

ACTIVITY CARD SORT NL 2.0:

FUTURE PROOF DEVELOPMENT OF AN INSTRUMENT MEASURING PARTICIPATION IN ACTIVITIES

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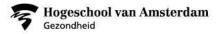
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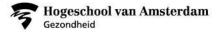
CREATING TOMORROW





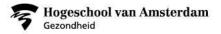
AIM OF THIS PRESENTATION

- •To share experiences of implementation and development of the ACS- NL;
- •in practice, education and research.
- •Foster research and collaboration with professionals, students and clients.
- •Inspire you with the power of photos illustrating activities.



INTRODUCTION

- •Participation involves active engagement in daily life, in families, in work and in communities (Christiansen et al., 2005).
- •Engagement in social activities key determinant for healthy ageing (Piskur, 2012)
- •The enablement of engagement in desired and/or needed occupations is core domain OT (Townsend & Polatajko, 2007).



ACTIVITY CARD SORT - NL

Instrument

Assessment of the perceived level of participation (Baum, 2006)

Photo based, Dutch Version (van Nes, Jong, 2012)

Focus on 79 instrumental, leisure and social activities

Scores

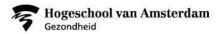
Provides an activity level (score range: 0 - 100+):

Percentage of activities,

currently engaged in vs. involved with, prior to illness or life event.

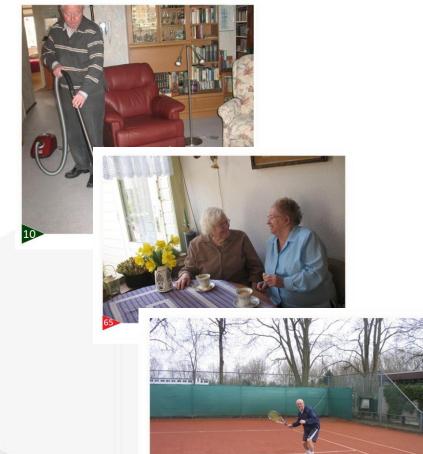
Overall score or a domain score.

Selection five activities that are most important to them.

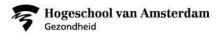


ACTIVITY CARD SORT - NL

- Comprises four domains:
 - instrumental activities
 - social activities
 - high-demand leisure activities
 - low-demand leisure activities
- •Versions:
 - institutional
 - recovering
 - community
- Provides an activity level (score)
- Labels





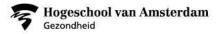


ACS-NL IN PRACTICE

 Cultural evaluation 	2008
•Translation	
•Expert meetings	2010
 Instrument development and design 	2012
 Development ACS-NL course 	2013

•Release Dutch guidelines for OT in stroke	2013
•160 OT's educated and trained	2015
•Development ACS-NL 2.0	2015





ACS-NL IN EDUCATION

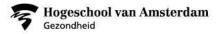
- Implement in OT bachelor curricula
- Educate students and teachers

Student (research) projects in:

- Digital scoring form
- Tablet / web-application
- Online community platform
- Midlife'- version
- ACS-NL 2.0

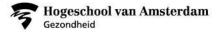


TIJDSCHRIFT / BOEK LEZEN

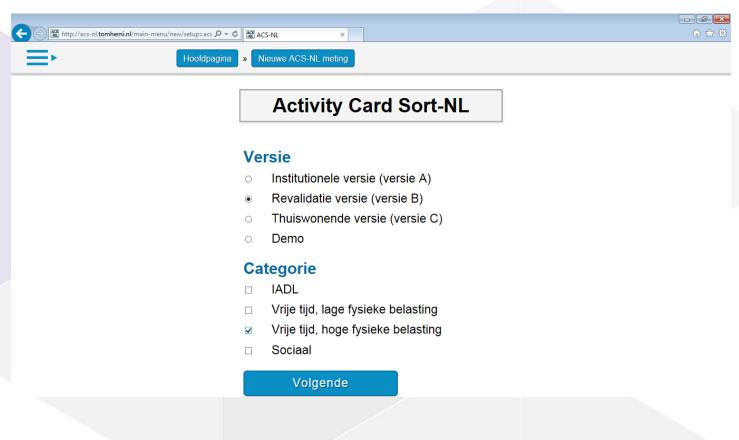


DIGITAL SCORING FORM

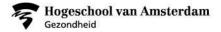
_	-				"			- '	
	Hoges	chool van	Amsterd	lam Activity	Card Sort	t NL			
	_	В	. Revalio	datie versie					
	Gebaseerd op Baum, C. & Edwards, D. (2008). Activity Card Sort, 2nd edition. Bethesda, MD: AOTA Press.								
	Naam cliënt: TEST		N:		ANC				
				nstelling:	AMC				
	Geboortedatum:	Diagno CVA							
	Naam ergotherapeut: Soemitro								
	Datum: 22-04-2014								
Nummer	Activiteiten (IADL)	Doe het niet meer	Doe het minder	Begin het opnieuw te doen	Blijven doen	In het verleden gedaan	Nieuwe activiteit	Niet gedaan	Tevreden heid
23	Rusten		0,5			1			1
24	Naar de kapper gaan			0,5		1			
	Op (klein)kinderen passen				1	1			
	Totaal IADL activiteiten	0	0,5	0,5	4	6	0		2
									3
	Notities							Huidig	5
110000								Vroeger	6
									den 83,3%
Formu	lier A Formulier B Formulier C	Opme	rkingen	+					: 1



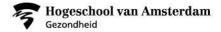
TABLET / WEB APPLICATION

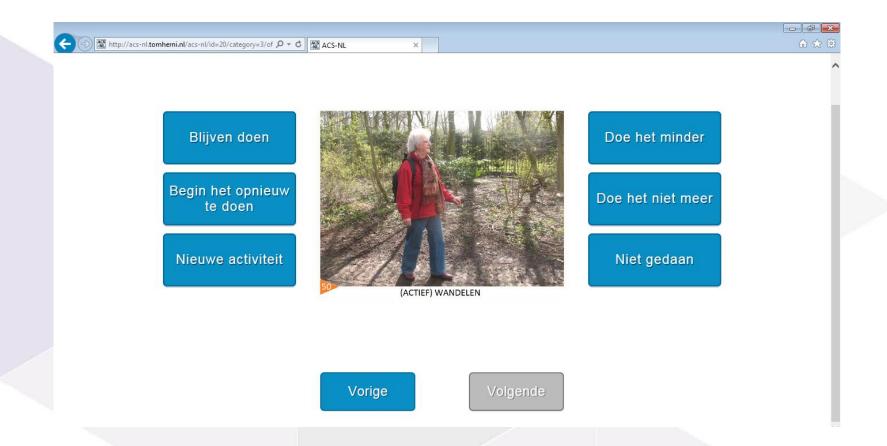


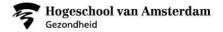
ACS - LINK

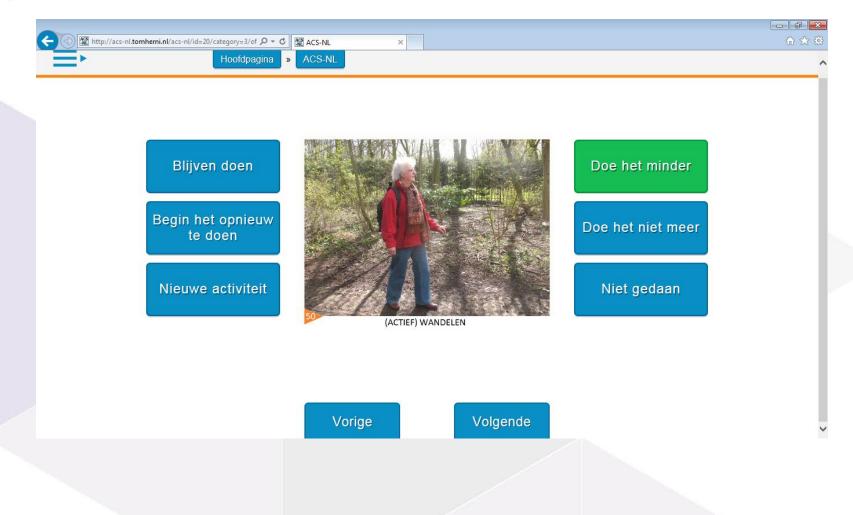


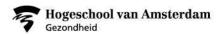






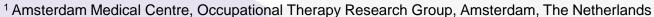






'MID-LIFE DRAFT VERSION' ACS-NL

- For younger clients
- Work-life-balance
- Chronic fatigue syndrome (CFS)
- Interventions 'Energy Conservation' and 'Energiek'



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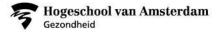






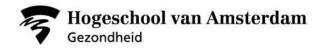






ACS-NL IN RESEARCH





CONSTRUCT VALIDITY OF THE DUTCH VERSION OF THE ACTIVITY CARD SORT

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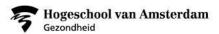
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CONSTRUCT VALIDITY OF THE ACS-NL (1)

Methods

Participants and setting sample of 191 individuals with PD

participating in the Occupational Therapy in

Parkinsons'Disease (OTiP) study (Sturkenboom et al., 2013)

Study design cross sectional study

Inclusion criteria idiopathic Parkinson's disease, live at home, difficulties in

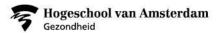
valued daily activities

Analysis discriminative validity: extreme-group design

(Hoehn and Yahr stages 1 and 3); Mann-Whitney test

convergent validity: ACS-NL, Canadian Occupational Performance Measure (COPM) and the Parkinson's Disease Questionnaire (**PDQ-39**); Spearman's r

ACS-NL satisfaction with COPM and the Utrecht Scale for the Evaluation of Rehabilitation Participation (**USER-P**).



CONSTRUCT VALIDITY OF THE ACS-NL (2)

Results

discriminative validity: good (U = 576.5, p < 0.001)

convergent validity: weakly COPM scores (r = .19, p < 0.001)

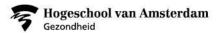
moderately PDQ-39 scores (r = .44 to .55, p < 0.001) weakly COPM satisfaction scores (r = .22, p < 0.001)

moderately USER-P satisfaction scores ($r \ge .46$, p < 0.001).

Conclusions good discriminative validity

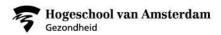
weak to moderate convergent validity ACS-NL provides additional information on participation in individuals with PD

added measure of self-perceived satisfaction seems redundant.



ACS-NL 2.0

- OT's experiences and recommendations from practice and research:
 - Less bright colors
 - Digital version
 - Improvement manual
 - Improvement scoring forms
 - More practical, feasable, less time consuming
 - Extra label "want to do again"
 - Improvement clinimetric properties
- ACS 2.0 Pilot version:
 - One scoring form , one version
 - New satisfaction measure
 - New frequency measure
 - Focus on prioritized activities



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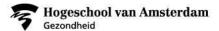
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THANK YOU FOR YOUR ATTENTION!

QUESTIONS?





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