

INPLASY PROTOCOL

To cite: Santos-Miranda et al. Conceptualization and structure of Physical Literacy. A systematic review for its understanding in Spanish-speaking populations. Inplasy protocol 202230074. doi: 10.37766/inplasy2022.3.0074

Received: 15 March 2022

Published: 16 March 2022

Corresponding author:
Isaac Estevan

isaac.estevan@uv.es

Author Affiliation:
AFIPS Research Group.
Department of Teaching
Musical, Visual and Corporal
Expression. University of
Valencia, Spain.

Support: MCIN/AEI/
10.13039/501100011033.

**Review Stage at time of this
submission:** Piloting of the
study selection process.

Conflicts of interest:
None declared.

Conceptualization and structure of Physical Literacy. A systematic review for its understanding in Spanish- speaking populations

Santos-Miranda, E¹; Carcamo-Oyarzun, J²; Carballo-Fazanes, A³;
Abelairas-Gómez, C⁴; Aguilar-Farias, N⁵; Estevan, I⁶.

Review question / Objective: This systematic review aims to provide evidence of attributes for the concept and structure of the term physical literacy for its understanding in Spanish-speaking countries mainly from Latin America and Spain.

Condition being studied: Many definitions of physical literacy refer to a lifelong participation in physical activity, presenting multiple benefits for people's health. Therefore, many organizations (universities, government entities, research groups) in different countries promote interventions for its development. However, the approach to these interventions is based on different concepts and attributes, depending on the country where they are organized. Taking into account that physical literacy is a global approach that is being disseminated worldwide, it is necessary to analyze its different conceptualizations, carrying out a systematic review that presents evidence of how physical literacy is being understood around the world. By describing the attributes characterizing the concept and structure of physical literacy, we aim to contextualize and enhance the understanding of physical literacy in Spanish-speaking countries and regions from Spain, Latin America, Africa and Asia which involve more than 500 millions of people.

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 16 March 2022 and was last updated on 16 March 2022 (registration number INPLASY202230074).

INTRODUCTION

Review question / Objective: This systematic review aims to provide evidence of attributes for the concept and structure

of the term physical literacy for its understanding in Spanish-speaking countries mainly from Latin America and Spain.

Rationale: Most of the scientific publications related to physical literacy have been published in English. Therefore, it is necessary to conduct a systematic review of the conceptualization and structure of physical literacy to be presented in the Spanish language and thus contribute to its dissemination in Spanish-speaking countries and regions from Spain, Latin America, Africa and Asia.

Condition being studied: Many definitions of physical literacy refer to a lifelong participation in physical activity, presenting multiple benefits for people's health. Therefore, many organizations (universities, government entities, research groups) in different countries promote interventions for its development. However, the approach to these interventions is based on different concepts and attributes, depending on the country where they are organized. Taking into account that physical literacy is a global approach that is being disseminated worldwide, it is necessary to analyze its different conceptualizations, carrying out a systematic review that presents evidence of how physical literacy is being understood around the world. By describing the attributes characterizing the concept and structure of physical literacy, we aim to contextualize and enhance the understanding of physical literacy in Spanish-speaking countries and regions from Spain, Latin America, Africa and Asia which involve more than 500 millions of people.

METHODS

Search strategy: The search strategy considers article title, abstract, and keywords using the following query string: "Physical litera*" AND "defin*" OR "model" OR "concept" OR "concept*" OR "theor*" OR "structur*".

Participant or population: Without restrictions.

Intervention: Not applicable.

Comparator: Not applicable.

Study designs to be included: This review will consider quantitative, qualitative and mixed methods studies (experimental and observational studies, before and after studies, analytical cross-sectional studies, prospective and retrospective cohort, Delphi studies, case series studies, and pilot studies).

Eligibility criteria: The review studies have the following inclusion criteria: (1) Peer reviewed journal articles and book chapters on studying the concept, conceptual model and/or structure of physical literacy; (2) articles written in Spanish or English. Exclusion criteria were: (1) articles that did not address the definition, philosophy or associations of physical literacy; (2) articles that in the title or abstract used the term physical literacy, however did not refer to it in the full text; (3) books reviews and/or abstracts or other documents based on 'researchers' opinion.

Information sources: The following electronic databases will be used: EBSCOhost (SPORTDiscus, ERIC, CINAHL); ProQuest (ProQuest Central, APA PsycInfo, Education Collection); Web of Science (Web of Science core collection, MEDLINE, SciELO Citation Index); Scopus.

Main outcome(s): To identify the main conceptualizations of physical literacy and the domains that make up its structure, which will serve as a basis for its understanding in Spanish.

Additional outcome(s): Not applicable.

Data management: The review will follow the Preferred Reporting Items for Systematic reviews and Meta-Analysis (PRISMA) guidelines. Two independent authors managed the data using the platform <http://www.covidence.org>. According to PRISMA procedures, all duplicate papers, i.e., the same paper from different duplicate papers, i.e., the same paper coming from different search engines, will be eliminated. Once the duplicates will be removed, then, the abstracts will be read and considered

eligible or ineligible according to the inclusion and exclusion criteria.

Quality assessment / Risk of bias analysis:

Not applicable. Considering that this review seeks to analyze the various conceptualizations of physical literacy and the various components of its structuring, we understand that the risk of bias of the included studies would not impact our purpose.

Strategy of data synthesis: First, basic coding will be carried out to identify general themes. Then, codes for these trends will be generated inductively with the following headings: (a) keywords and properties of physical literacy; (b) philosophical considerations; (c) related characteristics. Second, an in-depth coding process will be conducted to identify the main categories and sub-themes related to the higher-order theme.

Subgroup analysis: No analyses.

Sensitivity analysis: No analyses.

Language: English and Spanish.

Country(ies) involved: Spain and Chile.

Other relevant information: None.

Keywords: Physical Literacy, Health, Physical Education, Lifelong Physical Activity.

Dissemination plans: We will submit a paper to a journal in Spanish to make the work visible for all Spanish-speaking countries and regions from Spain, Latin America, Africa, and Asia, which involve more than 500 million people.

Contributions of each author:

Author 1 - Eva Santos-Miranda - Data collection; data management; analysis of data; interpretation data; writing the review. Email: eva.santos.miranda@sergas.es

Author 2 - Jaime Carcamo-Oyarzun - Conceiving the review; designing the review; writing the review; providing funding.

Email: jaime.carcamo@ufrontera.cl

Author 3 - Aida Carballo-Fazanes - Data collection; data management; analysis of data; interpretation data; writing the review. Email: aida.carballo.fazanes@usc.es

Author 4 - Cristian Abelairas-Gómez - Data collection; data management; analysis of data; interpretation data; writing the review. Email: cristian.abelairas.gomez@usc.es

Author 5 - Nicolas Aguilar-Farias - Designing the review; writing the review; providing funding.

Email: nicolas.aguilar@ufrontera.cl

Author 6 - Isaac Estevan - Conceiving the review; designing the review; coordinating the review; data collection; data management; analysis of data; interpretation data; writing the protocol or review; providing funding.

Email: isaac.estevan@uv.es