Curriculum Vitae

Anna-Luisa Häcker

Education

02/2017 – 05/2020	PhD at the German Heart Centre Munich, Germany Topic: Cardiovascular Risk in Patients with Congenital Heart Disease
10/2013 – 08/2016	M. Sc. Health Science - Prevention & Health Promotion, Technical University of Munich, Germany Final grade: 1,7 (passed with merit) Master's thesis topic: "*Impact of cardiopulmonary bypass time on motor development in children and adolescents with congenital heart disease."* Final grade: 1,0 (passed with high distinction)
10/2010 – 03/2014	B. Sc. Scientific Principles of Sports, Technical University of Munich, Germany Final grade: 2,7 (satisfactorily passed) Bachelor's thesis topic: *"Comparison of healthy children and children with congenital heart disease due to their coordinative motor skills."* Final grade: 1,3 (passed with high distinction)
09/2001 – 07/2010	Gymnasium Rutesheim, Abitur

Work Experience

10/2016 – 12/2018	Research associate at the Chair of Preventive Pediatrics (Prof. Renate Oberhoffer), Technical University of Munich, Germany
01/2014 – 09/2016	Student assistant at the Chair of Preventive Pediatrics (Prof. Renate Oberhoffer), Technical University of Munich, Germany
04/2012 – 10/2016	Trainer of a soccer team for people with mental disabilities, Caritas Dachau, Germany
01/2013 – 12/2013	Trainer of several children's sports groups, Munich, Germany

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Training

02/2015	Instructor for exercise in patients with cardiovascular diseases
03/2014	Instructor for orthopedic hip school
07/2013	Training course for back school
06/2013	Instructor for orthopedic knee school
06/2012	Advanced course Myofascial Kinesiology Taping (Sport Performance & Sport Trauma)
05/2012	Basic course Myofascial Kinesiology Taping
03/2012	Ski instructor basic level
2010	two-month training as nurse's aide with a six-week internship at the Hospital, Leonberg, Germany

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International experience

04 – 09/2015	Researcher at the Université de Montréal in cooperation with the Sainte-Justine Children's Hospital in Montréal, Canada

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Scholarship

04 – 09/2015	Funding of the research stay abroad by the Bavarian Research Alliance

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Awards

5/2018	Third place for the best oral poster presentation at the Annual Meeting of the Association for European Pediatric and Congenital Cardiology, 2018, Athens, Greece

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Publications

First authorship

1. Häcker A-L. Cardiovascular risk in patients with congenital heart disease [PhD Thesis]: Technische Universität München; 2020.
2. Häcker AL, Reiner B, Oberhoffer R, Hager A, Ewert P, Muller J. Functional outcomes in children with anatomically repaired transposition of the great arteries with regard to congenital ventricular septal defect and coronary pattern. Arch Dis Child. 2019.
3. Häcker AL, Oberhoffer R, Hager A, Ewert P, Muller J. Metabolic syndrome in adults with congenital heart disease and increased intima-media thickness. Congenit Heart Dis. 2019;14(6):945-51.
4. Häcker A, Brudy L, Hager A, Oberhoffer R, Ewert P, Müller J. Age-related Cardiovascular Risk in Adult Patients with Congenital Heart Disease European Journal of Preventive Cardiology. 2018;25(Suppl 2):S72-S105.
5. Häcker A-L, Reiner B, Oberhoffer R, Hager A, Ewert P, Müller J. Increased arterial stiffness in children with congenital heart disease. European Journal of Preventive Cardiology. 2017:2047487317737174.
6. Häcker A-L, Bigras J-L, Henderson M, Barnett TA, Mathieu M-E. Motor Skills of Obese and Severely Obese Children and Adolescents-A CIRCUIT Study. The Journal of Strength & Conditioning Research. 2017.

Co-authorship

1. Meyer M, Wang Y, Brudy L, Häcker A-L, Schulz T, Weberruss H, et al. Impaired grip strength in children with congenital heart disease. Arch Dis Child. 2022;107(1):47–51.
2. Brudy L, Häcker A-L, Meyer M, Oberhoffer R, Hager A, Ewert P, et al. Adults with Congenital Heart Disease Move Well but Lack Intensity: A Cross-Sectional Study Using Wrist-Worn Physical Activity Trackers. Cardiology. 2022;147(1):72–80.
3. Reiner B, Oberhoffer R, Häcker A-L, Ewert P, Müller J. Is Carotid Intima-Media Thickness Increased in Adults With Congenital Heart Disease? J Am Heart Assoc. 2020;9(3):e013536.
4. Fuertes-Moure A, Meyer M, Haecker A-L, Reiner B, Brudy L, Pertega-Diaz S, et al. Longitudinal Health-Related Quality of Life Assessment in Children with Congenital Heart Disease. CONGENITAL HEART DISEASE. 2020;15(4):217–27.
5. Brudy L, Hock J, Häcker A-L, Meyer M, Oberhoffer R, Hager A, et al. Children with congenital heart disease are active but need to keep moving: a cross-sectional study using Wrist-Worn physical activity Trackers. The Journal of Pediatrics. 2020;217:13–9.
6. Hock J, Häcker A-L, Reiner B, Oberhoffer R, Hager A, Ewert P, et al. Functional outcome in contemporary children and young adults with tetralogy of Fallot after repair. Arch Dis Child. 2019;104(2):129–33.
7. Fuertes Moure A, Meyer M, Häcker A-L, Reiner B, Brudy L, Oberhoffer R, et al. Health-related physical fitness and quality of life in children and adolescents with isolated left-to-right shunt. Frontiers in pediatrics. 2019:488.
8. Reiner B, Oberhoffer R, Häcker A-L, Ewert P, Müller J. Carotid intima-media thickness in children and adolescents with congenital heart disease. Can J Cardiol. 2018.
9. Meyer M, Hreinsdottir A, Häcker A-L, Brudy L, Oberhoffer R, Ewert P, et al. Web-Based motor intervention to increase health-related physical fitness in children with congenital heart disease: a study protocol. Frontiers in Pediatrics. 2018;6:224.
10. Nguyen S, Häcker A-L, Henderson M, Barnett T, Mathieu M-E, Pagani L, et al. Physical activity programs with post-intervention follow-up in children: a comprehensive review according to categories of intervention. Int J Environ Res Public Health. 2016;13(7):664.