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Participation as an intervention outcome for children with disabilities and/or chronic conditions in low- and middle-income countries: a scoping review

Milena Milićević, Ph.D.
Senior Research Fellow
Institute of Criminological and Sociological Research
Belgrade, Serbia





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- focusing on changing body structures and functions alone is not effective
- targeted and optimally effective interventions have been used to improve and promote the participation of children with disabilities
- to describe and map the literature available on the participation-based interventions of young people with disabilities and/or chronic conditions living in low- and middle-income countries (LMICs)



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- literature review based on the principles of scoping methodology
- CINAHL, ScienceDirect, MEDLINE, PsychINFO and Cochrane Library
- ((Disab OR "special needs" OR impairment OR "developmental delay" OR "long term health condition") AND (barriers[Title/Abstract] AND physical activity[Title/Abstract] AND (child[Title/Abstract] OR youth[Title/Abstract] OR adolescen[Title/Abstract] OR teenage[Title/Abstract] OR toddler[Title/Abstract] OR infan[Title/Abstract]))) AND (("2000"[Date - Publication] : "2023"[Date - Publication]))
- TX + (Disab OR special needs OR impairment OR developmental delay OR long term health condition) + AND
TI + (barriers AND physical activity AND (child OR youth OR adolescen OR teenage OR toddler OR infan)) OR
AB + (barriers AND physical activity AND (child OR youth OR adolescen OR teenage OR toddler OR infan))
OR SU + (barriers AND physical activity AND (child OR youth OR adolescen OR teenage OR toddler OR infan))
= 2000-2022



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- inclusion criteria:
 - peer-reviewed original articles published between 2000 and 2022
 - addressing participation as an outcome of interventions
 - children and youth (0–21y) with disabilities and/or chronic conditions
 - living in LMICs
- data were extracted using a data-charting form and analysed descriptively



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- 597 papers identified
- 15 papers from 11 LMICs included

Malawi

Brazil

Kenya

India

Nigeria

Iran

Zimbabwe

Thailand

The Philippines

Turkey

South Africa

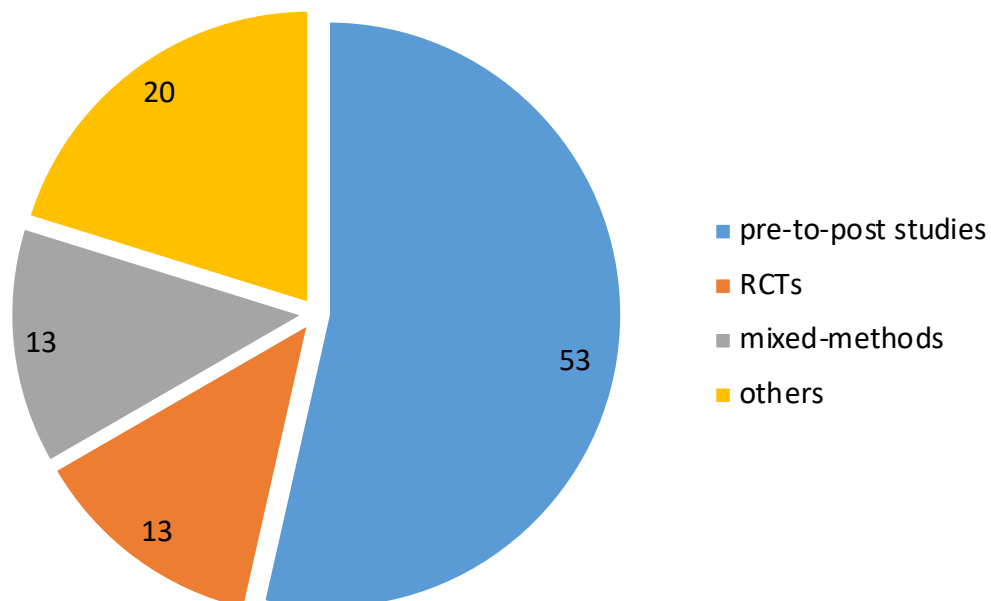


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Study designs (%)



- often based on relatively small samples and focused on attendance or engagement
- the majority of interventions showed positive outcomes for children and youth with disabilities and/or chronic conditions

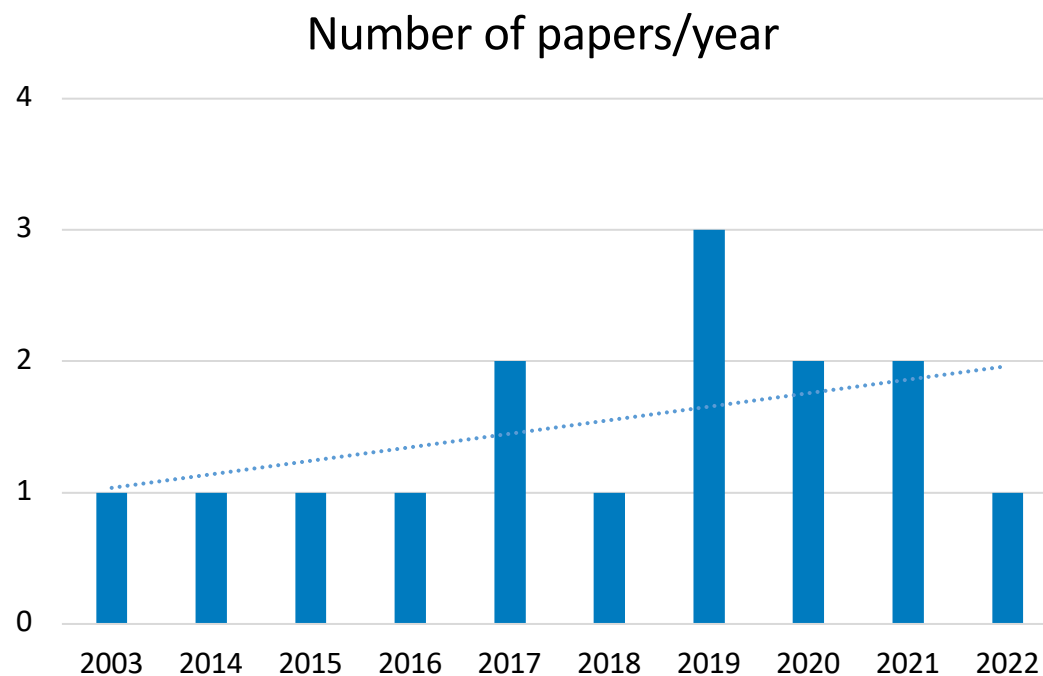


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- growing evidence for participation-based interventions for children with disabilities and/or chronic conditions in LMICs
- future research should address all participation-related constructs, and involve participation-specific and multi-respondent measures, both general and condition-specific





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Thank you

orcid.org/0000-0001-8344-5504

<http://www.researcherid.com/rid/E-6375-2012>

www.researchgate.net/profile/Milena_Milicevic2

Scopus Author ID: 55273730000

