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of Wheelchair Professionals



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International Society of Wheelchair Professionals (ISWP)

Report on Literature Search of Wheelchair (WC) Standards, Testing,
WC Evaluation & Outcome Measures



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Contact Information:

University of Pittsburgh - Department of Rehabilitation Science and Technology

Telephone: 412.624.8150

Email: karl61@pitt.edu

Web: <http://www.wheelchairnet.org/>

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International Society of Wheelchair Professionals (ISWP)

Literature Review - Wheelchair Standards, Testing, WC Evaluation & Outcome Measures

Date: 03/25/2015

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Literature Search: Wheelchair (WC) Standards, Testing, WC Evaluation & Outcome Measures

1. Introduction

Journal papers and conference proceedings were searched on prominent databases from March 4 – 22 and the articles were screened based on relevance of the Title. In all, 269 articles were screened. Further screening will take place in the upcoming week based on abstracts.

2. Databases Searched

1. MEDLINE/PubMed
2. CIRRIE
3. EBSCO Host
4. Scopus
5. RESNA (Conference Proceedings)

3. Search Fields

1. Title
2. Title/Abstract
3. Author

4. Search Terms

Wheelchair + standards, testing, assessment, performance, stability, turning, comparison, comparison AND user, evaluation, user AND evaluation, satisfaction, outcome AND measure, functional AND assessment, functional AND outcome, environment.

5. Authors searched

Stephen Sprigle, Rory Cooper, van der Woude, Alicia Koontz, Jon Pearlman, Lee Kirby

6. Search Results

Date Searched	Database	Search Term	Number of Returned Results
03/04/2015	Pubmed	wheelchair[Title] AND testing[Title]	28
03/04/2015	Pubmed	(wheelchair[Title]) AND evaluation[Title]	89
03/04/2015	Pubmed	(wheelchair[Title]) AND standards[Title/Abstract]	43
03/08/2015	Pubmed	(wheelchair[Title]) AND stability[Title/Abstract]	60
03/08/2015	Pubmed	wheelchair[Title] AND turning[Title]	6
03/08/2015	Pubmed	wheelchair[Title] AND ISO[Title]	5
03/08/2015	Pubmed	wheelchair[Title] AND ANSI/RESNA[Title]	2
03/08/2015	Pubmed	(wheelchair[Title]) AND usability[Title/Abstract]	18
03/08/2015	Pubmed	(wheelchair[Title]) AND assessment[Title]	42
03/15/2015	Pubmed	(user[Title]) OR (assessment[Title]) OR (wheelchairs[Title])	50
03/15/2015	Pubmed	((user[Title]) AND wheelchair[Title]) AND testing[Title]	1
03/15/2015	Pubmed	(wheelchair[Title]) AND environment[Title]	9
03/15/2015	Pubmed	Sprigle S[Author]	74
03/15/2015	Pubmed	(van der woude LH[Author]) AND wheelchair[Title]	92
03/15/2015	Pubmed	(wheelchair[Title]) AND review[Title]	22
03/15/2015	Pubmed	(Koontz[Author]) AND wheelchair[Title]	32
03/15/2015	Pubmed	(Wheelchair[Title]) AND comparison[Title]	68
03/15/2015	Pubmed	(Wheelchair[Title]) AND environment[Title]	9
03/15/2015	Pubmed	(Wheelchair[Title]) AND satisfaction[Title]	9
03/21/2015	EBSCO	wheelchair[Title] AND	15

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		testing[Title]	
03/21/2015	EBSCO	(wheelchair[Title]) AND standards[Title]	14
03/21/2015	EBSCO	(Wheelchair[Title]) AND comparison[Title]	23
03/21/2015	EBSCO	(wheelchair[Title]) AND assessment[Title]	32
03/21/2015	EBSCO	(wheelchair[Title]) AND usability[Title]	4
03/21/2015	EBSCO	(wheelchair[Title]) AND functional[Title]	14
03/21/2015	EBSCO	((user[Title]) AND wheelchair[Title]) AND evaluation[Title]	5
03/21/2015	EBSCO	(wheelchair[Title]) AND outcome measure[Title]	10
03/21/2015	EBSCO	(wheelchair[Title]) AND performance[Title]	42
03/21/2015	Scopus	wheelchair[Title] AND testing[Title]	49
03/21/2015	Scopus	(wheelchair[Title]) AND standards[Title]	53
03/21/2015	Scopus	(assessment[Title]) AND (wheelchairs[Title])	84
03/21/2015	Scopus	(wheelchair[Title]) AND rating[Title]	2
03/21/2015	Scopus	(wheelchair[Title]) AND performance[Title]	158
03/21/2015	Scopus	(wheelchair[Title]) AND driving performance[Title]	13
03/21/2015	Scopus	(wheelchair[Title]) AND comparison[Title]	102
03/21/2015	Scopus	(wheelchair[Title]) AND user comparison[Title]	9
03/21/2015	Scopus	(wheelchair[Title]) AND evaluation[Title]	233
03/21/2015	Scopus	TITLE("user evaluation") AND TITLE(wheelchair)	7
03/21/2015	Scopus	TITLE("user satisfaction") AND TITLE(wheelchair)	2
03/21/2015	Scopus	TITLE("satisfaction") AND TITLE(wheelchair)	12
03/21/2015	Scopus	TITLE(Wheelchair	9

		Outcome Measure)	
03/21/2015	Scopus	TITLE(Wheelchair functional assessment)	3
03/21/2015	Scopus	TITLE(Wheelchair functional outcome)	2
03/21/2015	CIRRIE	(wheelchair[Title]) AND standards[Title]	1
03/21/2015	CIRRIE	(wheelchair[Title]) AND evaluation[Title]	7
03/21/2015	CIRRIE	(wheelchair[Title]) AND evaluation[Title]	3
03/21/2015	CIRRIE	(Wheelchair[Title]) AND satisfaction[Title]	1
03/21/2015	CIRRIE	(Wheelchair[Title]) AND stability[Title]	2
03/21/2015	CIRRIE	(Wheelchair[Title]) AND assessment[Title]	3
03/21/2015	CIRRIE	(Wheelchair[Title])	101
03/21/2015	CIRRIE	(manual wheelchair[Title])	10

7. List of Articles

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