stroobants S, Dendale P, Bito V, **Hansen D**, Verwerft J. Unexplained exercise-related dyspnea in type 2 diabetes predicts pulmonary arterial hypertension during exercise. ESC Preventive Cardiology 2022, Czech Republic, April 2022.

INVITED SPEAKER (only international congresses)

1. **Hansen D**. Effects of cardiac rehabilitation on cardiovascular event incidence – are they the same in CABG or PCI patients? Annual EuroPrevent Congress, Madrid, Spain, April 2007.
2. **Hansen D**. Strength and endurance exercise training in CAD patients: from molecular adaptations towards clinical application. Annual EuroPrevent Congress, Stockholm, Sweden, May 2009.
3. **Hansen D**. Exercise as a therapy in heart disease. Fysiocongres, Amsterdam, The Netherlands, November 2009.
4. **Hansen D**. Exercise intervention in the treatment of obesity: selection of proper training modalities to maximize adipose tissue mass loss. Annual EuroPrevent Congress, Geneva, Switzerland, April 2011.
5. **Hansen D**. Exercise therapy in type 2 diabetes: why and how. TM's 1st world cardiovascular, diabetes, and obesity online conference, September 2011
6. **Hansen D**. Exercise intervention in ischemic heart disease patients: how can we maximize the clinical benefits? 17th Annual Congress of the European College of Sport Science, Bruges, Belgium, July 2012.
7. **Hansen D**. The clinical relevance of physical inactivity in patients with heart failure. VHVL Symposium of KNGF, Utrecht, The Netherlands, June 2013.
8. **Hansen D**. Optimal training programmes for different conditions. 33rd Annual Scientific Meeting of the Belgian Society of Cardiology, Brussels, Belgium, January 2014.

9. **Hansen D.** Impaired lipolysis in response to exercise in the obese – another insurmountable problem? Annual EuroPrevent Congress, Amsterdam, The Netherlands, May 2014
10. **Hansen D.** Impaired lipolysis in response to exercise in the obese – another insurmountable problem? Swiss Society of Cardiology/Swiss Society of Cardiac and Vascular Thoracic Society, Annual Meeting, Interlaken, Switzerland, June 2014.
11. **Hansen D.** Lipolysis during exercise in obesity patients: etiology and magnitude of disturbance and impact of exercise training. 2015 Sports Science Summit, London, UK, January 2015.
12. **Hansen D.** Proposal of EACPR EXPERT flowchart: bringing together all rehabilitation recommendations within one algorithm. EuroPrevent 2015, Lisbon, Portugal, May 2015.
13. **Hansen D.** Informatic oriented exercise training in cardiovascular disease: the EXPERT flowchart. Annual ESC Congress, London, UK, August 2015.
14. **Hansen D.** The EACPR EXPERT flowchart: an interactive digital tool that assists rehabilitation specialists in the prescription of training modalities. 35th Annual Scientific Meeting of the Belgian Society of Cardiology, Brussels, Belgium, January 2016.
15. **Hansen D.** The Expert Flowchart Programme: a tool to prescribe Exercise Training in the setting of Cardiac rehabilitation. Promotion of global adherence after Acute Coronary Syndromes and prescription of physical training. Treviso, Italy, June 2016.
16. **Hansen D.** Impact of digital health on optimising exercise training in CAD patients: the EXPERT flowchart. Annual EuroPrevent Congress, Nice, France, June 2016.
17. **Hansen D.** The EAPC Exercise Prescription in Everyday Practice & Rehabilitation Training (EXPERT) tool – a digital decision support system for optimize exercise prescription in cardiovascular disease (risk). 13^o Congress GICR-IACPR, Genova, Italy, October 2016.
18. **Hansen D.** Contemporary health challenges: how can physiotherapy have an impact? Obesity and physical activity. 4th European Congress of the European Region of the World Confederation of Physical Therapy, Liverpool, UK, November 2016.
19. **Hansen D.** Exercise prescription in patients with multiple cardiovascular diseases and risk factors: bringing it all together in the EXPERT tool. Annual EuroPrevent Congress, Malaga, Spain, April 2017.

20. **Hansen D.** The EXPERT Tool: Focus on prevention. Annual EuroPrevent Congress, Malaga, Spain, April 2017.
21. **Hansen D.** Cardiac rehabilitation: crucial to recovery after heart failure decompensation? Portuguese Congress of Cardiology 2017, Albufiera, Portugal, April 2017.
22. **Hansen D.** Exercise prescription in cardiovascular disease: guidelines vs. clinical practice. CardioPrevent 2017, Milan, Italy, October 2017.
23. **Hansen D.** Exercise therapy in type 2 diabetes: state of the art. 15th Congress of the Romanian Federation of Diabetes, Nutrition and Metabolic Disease, Sibiu, Romania, November 2017.
24. **Hansen D.** Molecular impact of exercise on the cardiovascular system. Preventive cardiology, cardiac rehabilitation & sports cardiology: from set-up to new frontiers. Bern, Switzerland, November 2017
25. **Hansen D.** Prescription of strength training for cardiac rehabilitation. Preventive cardiology, cardiac rehabilitation & sports cardiology: from set-up to new frontiers. Bern, Switzerland, November 2017
26. **Hansen D.** Effects of exercise on the cardiovascular system. Cardiovascular Rehabilitation Training Course, Lviv, Ukraine, March 2018
27. **Hansen D.** Prescription of strength training for cardiac rehabilitation. Cardiovascular Rehabilitation Training Course, Lviv, Ukraine, March 2018
28. **Hansen D.** Individualized physical training in CV prevention and rehabilitation. Congres cardiovasculaire preventie en hartrevalidatie, Ede, The Netherlands, March 2018
29. **Hansen D.** Exercise prescription in cardiovascular patients: do we need an EXPERT tool? EuroPrevent 2018, Ljubljana, Slovenia, April 2018.
30. **Hansen D.** Early strength training in cardiac surgery: how and what evidence? Fragilita' e cronicita': nuove sfide in riabilitazione cardiologica. Milan, Italy, May 2018.
31. **Hansen D.** The European Association of Preventive Cardiology (EAPC) Exercise Prescription in Everyday practice & Rehabilitation Training (EXPERT) tool. EuroHeartCare Congress. Dublin, Ireland, June 2018.
32. **Hansen D.** The EXPERT-Tool: a digital decision support system for integrated state-of-the-art exercise prescription in CVD. Annual DGPR Congress. Berlin, Germany, June 2018.

33. **Hansen D.** Optimizing exercise prescription: EXPERT tool. XIX International Symposium of Cardiopulmonary Physiotherapy and Intensive Care Physiotherapy – SIFR. Manaus, Brasil, October 2018.
34. **Hansen D.** Cardiovascular physiotherapy in the world. XIX International Symposium of Cardiopulmonary Physiotherapy and Intensive Care Physiotherapy – SIFR. Manaus, Brasil, October 2018.
35. **Hansen D.** Hospital and outpatient rehabilitation for children with heart disease. XIX International Symposium of Cardiopulmonary Physiotherapy and Intensive Care Physiotherapy – SIFR. Manaus, Brasil, October 2018.
36. **Hansen D.** How will cardiac rehabilitation be in the future? XIX International Symposium of Cardiopulmonary Physiotherapy and Intensive Care Physiotherapy – SIFR. Manaus, Brasil, October 2018.
37. **Hansen D.** The biomolecular effects of exercise training. 14° Congresso Nazionale GICR-IACPR, Genoa, Italy, October 2018.
38. **Hansen D.** Health effects of exercise across pathologies: thinking beyond muscle strength and exercise tolerance. Annual Congress of the Belgian Society of Pneumology: Meeting Respiratory Physiotherapy. Brussels, Belgium, November 2018.
39. **Hansen D.** Physical activity: how to assess and prescribe. EuroHeartCare 2019, Milan, Italy, May 2019.
40. **Hansen D.** The benefits: exercise and cardiometabolic disease. Csanz 2019, Adelaide, Australia, August 2019.
41. **Hansen D.** Exercise training/prescription in obesity, diabetes, cardiovascular disease. Csanz 2019, Adelaide, Australia, August 2019.
42. **Hansen D.** EXPERT: a digital tool for better exercise prescription. ESC Congress 2019, Paris, France, September 2019.
43. **Hansen D.** Exercise after ACS: what should be unquestionably done and the potential role of decision support systems. 2019 autumn meeting of the Section Nucleus of Secondary Prevention and Rehabilitation of the European Association of Preventive Cardiology (EAPC), Milan, Italy, October 2019.
44. **Hansen D.** Cardiac rehabilitation in type 2 diabetes and the role of the EXPERT tool. Prague Prevention 2020. Prague, Czech Republic, January 2020.

45. **Hansen D.** Reversing (pre-)diabetes after transplantation by physical activity or exercise, is it a myth? International Transplantoux Symposium 'Time to Move', Leuven, Belgium, February 2020.
46. **Hansen D.** How cardiac rehabilitation can help in the management of the cardiovascular patient with diabetes. ESC Congress 2020: the digital experience. The Netherlands, Online, August 2020.
47. **Hansen D.** Telerehabilitation: Effectiveness and implementation. BACPR Annual Conference: Looking to the Future: Learning, Innovation and Impact of Covid-19 on Cardiac Rehabilitation Provision. UK, Online, October 2020.
48. **Hansen D.** Appropriate Exercise To Induce Cardioprotective Effects In Patients With CVD Risk: How To Do It? World Conference on Exercise Medicine. Malaysia, Online, October 2020.
49. **Hansen D.** Is digital support valuable for exercise prescription in cardiac rehabilitation? ESC Preventive Cardiology 2021. Online, April 2021.
50. **Hansen D.** Exercise prescription in patients with cardiometabolic disease. BACPR EPG Online Spring Conference 2021 'Optimising Exercise Prescription in Cardiovascular Prevention and Rehabilitation'. Online, June 2021.
51. **Hansen D.** Optimized care after bariatric surgery by physical activity and exercise. B.E.S.T. Congress 2021, Montpellier, France, September 2021.
52. **Hansen D.** Aerobic exercise prescription for cardiovascular rehabilitation: how and why? Congresso Internacional e XXVII Nacional do DERC. Online, Brazil, October 2021.
53. **Hansen D.** The Why and How of Exercise and the Heart: A Position Statement from the European Association of Preventive Cardiology. World Conference on Exercise Medicine 2021. Online, Malaysia, October 2021.
54. **Hansen D.** Can an increased physical activity be effective in case of weight regain? BeSOMS Winter Meeting 2022. February 2022, Brussels, Belgium.
55. **Hansen D.** High Intensity Interval Training (HIIT) in cardiopulmonary rehabilitation. Congrès International de Kinésithérapie et Réadaptation. March 2022, Brussels, Belgium.

56. **Hansen D.** How to optimize the adherence to pharmacological therapy and lifestyle changes in cardiovascular secondary prevention. ESC Preventive Cardiology 2022, April 2022, Prague, Czech Republic.
57. **Hansen D.** Effectiveness of a Comprehensive Internet-Based and Patient-Specific Telerehabilitation Program applied to cardiovascular rehabilitation. XX International Symposium of Cardiopulmonary Physiotherapy and Intensive Care Physiotherapy – SIFR. Manaus, Brasil, May 2022.
58. **Hansen D.** Physical activity in cardiac rehabilitation: individually prescribed medicine. ACNAP–EuroHeartCare Congress 2022. Madrid, Spain, May 2022.
59. **Hansen D.** How to optimize rehabilitation in CVD: key concepts from the latest EAPC position statements. Russian National Congress of Cardiology 2022. Kazan, Russia, September 2022.

INTERNATIONAL WEBINAR

European Society of Cardiology: Exercise Prescription in Patients with Cardiovascular Disease. March 2019

European Society of Cardiology: How to tackle elevated cardiovascular risk in the primary and secondary prevention by multidisciplinary action? November 2020

European Society of Cardiology: Focus on exercise as secondary prevention in CVD (CAD, HF, Arrhythmias), December 2020

POPULAR SCIENCE LECTURES

Universiteit van Vlaanderen: Hoe wordt ik fit vanuit mijn luie zetel? How do I get fit from the comfort of my couch? January 2020

Universiteit van Vlaanderen: Waarom val ik niet af, ook al sport ik 3 keer per week? Why don't I lose weight, even though I exercise 3 times a week? January 2021

Lecture.nl: Wat Je Waarschijnlijk Nog Niet Wist Over Sporten & Bewegen. What You Probably Didn't Know About Sports & Exercise. February 2023