E-Poster

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Health-Related Quality of Life and Leisure Time Use: A Comparison Between Chilean Children and Adolescents With and Without Disabilities. Results From the National Disability and Dependency Survey 2022

Topic: Disability Studies

Kabir P. Sadarangani

Dirección Médica Nacional, Instituto Teletón, Santiago, Chile

BACKGROUND

This study aimed to determine the association between disability and both health-related quality of life (HRQoL) and leisure time use among Chilean children and adolescents aged 10 to 17 years.

METHODS

Data were collected from 2,424 participants in the 2022 National Disability and Dependency Survey. Disability was classified according to the Model Disability Survey, based on the International Classification of Functioning, Disability, and Health, into mild-moderate and severe categories. HRQoL was assessed using the KIDSCREEN-27, while leisure time use was evaluated based on participation in activities during the past week or month. The models were adjusted for age, sex, household income per capita, geographic zone, and macroregions as covariates.

RESULTS

Both mild-moderate (n = 134, 5.5%) and severe disabilities (n = 261, 10.8%) were inversely associated with all domains of HRQoL, with psychological well-being showing the largest magnitude of association (mild-moderate: $\beta = -6.8$ [95% CI, −8.4, −5.2]; severe: $\beta = -6.1$ [95% CI, −7.4, −4.8]), with the group without disability as the reference. Furthermore, disability was associated with lower participation in leisure activities compared to children without disabilities. Engagement in sports or physical activity was lower in both groups (mild-moderate: OR = 0.51 [95% CI, 0.35, 0.74]; severe: OR = 0.65 [95% CI, 0.47, 0.90]), as well as participation in clubs or workshops where sports or physical activities are practiced (mild-moderate: OR = 0.61 [95% CI, 0.41, 0.89]; severe: OR = 0.82 [95% CI, 0.60, 1.11]).

CONCLUSION

This study demonstrated that disability is associated with poorer HRQoL and reduced participation in leisure activities. These findings highlight the need to improve living conditions and opportunities for people with disabilities, promoting discussions on enhancing their well-being and social participation in line with the Sustainable Development Goals Agenda 2030.

Statement of Disclosures

None

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Corresponding Author:
Kabir Sadarangani
Dirección Médica Nacional, Instituto Teletón, Santiago, Chile
Email: kabir.sadarangani@teleton.cl