

University of Groningen

Barriers to active participation of school-aged children

Husárová, Daniela

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2017

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Husárová, D. (2017). *Barriers to active participation of school-aged children*. University of Groningen.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Barriers to active participation of school-aged children

Daniela Husárová

Copyright:

© Daniela Husárová

© 2014 Swiss School of Public Health (Chapter 4)



university of
 groningen

Thesis for the University of Groningen, the Netherlands – with summary
in Dutch and Slovak

All rights reserved. No part of this publication may be reproduced, stored
in a retrieval system or transmitted in any form or by any means elec-
tronic, mechanical, photocopying, recording or otherwise, without prior
written permission of the author.

Correspondence:

Daniela Husárová

daniela.husarova@upjs.sk

This study was supported by the Slovak Research and Development Sup-
port Agency (APVV) under Contract No.: APVV-0032-11 and APVV-15-
0012, by the Scientific Grant Agency of the Ministry of Education, Science,
Research and Sport of the Slovak Republic, the Slovak Academy of Sci-
ences, reg. no. 1/0427/17 and reg. no. 1/0981/15.

The printing of this thesis was supported by the Graduate School for
Health Research (SHARE), the Graduate School Kosice Institute for Socie-
ty and Health (KISH), the University Medical Center Groningen (UMCG)
and the University of Groningen.

Design and Layout: Daniela Husárová, Equilibria s.r.o.

Cover background picture: Mgr. Art. Michal Dankulinec
(www.dankulinec.sk)

Language corrections: David L. McLean

Press: Equilibria s.r.o.

Printed in the Slovak Republic

ISBN 978-90-367-9972-0 (printed version)

ISBN 978-90-367-9971-3 (digital version)

Barriers to active participation of school-aged children

PhD thesis

to obtain the degree of PhD at the
University of Groningen
on the authority of the
Rector Magnificus Prof. E. Sterken
and in accordance with
the decision by the College of Deans.

This thesis will be defended in public on

20 September 2017 at 14.30

by

Daniela Husárová

born on 30 April 1987
in Svidník, Slovakia

Supervisors

Prof. dr. S.A. Reijneveld
Prof. dr. A. Madarasova Geckova

Co-supervisor

Dr. J.P. van Dijk

Assessment committee

Prof. dr. A.A.E. Verhagen
Prof. dr. H. Grietens
Prof. PhDr. P. Macek, CSc.
Prof. dr. P. Jarcuska

Contents

Chapter 1	
Introduction	7
Chapter 2	
Data sources	21
Chapter 3	
Screen-based behaviour in school-aged children with long-term illness	27
Chapter 4	
Is the association between screen-based behaviour and health complaints among adolescents moderated by physical activity?	37
Chapter 5	
Do sleeping and eating habits mediate the association between screen time and school difficulties?	49
Chapter 6	
Active participation and perceived barriers among adolescents with diabetes mellitus	63
Chapter 7	
How parents can affect excessive spending of time on screen-based activities	73
Chapter 8	
General discussion	89
References	105
Summary	125
Samenvatting	127
Zhrnutie	131
Acknowledgements	133
About the author	135
Graduate School Kosice Institute for Society and Health (KISH) and previous dissertations	137
Research Institute SHARE	141