

ORIGINAL ARTICLE

Sustainable practices as actions to promote adolescent health

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Manuscript received: April 2021

Manuscript accepted: June 2021

Version of record online: Julho 2021

Abstract

Introduction: Adolescence is characterized as a period of socio-historical construction, with manifestations strongly influenced by the socio-economic, political, and cultural factors of the environment where the adolescent lives. Thus, emphasis on the elaboration and construction of policies that direct to health-promoting practices.

Objective: To analyze the sustainable practices used to strengthen health-promoting actions for adolescents in line with the Sustainable Development Goal 3.

Methods: Integrative review, carried out in the period of January 2020. The crossing was carried out on the CAPES Journals Portal, using the health descriptors: Sustainable Development, Health Care, Adolescent, Sustainable Development Indicators, in the databases MEDLINE, LILACS, Web of Science, Scielo. He listed as inclusion criteria: complete works, available and in Portuguese, English, and Spanish. Exclusion criteria: articles that do not provide abstracts, editorials, theoretical reflections, duplicate studies, experience reports, reviews, monographs, and abstracts in the annals of events. All crossings were performed in a foreign language, English, using the Boolean operator AND. The final sample consisted of 12 articles.

Results: It points to the implementation of sustainable practices to the adolescent public that can break with punctual and fragmented health care, emphasizing the expansion of practices aimed at access to health services that can actually meet their real health needs, income generation programs, and adoption of healthy eating, equity in health services and health education. It shows that the implementation of sustainable practices presents itself as a tool to achieve health promotion and as a paradigm shift in adolescent health care.

Conclusion: There was a need for health policies and actions for adolescents that can contribute to the development of health care aimed at health promotion. Thus, it evidences the need for disruption of specific health practices focusing only on the disease, making it a challenge to develop sustainable practices for adolescents regarding changes in actions in a health-promoting perspective.

Keywords: adolescents, sustainable development, health promotion. ODS3.

Suggested citation: Alves SAA, Bezerra IMP, Albuquerque GA, Cavalcante EGR, Eleodora J, Lopes MSV.

Sustainable practices as actions to promote adolescent health. *J Hum Growth Dev.* 2021; 31(2):346-357.

DOI: 10.36311/jhgd.v31.10580

Authors summary

Why was this study done?

The study was carried out in order to analyze the sustainable practices used to strengthen health-promoting actions for adolescents aligned with the SDG 3, given that there are gaps in the assistance provided to adolescents' health according to the assumptions of health promotion.

What did the researchers do and find?

The researchers conducted an integrative review using the following databases MEDLINE, LILACS, Web of Science, Scielo in order to analyze what sustainable practices are being carried out to strengthen health-promoting actions for adolescents aligned with SDG 3, being the final sample composed of 12 articles. Points out that among the main sustainable practices are: access to health services, mental, and sexual and reproductive health policies, income generation program, implementation of public health policies, a program aimed at adopting healthy eating, equity in services health and health education.

What do these findings mean?

It was revealed that even though there are such sustainable practices that enable the development of health-promoting actions for the adolescent public, he observes that the implementation of these practices is limited to biomedical assistance. The implementation of sustainable practices to the adolescent public must value their choices in order to make them subjects with affirmations of autonomy, powerful to develop actions and postures to produce models of being healthy.

INTRODUCTION

Adolescence is understood as a period characterized by changes of a biological, psychological, and socio-behavioral nature, that the act of making decisions by causing repercussions in the course of their lives, generating specific needs regarding the care related to their health-disease process¹.

However, it understands the need to implement health policies aimed at adolescents that may indicate changes in paradigms related to the health-disease process. So that the process of reorienting the health care model provided to this population can take place through a more comprehensive and holistic approach².

The fragmented view of health services for adolescents leads to restricted and specific health actions, with a focus on curative care. The understanding of the health needs of this group tends to consider not only the social determinants of health but how these intervene in the health condition, making it possible to reorient practices consistent with the assumptions of health promotion³.

In this context, a study points out that the creation of policies for adolescent health care must start from the assumptions that the social determinants of health directly affect the reach of health-promoting practices. They are emerging the need for the recognition of social, political, ethnic, racial, economic, and gender aspects that strongly determine the distribution of resources, access, and opportunity regarding the health conditions of the adolescent group⁴.

In order to promote measures that seek to reduce the inequities existing among population groups in 2015, the United Nations (UN) presents the 17 Sustainable Development Goals (SDGs) as ways to achieve dignity in the next 15 years, by means of goals that seek to reinforce the multilateral commitment to the eradication of a set of social problems that still afflict humanity⁵⁻⁶.

The implementation of SDG targets represents an opportunity to promote health, at all ages, among these most vulnerable groups in terms of their health condition, such as adolescents, through the recognition of health as a key element for human development, with vast and multidimensional social determinants of the group in conditions vulnerable to health⁷.

In this direction, the development of sustainable practices in line with SDG 3 for the adolescent group represents an opportunity for the creation and improvement of public policies, programs, and government actions that expand the rights of adolescents at all levels of government, making them become autonomous regarding the recognition and development of sustainable practices⁸⁻⁹.

Since the development of sustainable practices has impacts on health and that adolescents can be multipliers of information and health-promoting actions, the study aimed to analyze sustainable practices used to strengthen health-promoting actions for adolescents aligned with the Sustainable Development Goal 3.

METHODS

It is an integrative review, with the definition of the theme and formulation of the objectives and the guiding question; literature search and establishment of criteria for inclusion and exclusion of studies; categorization of studies; evaluation of studies; interpretation of results and presentation of the review/synthesis of knowledge¹⁰.

For the formulation of the research question, the PVO strategy was used (P - population, context and/or problem situation; V - variables; O - outcome). Thus, the following structure was considered: P - adolescents; V - sustainable practices; O - health-promoting actions. Thus, the following guiding question was elaborated: What sustainable practices have been used to strengthen health-promoting actions for adolescents in line with the SDG 3?

The search strategy stage was carried out through the CAPES journals portal (Coordination for the Improvement of Higher Education Personnel), in the databases of the Online Medical Literature Search and Analysis System (MEDLINE), Latin American Literature and Caribbean in Health Sciences LILACS), Web of Science, and the Scielo library.

To arrive at publications on this theme, we sought to select studies using the health descriptors (DeCs): "Sustainable Development", "Health Care", "Adolescent", and "Sustainable Development Indicators". Crossings of search terms with descriptors were used, with the following search strategies: Sustainable Development

AND Health Care AND Adolescent and Sustainable Development AND Sustainable Development Indicators AND Adolescent. All crossings were performed in a foreign language, English, using the Boolean operator AND.

The search for the studies was carried out in January 2020. Inclusion criteria were: complete works, available and in Portuguese, English, and Spanish. Exclusion criteria: articles that do not provide abstracts, editorials, theoretical reflections, duplicate studies, experience reports, reviews, monographs, and abstracts in the annals of events.

With the intention of reducing probable systematic errors or bias in the measurement of studies due to mistakes in the interpretation of results and in the design of the studies, the research was carried out by two reviewers simultaneously and independently in order to guarantee methodological rigor and reliability of results.

The crossing in the CAPES Journal Portal resulted in 471 items. Afterward, we individually read the titles

and abstracts of the studies found. There were 81 articles left to read the entire material. Of these, 06 not available online (free), 08 did not meet the inclusion criteria, of which 30 met the inclusion criteria. The 30 studies were saved in a folder, using a code (ex: A01, A being an article, and 01, order number).

The second stage of the selection corresponded to the fluctuating reading of the 30 complete documents, of which 06 duplicate articles were found, 08 articles did not respond to the study's questioning. Thus, the final corpus constituted a sample of 12 articles; figure 1 shows the flowchart of the article selection process.

Table 1 presents a code, where each article received a number (A1 to A12), authors and year, objective, method, conclusion, and novelty of the study. The thorough analysis of the articles in full also made it possible to recognize how the articles address the development of sustainable practices aimed at promoting health to the adolescent public, and the practices and code of the articles are presented in table 2.

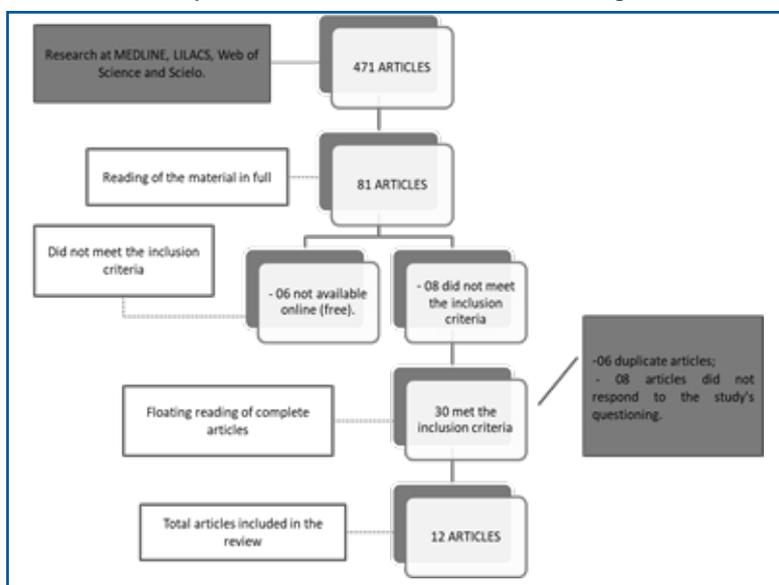


Figure 1: Representative flowchart of the selection of studies analyzed in this research. Crato, Ceará, Brazil, 2019.

RESULTS

To present the results of the articles found, which passed through the inclusion and exclusion criteria, based on the theme “sustainable practices aimed at promoting health to adolescents”, were presented in tables (table 1, table 2). Table 1 presents publication characteristics (code, authors and year, title, objective, method, conclusion, and novelty of the study).

In the analyzed articles, there is a predominance of international publications with sustainable practices for the promotion of adolescent health. In relation to the only national publication (1%), the study presents the development of educational actions in environmental health with adolescent students as a tool for the implementation of sustainable practices aimed at health promotion. They were proving the lack of national studies that address the issue in question. The analyzed articles were published between the years 2008 and 2019, with the year 2019 predominating, corresponding to 50%. The

study did not use a time frame, despite the implementation of the Sustainable Development Goals (SDGs) in 2015. Since, before the SDGs, the Millennium Development Goals (MDGs) contemplated environmental issues.

Regarding the design of the studies, there are several: one (8.33%) ecological study, one (8.33%) longitudinal studies, two (16.66%) cross-sectional studies, four (33.33%) qualitative articles with use interviews, action research, and intervention and four (33.33%) derived from quantitative studies.

Regarding the sustainable practices developed for the adolescent public, aimed at promoting health actions (table 2), the studies show the need for universal health coverage¹¹⁻¹⁶ capable of developing strategies that meet the real health needs of adolescents. These strategies point to a set of interventions aimed at mental health¹², sexual and reproductive health^{13-14,17} that can address sustainable practices guided by the principles of equity, responsibility, quality, and multi sectionality, in line with the goals of the SDG 3.

Equity in health services¹⁸ identified as a sustainable practice seeks to break down barriers to access multisectoral policies and programs regarding sustainability. The development of public health policies¹⁹ expresses the need to raise awareness among adolescents about behavioral changes and healthy lifestyles, with the disruption of curative health practices. In terms of income generation programs²⁰, it relates to the development of practices that allow adolescents access to education, income, and health through policies that can reduce the social inequities faced by this population.

The implementation of healthy eating programs for adolescents allows changes that go beyond the adoption of healthy habits raises consumption policies, and purchases of healthy foods²¹. The realization of health education²² is presented as a sustainable practice capable of empowering adolescents in decision-making in relation to greater participation in their health-disease process, thus minimizing health risks and promoting health-promoting practices.

Table 1: Characteristics of the selected studies, related to code, authors and year, objective, method, conclusion, and novelty of the study. Crato, Ceará, Brazil, 2019.

N°	Author/year	Objective	Method	Conclusion	Study novelty
A1	Lee Y, Kim SY (2019) ¹¹	To describe the public health law situation in the Western Pacific region and analyze the association of public health law coverage with health-related SDG statistics.	Ecological study.	The study proved the importance of public health legislation in supporting the achievement of health-related SDGs. In order to be used as a basis for better health systems legislation, consequently reaching health-related SDGs.	The development of health policies associated with the goals of SDG 3 allows for equitable and universal health care.
A2	Baltag V, Servili C (2016) ¹²	To describe the policy response at four levels: multisectoral policies and interventions, political health systems and interventions, evidence-based clinical interventions and actions to monitor progress.	Qualitative research, using interventions.	It points out that adolescents' mental health is inadequate for national health policies. It highlights the effectiveness of policies and interventions associated with SDG 3 as a form of health-promoting practices.	Implementation of mental health care in line with SDG 3 allows offering intertwined care in a multifactorial approach.
A3	He C, Mikkelsen, BE (2014)	To examine the possible influence that organic food supply policies on Danish school lunch systems may have on the development of healthier school feeding environments.	Cross-sectional study, with the application of a questionnaire.	It concludes that organic food policies in the school environment enhance the development of healthy eating habits.	Schools that use organic food have indicators of healthy schoolchildren.

Continuation - Table 1: Characteristics of the selected studies, related to code, authors and year, objective, method, conclusion, and novelty of the study. Crato, Ceará, Brazil, 2019.

N°	Author/year	Objective	Method	Conclusion	Study novelty
A4	Avery L, Lazdane G (2008) ¹³	To analyze the current status of SRH for adolescents in Europe.	Quantitative research in databases and questionnaires.	It is concluded that despite the existence of policies aimed at the adolescent's sexual reproductive health, the study points out that this population remains vulnerable in terms of health care that can meet their real health needs.	Health and sexual reproduction programs and strategy is fundamental to the development of a sustainable society.
A5	Engel DMC, Paul M, Chalasani S (2019) ¹⁴	To analyze the relevance of the comprehensive definition of sexual and reproductive health and rights (SRHR) for adolescents and identifies adolescent-specific implications for the implementation of an essential SRHR intervention package.	Cross-sectional study.	The study highlights health care through a package of interventions for sexual and reproductive health and rights (SRHR), through the principles of equity, quality, responsibility, multisectoriality and participatory involvement.	The implementation of a package of interventions for sexual and reproductive health and rights (SRHR) for adolescents guarantees an approach that considers them biologically and socially according to their uniqueness.
A6	Garcia-Vazquez J, Domech, LQ, Nascimento M, Agullo-Tomas E (2019) ¹⁷	To learn more about the sexual health status of teenagers in Spain and Asturias and how it has evolved over time.	Quantitative research.	They point to the rates of sexually transmitted infections and abortion as the main indicators for unsafe behavior in sexual practices. It highlights the need for universal coverage that defends and ensures the sexual rights of adolescents, through effective strategies, such as health education.	Prevention and health promotion measures become strategies to reduce inequities in health services.

Continuation - Table 1: Characteristics of the selected studies, related to code, authors and year, objective, method, conclusion, and novelty of the study. Crato, Ceará, Brazil, 2019.

N°	Author/year	Objective	Method	Conclusion	Study novelty
A7	Guha I, Maliye CH, Gupta SS, Garg BS (2019) ¹⁹	To track quantitative data on KP's effectiveness in improving life skills education among adolescent girls who are KP members compared to non-KP girls.	Quantitative research.	The study concludes that the education of life skills by a community-based adolescent for a health action model like KP is considered adequate and effective for rural adolescent girls, in order to empower them and increase their knowledge and perception of skills for the life.	The Adolescent Model for Health Action allows the development of health policies aimed at health promotion.
A8	Cluver LD, Orkin FM, Campeau L (2019) ¹⁵	To test the approach proposed by the United Nations Program for accelerators of development - provisions that lead to progress in several SDGs - and synergies between accelerators in the achievement of goals aligned with the SDGs in a highly vulnerable group of adolescents in South Africa.	Longitudinal study	A challenge to the implementation of the SDGs is concluded. However, it highlights the SDGs as an opportunity to improve health outcomes. The identification of development accelerators contributes to several sustainable development goals and targets.	The study presents a new solution to the global development challenge. Shows that, for a highly vulnerable group of adolescents living with HIV in South Africa, development accelerators have positive associations between the goals of several SDGs that include and go beyond health.
A9	Beserra EP, Alves MDS (2012) ²²	To describe and analyze the meanings attributed by a group of adolescents to environmental health	Qualitative, descriptive research, used action research.	It verifies the nurse as an environmental educator, in order to allow reflections and critical thinking regarding the relation of the health and environment conception.	The insertion of nurses in the school context, through health education practices with regard to environmental health.

Continuation - Table 1: Characteristics of the selected studies, related to code, authors and year, objective, method, conclusion, and novelty of the study. Crato, Ceará, Brazil, 2019.

N°	Author/year	Objective	Method	Conclusion	Study novelty
A10	Durham J, Fa'avale N, Fa'avale A, Ziesman C, Malama E Tafa S, Taito T, Etuale J, Yaranamua M, Utai U, Schubert L (2019) ¹⁸	To develop an understanding of the determinants of these disparities, through the lens of social determinants of health, to create indicators of health equity.	Qualitative research, used an interview as an instrument for data collection.	It emphasizes the need to understand the multiplicity of factors based on location that interact in complex ways to shape health inequities for young Pasifika. It concludes that health equity indicators should focus beyond health equipment, thus offering assistance with a holistic focus.	It demonstrates how the health inequalities experienced by the populations of Pasifika are produced and are strongly linked to the location, as well as to the economic, social and cultural position.
A11	Kogstad RE, Agdal R, Hopfenbeck MS (2014) ²⁰	To investigate the effects of green care services for young people in vulnerable situations, at risk of social exclusion.	Qualitative research, used for data collection an interview.	Social exclusion among young people is a relevant political concern, as are fragmented services, with their lack of predictability and the unstable financial situation in the countryside. Emphasizes that ecological services can be an important strategy for well-being and health.	The Green Care company is a tool that allows the inclusion of vulnerable populations to have quality of life.
A12	Kruk Margaret E, Gage Anna D, Joseph Naima T, Danaei Goodarz, García-Saisó Sebastián, Salomon Joshua A (2018) ¹⁶	To calculate excess mortality for the conditions envisaged in the Sustainable Development Goals (SDGs) that are amenable to health care	Quantitative research	Universal health service coverage is presented as a strategy to improve health in low-developed countries. Stresses that access to health services is not only related to the quality of care offered, but also to the economic development of a society.	It reveals the number of deaths eligible for health care in LMICs, being the first to estimate the proportion of these deaths due to poor quality of care versus non-use of care.

Source: research data

Table 2: Main sustainable practices found in studies used to strengthen health-promoting actions for adolescents. Crato, Ceará, Brazil, 2019.

Sustainable health promotion practices	Studies
- Universal health coverage	A1, A2, A4, A5, A8, A12
- Mental health policies	A2
- Sexual and reproductive health policy	A4, A5, A6
- Income generation program	A11
- Healthy eating program	A3
- Public Health Policies	A7
- Health education	A9
- Equity in Health Services	A10

Source: research data

DISCUSSION

In general, sustainable practices aimed at adolescents must identify and recognize the social determinants of health as a factor that interferes with the health-disease process. However, there is a need for policies and actions aimed at adolescents that can actually meet their health needs. Starting from a collective dimension, which can understand how the social representation of this group can interfere in the execution of health-promoting actions^{23,24}.

The process of building these policies should directly affect the identification of social determinants of health, which resigns to reduce social, political, ethnic, and racial disparities that substantially interfere in the distribution of access to opportunities and, consequently, to health services^{4,19}.

In this perspective, the elaboration of public health policies directed at the adolescent population must be guided towards achieving the goals of SDG 3, considering adolescence as a window of opportunities for the development of sustainable practices that can promote behavioral changes in relation to their health^{25,26}.

In this perspective, health becomes an indicator of the progress of nations in reaching sustainable development²⁷; however promoting health at all ages inserts benefits that extend across generations. Thus, SDG 3 brings the recognition of being a key element for human development, with vast and multidimensional social determinants for groups in conditions vulnerable to health⁷.

The SDGs are pointed out as a possibility to make the principle of indivisibility of human rights a reality when they demand the practical realization of economic, social, and cultural rights, even in realities so different from countries considered developed and developing. Thus, by setting goals and deadlines for achieving them, the SDGs can represent yet another impulse for the realization of human rights and an attempt to break the stance of the indefinite postponement of universalizing the benefits of the right to development for all⁶.

Highlight for comprehensive care on the part of health policies to the adolescent public, as they will constitute the future productive and economically active population in the country. Public policies in adolescence must surely be achieved in view of the fact that positive or negative impacts on this portion of the population will

have consequences in the future for a long period of time²⁸.

However, the need for equitable health care is revealed, which can offer care according to the diversity of health needs of these adolescents. Thus, ensuring health practices that go beyond a biological approach, in this light including the need to understand the social context in which these subjects are inserted^{18,29}.

Among the main barriers related to the adolescent's access to health services, this is the difficulty of the group to find care, in the quality of care offered, in the distance from the health service, in addition to the lack of service provision, which is restricted to care. Focused only on the following themes: sexuality, teenage pregnancies, and physical changes. However, it is necessary to break with this curative view, implying the need to recognize inequalities and barriers regarding access to health services^{18,26,29,30}.

The need to identify the social determinants of health allows us to examine the relationship that these conditions have with regard to interference with the achievement of the goals of the SDG health to adolescents. They are highlighting greater synergies between health and other sectors, capable of providing the execution and implementation of policies aimed at other sectors to achieve these goals, namely: education, income generation, and programs aimed at healthy eating^{20,21,31}.

The socioeconomic inequities faced by adolescents, inequalities that bring together the social determinants of health, and the models of social stratification, include non-access to work and income substantially interferes in spheres that impede access to health services, affecting the quality of life of this (a) teenager. Thus, social stratification places this group in a position of vulnerability, promoting barriers with regard to facing challenges related to health and sustainable development^{5,32}.

The elaboration and construction of public health promotion policies for the adolescent public must seek to ensure positive impacts on their health condition since this population must be seen as a window of opportunities for being healthy and productive in adulthood²⁵.

The highlight for health education practices as a strategy that promotes sustainability and should be focused on interventions focused not only on the disease but on actions that can promote the development of an autonomous and critical adolescent in relation to their

health condition. Demanding the need for health policy articulations, at all levels and with other sectors, such as the school environment⁴.

The school environment is understood as a facilitating space for the development and strengthening of sustainable practices, characterized by the integration between health and education, through joint actions between health sectors, schools, and society. In this light, the school should be recognized as a privileged setting for implementing health promotion strategies that can provide adolescents with individual and social skills to deal with aspects related to the health-disease process^{22,26,33,34}.

Health education for adolescents in schools represents a strategy for reorganizing health practices, allowing exchanges of experiences and reflections, in order to build health knowledge and habits and health-promoting practices. Promoting active subjects in the care process and with social expression and representativeness^{35,36}.

It is pointed out that such practices must be understood from the perspective of health promotion, providing actions with a broader perspective regarding the identification and recognition of the social determinants of health as a factor that directly affects the health-disease process. He observed that among the main sustainable practices, emphasis on access to health services, mental and sexual and reproductive health policies, income generation program, implementation of public health policies, the program aimed at adopting healthy eating, equity in health services, and health education. However, for such practices to be achieved, the need for multisectoral actions and policies emerges so that it can promote quality of life for the adolescent public.

Thus, the development of sustainable practices seeks to break specific and fragmented actions regarding adolescent health, emerging the implementation of health policies that can break with predominant hegemonic health models in relation to adolescent health care.

Among the advances in knowledge, it is evident that it is necessary to make progress regarding the development of health-promoting practices aimed at the adolescent public, in a perspective of understanding the plurality of elements related to the health-disease process. In addition, the study reveals that sustainable practices aligned with SDG 3 increase adolescent's ability to act to improve their quality of life and health. As a perspective

in the field of public health, it points to the reorientation of health care as a health-promoting practice, which must respond to the social health needs of adolescents.

CONCLUSION

From the results found in the study, it can be concluded that the main sustainable practices aimed at adolescents were access to health services, mental, sexual, and reproductive health policies, income generation program, implementation of health policies, programs for the adoption of healthy food, equity in services and health education. The implementation of sustainable practices influences the achievement of health quality in order to offer equitable assistance with social transformation. However, it highlights a challenge, given the predominance of characteristics of curative practices in the current health model, without considering the determinants and conditions that the health-disease process is associated with, thus favoring the development of risk behaviors by adolescents.

Author Contributions

Sabrina Alaide Amorim Alves - conception and design of the study, analysis and interpretation of data, writing of the article. Italla Maria Pinheiro Bezerra - orientation, research supervision, critical review, and approval of the final version of the manuscript. Grayce Alencar Albuquerque - critical review of the article. Edilma Gomes Rocha Cavalcante - critical review of the article. Maria do Socorro Vieira Lopes - orientation, research supervision, critical review, and approval of the final version of the manuscript.

Funding

The study did not have funding.

Acknowledgments

To CAPES (Coordenação de Aperfeiçoamento de Pessoal de Nível Superior/Coordination for the Improvement of Higher Education Personnel) for granting a scholarship to Sabrina Alaide Amorim Alves.

Conflicts of Interest

We declare that there are no conflicts of interest.

REFERENCES

1. Aquino J, Miranda P, Luz A, Moleiro P. Journal of Child and Adolescent Psychology Revista de Psicologia da Criança e do Adolescente [Internet]. Vol. 6, Revista de Psicologia da Criança e do Adolescente. Lisboa; 2016 Mar [cited 2021 May 20]. Available from: <http://revistas.lis.ulusiada.pt/index.php/rpca/article/view/2276>
2. Vinagre M da G, Barros L. Adolescents' preferences regarding health care. *Ciencia e Saude Coletiva* [Internet]. 2019 May 1 [cited 2021 May 20];24(5):1627–36. Available from: <http://orcid.org/0000-0002-9610-9806>
3. Anhas D de M, Castro-Silva CR de. Sentidos atribuídos por adolescentes e jovens à saúde: Desafios da saúde da família em uma comunidade vulnerável de Cubatão, São Paulo, Brasil. *Saude e Sociedade* [Internet]. 2017 [cited 2021 May 20];26(2):484–95. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0104-12902017000200484&lng=en&nrm=iso&tlng=pt

4. Schaefer R, Barbiani R, Nora CRD, Viegas K, Leal SMC, Lora PS, et al. Adolescent and youth health policies in the Portuguese-Brazilian context: Specificities and approximations. *Ciencia e Saude Coletiva* [Internet]. 2018 Sep 1 [cited 2021 May 20];23(9):2849–58. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1413-81232018000902849&lng=en&nrm=iso&tlng=pt
5. Objetivos de Desenvolvimento Sustentável | As Nações Unidas no Brasil [Internet]. [cited 2021 May 20]. Available from: <https://brasil.un.org/pt-br/sdgs>
6. Tirrell JM, Gansert PK, Dowling EM, Geldhof GJ, Lerner J V., King PE, et al. Illuminating the Use of the Specificity Principle to Go Inside the Black Box of Programs: The Sample Case of an El Salvador Positive Youth Development Program. *Zeitschrift fur Psychologie / Journal of Psychology* [Internet]. 2019 [cited 2021 May 20];227(2):121–8. Available from: [/record/2019-33831-005](http://www.psychology.com/record/2019-33831-005)
7. Djonú P, Rabelo LS, Lima PVPS, Souto MVS, Sabadia JAB, Junior PRGS. Objectives of sustainable development and conditions of health risk areas. *Ambiente e Sociedade* [Internet]. 2018 [cited 2021 May 20]; 21: 9110. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1414-753X2018000100406&lng=en&nrm=iso&tlng=pt
8. Roma JC. Os objetivos de desenvolvimento do milênio e sua transição para os objetivos de desenvolvimento sustentável. *Ciência e Cultura* [Internet]. 2019 Jan [cited 2021 May 20];71(1):33–9. Available from: <http://www.secretariadegoverno.gov.br/snas-documentos/relatorio->
9. Malta DC. Children and adolescents, austerity policies and the commitments of the 2030 agenda [Internet]. Vol. 24, *Ciencia e Saude Coletiva*. Associacao Brasileira de Pos - Graduaao em Saude Coletiva; 2019 [cited 2021 May 20]. p. 349. Available from: <https://gtagenda2030.org.br/>
10. Mendes KDS, Silveira RC de CP, Galvão CM. Revisão integrativa: método de pesquisa para a incorporação de evidências na saúde e na enfermagem. *Texto & Contexto - Enfermagem* [Internet]. 2008 Dec [cited 2021 May 20];17(4):758–64. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0104-07072008000400018&lng=en&nrm=iso&tlng=pt
11. Lee Y, Kim SY. Public health law coverage in support of the health-related sustainable development goals (SDGs) among 33 Western Pacific countries. *Globalization and Health* [Internet]. 2019 Apr 11 [cited 2021 May 20];15(1):1–12. Available from: <https://doi.org/10.1186/s12992-019-0472-z>
12. Baltag V, Servili C. Chiara Servili is Technical Officer at the Department of Mental Health and Substance Abuse. World Health Organization.
13. Avery L, Lazdane G. What do we know about sexual and reproductive health of adolescents in Europe? *European Journal of Contraception and Reproductive Health Care* [Internet]. 2008 [cited 2021 May 20];13(1):58–70. Available from: <https://pubmed.ncbi.nlm.nih.gov/17886157/>
14. Tin KN. Training course in adolescent sexual and reproductive health 2020 Priorities to build on the progress made for the next 25 years, with a particular focus on the SDGs.
15. Kruk ME, Gage AD, Joseph NT, Danaei G, García-Saisó S, Salomon JA. Mortality due to low-quality health systems in the universal health coverage era: a systematic analysis of amenable deaths in 137 countries. *The Lancet* [Internet]. 2018 Nov 17 [cited 2021 May 20];392(10160):2203–12. Available from: <https://pubmed.ncbi.nlm.nih.gov/30195398/>
16. Cluver LD, Orkin FM, Campeau L, Toska E, Webb D, Carlqvist A, et al. Improving lives by accelerating progress towards the UN Sustainable Development Goals for adolescents living with HIV: a prospective cohort study. *The Lancet Child and Adolescent Health* [Internet]. 2019 Apr 1 [cited 2021 May 20];3(4):245–54. Available from: www.thelancet.com/child-adolescent
17. Durham J, Fa'Avale N, Fa'Avale A, Ziesman C, Malama E, Tafa S, et al. The impact and importance of place on health for young people of Pasifika descent in Queensland, Australia: A qualitative study towards developing meaningful health equity indicators. *International Journal for Equity in Health* [Internet]. 2019 Jun 3 [cited 2021 May 20];18(1). Available from: [/pmc/articles/PMC6547525/](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC6547525/)
18. Oringanje C, Meremikwu MM, Eko H, Esu E, Meremikwu A, Ehiri JE. Interventions for preventing unintended pregnancies among adolescents. Vol. 2016, *Cochrane Database of Systematic Reviews*. John Wiley and Sons Ltd; 2016.
19. Kogstad RE, Agdal R, Hopfenbeck MS. Narratives of natural recovery: Youth experience of social inclusion through Green Care. *International Journal of Environmental Research and Public Health* [Internet]. 2014 Jun 6 [cited 2021 May 20];11(6):6052–68. Available from: <https://pubmed.ncbi.nlm.nih.gov/24914641/>
20. Guha I, Maliye C, Gupta S, Garg B. Qualitative assessment of life skill development of adolescent girls through Kishori Panchayat: An adolescents for health action model in selected villages of rural Central India. *Indian Journal of Community Medicine* [Internet]. 2019 Jul 1 [cited 2021 May 20];44(3):265–70. Available from: <https://www.ijcm.org.in/article.asp?issn=0970-0218;year=2019;volume=44;issue=3;spage=265;epage=270;aulast=Guha>

21. Beserra EP, Alves MDS. Enfermagem e saúde ambiental na escola. *ACTA Paulista de Enfermagem* [Internet]. 2012 [cited 2021 May 20];25(5):666–72. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0103-21002012000500004&lng=en&nrm=iso&tlng=pt
22. He C, Mikkelsen BE. The association between organic school food policy and school food environment: Results from an observational study in Danish schools [Internet]. Vol. 134, *Perspectives in Public Health*. SAGE Publications Ltd; 2014 [cited 2021 May 20]. p. 110–6. Available from: <https://pubmed.ncbi.nlm.nih.gov/24458368/>
23. Anéas T de V, Ayres JRC de M. Meanings and senses of healthcare practices: Fundamental ontology and the reconstruction of healthcare. *Interface: Communication, Health, Education* [Internet]. 2011 [cited 2021 May 20];15(38):651–62. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1414-32832011000300003&lng=en&nrm=iso&tlng=pt
24. Cluver LD, Orkin FM, Meinck F, Boyes ME, Yakubovich AR, Sherr L. Can social protection improve sustainable development goals for adolescent health? *PLoS ONE* [Internet]. 2016 Oct 1 [cited 2021 May 20]; 11(10): e0164808. Available from: www.heard.org.za
25. Anny Giselly Milhome da Costa Farre I, II, Patrícia Neyva da Costa Pinheiro II, Neiva Francenely Cunha Vieira II, Fabiane do Amaral Gubert II, Maria Dalva dos Santos Alves II, Estela Maria Leite Meirelles Monteiro III. [cited 2021 May 20]; Available from: <http://dx.doi.org/10.1590/0103-311X00046815>
26. Machado M de FAS, Gubert F do A, Meyer APGFV, Sampaio YPCC, Dias MS de A, de Almeida AMB, et al. The Health School Programme: A health promotion strategy in primary care in Brazil. *Journal of Human Growth and Development* [Internet]. 2015 Oct 25 [cited 2021 May 20];25(3):307–12. Available from: <https://www.revistas.usp.br/jhgd/article/view/96709>
27. Fairall L, Bateman E. Health workers are vital to sustainable development goals and universal health coverage [Internet]. Vol. 356, *BMJ (Online)*. BMJ Publishing Group; 2017 [cited 2021 May 20]. Available from: <https://pubmed.ncbi.nlm.nih.gov/28336769/>
28. Zoé É, Furtado L, Rejane K, Gomes O, Granado S, Da N, et al. Acesso à assistência ao parto de adolescentes e jovens na região Nordeste do Brasil. 2015 [cited 2021 May 20]; Available from: <http://www.rsp.fsp.usp.br/>
29. Banati P, Oyugi J. Longitudinal Research for Sustainable Development: Toward a Policy-Driven Agenda. *Zeitschrift fur Psychologie / Journal of Psychology* [Internet]. 2019 [cited 2021 May 20];227(2):149–53. Available from: [/record/2019-33831-010](http://record/2019-33831-010)
30. Buss PM, Chamas C, Faid M, Morel C. Desenvolvimento, saúde e política internacional: A dimensão da pesquisa & inovação. *Cadernos de Saude Publica* [Internet]. 2016 [cited 2021 May 20]; 32: 46815. Available from: <http://dx.doi.org/10.1590/0103-311X00046815>
31. Martins LP, Bittencourt JM, Bendo CB, Vale MP, Paiva SM. Malocclusion and social vulnerability: A representative study with adolescents from Belo Horizonte, Brazil. *Ciencia e Saude Coletiva* [Internet]. 2019 [cited 2021 May 20];24(2):393–400. Available from: http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1413-81232019000200393&lng=en&nrm=iso&tlng=pt
32. De Souza LB, Panúncio-Pinto MP, Fiorati RC. Children and adolescents in social vulnerability: Well-being, mental health and participation in education. *Brazilian Journal of Occupational Therapy* [Internet]. 2019 [cited 2021 May 20];27(2):251–69. Available from: <https://doi.org/10.4322/2526-8910.ctoAO1812>
33. Brasil EGM, da Silva RM, da Silva MRF, Rodrigues DP, Queiroz MVO. Adolescent health promotion and the School Health Program: Complexity in the articulation of health and education. *Revista da Escola de Enfermagem* [Internet]. 2017 [cited 2021 May 20];51. Available from: <http://dx.doi.org/10.1590/S1980-220X2016039303276>
34. Diniz CBC, Feitosa AA, Coutinho BLM, Gomes SC, Sant’anna AL, de Araújo AF, et al. Adolescent nutrition monitoring the Health Program in School. *Journal of Human Growth and Development* [Internet]. 2020 Mar 26 [cited 2021 May 20];30(1):32–9. Available from: <https://revistas.marilia.unesp.br/index.php/jhgd/article/view/9961>
35. dos Santos SB, Machado AP de A, Sampaio LA, de Abreu LC, Bezerra IMP. Acquired Syphilis: Construction and validation of educational technology for adolescents. *Journal of Human Growth and Development* [Internet]. 2019 May 1 [cited 2021 May 20];29(1):65–74. Available from: <http://dx.doi.org/10.7322/jhgd.157752>
36. de Oliveira Togneri Pastro D, Farias BP, Garcia OAG, da Silva Gambichler B, de Oliveira Meneguetti DU, da Silva R do SU. Prenatal quality and clinical conditions of newborns exposed to syphilis. *Journal of Human Growth and Development* [Internet]. 2019 Nov 5 [cited 2021 May 20];29(2):249–56. Available from: <https://revistas.marilia.unesp.br/index.php/jhgd/article/view/9429>

Resumo

Introdução: A adolescência é caracterizada como um período de construção sócio-histórica, com manifestações fortemente influenciadas pelos fatores socioeconômicos, políticos e culturais do meio onde o adolescente vive. Desta forma, destaque para elaboração e construção de políticas que direcionem para práticas promotoras de saúde.

Objetivo: Analisar as práticas sustentáveis utilizadas para fortalecer ações promotoras de saúde para adolescentes alinhadas ao Objetivo do Desenvolvimento Sustentável 3.

Método: Revisão integrativa, realizada no período de janeiro de 2020. O cruzamento foi realizado no Portal de Periódicos da CAPES, com uso dos descritores em saúde: Sustainable Development, Health Care, Adolescent, Sustainable Development Indicators, nas bases de dados MEDLINE, LILASC, Web of Science, Scielo. Elencou como critérios inclusão: trabalhos completos, disponíveis e nos idiomas português, inglês e espanhol. Como critérios de exclusão: artigos que não disponibilizarem resumos, editoriais, reflexões teóricas, estudos duplicados, relatos de experiência, resenhas, monografias e resumos em anais de eventos. Todos os cruzamentos foram realizados em língua estrangeira, idioma inglês, com o uso do operador booleano AND. A amostra final foi composta por final de 12 artigos.

Resultados: Aponta a implementação práticas sustentáveis ao público adolescente que possa romper com uma assistência em saúde pontual e fragmentada, ressaltando a ampliação de práticas voltadas para o acesso aos serviços de saúde que possa de fato atender as suas reais necessidades de saúde, programas de geração de renda, e adoção de alimentação saudável, equidade nos serviços de saúde e educação em saúde. Evidencia que a implementação de práticas sustentáveis se apresenta como uma ferramenta para se alcançar a promoção da saúde e como uma mudança de paradigma na assistência a saúde do adolescente.

Conclusão: Verificou a necessidade de políticas e ações em saúde para o adolescente que possa contribuir para o desenvolvimento de uma assistência em saúde voltadas para a promoção em saúde. Assim, evidencia a necessidade de ruptura de práticas de saúde pontuais com foco apenas na doença, tornando um desafio o desenvolvimento de práticas sustentáveis ao adolescente quanto a mudanças de ações em uma perspectiva promotora de saúde.

Palavras-chave: adolescente, desenvolvimento sustentável, promoção da Saúde, ODS3.

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