

Analysis Determinants of Unwanted Pregnancy in Adolescents : Literature Review

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ABSTRACT

Background: Pregnancy in teenagers beginning from pregnancy no desired, *is one phenomenon recent social. This the more increase occurs in the environment public* give rise to its height possible abortion triggering an increase in the MMR

Evidence search strategy: this research is a literature review research using the ScienceDirect, PUBMED, BMC, and Google Scholar databases with keywords _ "unwanted pregnancy", "unintended pregnancies in teenagers", and "analysis of unwanted pregnancy".

Discussion : Total articles obtained of 20,437 articles, 13 articles were found that met the requirements criteria inclusion with year publications 2020 to 2023, in the form of original articles, articles available in full text form and free access. Causative factor happen non pregnancy desired by teenagers that is exists internal factors and factors external. Impact non pregnancy desired by teenagers that is impact physical, impact economics, and impact environment. Prevention non pregnancy desired by teenagers that is empowerment teenager women, repair gender inequality, respect right basic humans, and reduce poverty.

Conclusion: Unwanted pregnancy has a higher risk of occurring in adolescents with the determinants of the role of parents, the role of friends, level of religiosity, access to pornographic media, knowledge, attitudes and sexual behavior.

Keywords:

Unwanted Pregnancy, Adolescents, Determinants of Unwanted Pregnancy

1. INTRODUCTION

Pregnancy in teenagers become beginning from pregnancy no desired, is one phenomenon recent social This the more increase occurs in the environment public. Pregnancy No desired is something a situation experienced by a person women who experience it pregnancy However No want presence baby from its content the (Kep et al., 2021). Teenagers who experience Unwanted Pregnancy generally are victims of rape and extramarital partners. Unwanted Pregnancy in Teenagers can give rise to its height possible abortion triggering an increase in the Maternal Mortality Rate (MMR) (Aisyaroh et al., 2023).

The United Nations Population Fund (UNFPA) issued report situation world population 2022 which shows the height number pregnancy No desired in the world. A total of 121 million pregnancy No desired happen every year. More of 60% of case pregnancy No desired ending in abortion. Additionally, 45% of abortion the done in a way No safe (United Nations Population Fund (UNFPA), 2023). According to the Population and Family Agency National Planning figures Unwanted Pregnancy reached 40%. Reason from non-pregnancy desired by teenagers that is wedding age young, at least Reproductive health knowledge, misinformation on social media, and sex free (Dana, 2023). Incidence rate Unwanted Pregnancies in Central Java Province in 2021 reached 21.89%. The city of Surakarta was obtained presentation Unwanted Pregnancy in Teenagers In 2021 it will reach 6.9% and in the District Sukoharjo obtained yield 9.9% (Dana, 2023).

Incident Unwanted Pregnancy in teenagers become attention special for government scope international nor national. On scope internationally, WHO has promote the Adolescent Sexual and Reproductive Health program For made guide every country in implement prevention programs Unwanted Pregnancy with objective strengthen and improve system service so that number incident Adolescent Unwanted Pregnancy. can minimized (Kep et al., 2021). Preventive measures implemented will potential reduce number incident Unwanted Pregnancy in teenagers, will but if no applied with maximum by the giver service and also awareness teenager as well as there are also other factors such as teenagers who experience it abuse sexual naturally will still give birth to number Unintended pregnancies among teenagers are increasing increase matter This will give rise to various detrimental impact for self teenager (Aisyaroh et al., 2023).

Unwanted Pregnancy in teenagers will have good negative impact from facet physical, psychological, social and spiritual. Impact from facet physique will endanger Mother nor the fetus she is carrying or Mother will try do an abortion that leads to death (Schonewille et al., 2022). Impact side psychology, mother will try run self from not quite enough answer or still continue her pregnancy with compulsion. Unwanted pregnancy that ends with abortion No safe it turns out is one of contributor to the Maternal Mortality Rate (MMR) both in the world and in Indonesia (Panda et al., 2023). Unwanted Pregnancy in teenagers influenced by several factors, namely, low knowledge health reproduction, attitude permissive in socializing, it's easy access to pornographic media push teenager for try and imitate, influence Friend near in associations, and patterns foster parents permissive-indifferent who tends to be let teenager in association so that teenager easy affected in association free (Yah et al., 2020).

Unwanted Pregnancy in teenagers is phenomenon social from year to year to be get attention Serious from various party. Must make efforts done for prevent happen pregnancy No desired by teenagers that is with increase knowledge about prevention Unwanted Pregnancy with give counseling, socialization, providing quality and easy information media accessible to teenagers, as well give education about prevention Unintended Pregnancy. It is knowledge and attitudes that underlie the formation process behavior. Knowledge or cognitive is a very important domain for formation behavior or action somebody (over behavior). If change behavior based with knowledge and positive attitude so will cause good behavior too (long lasting) (Chakole et al., 2022). Based on phenomenon the problems that have been described,

the author interested For make Work Final Scientific Midwifery entitled Analysis Determinant Unwanted Pregnancy in Adolescents: Literature Review with approach Evidence Based Case Report (EBCR).

2. METHOD

2.1 Frameworks

The *framework* has been prepared is as following:

Table 2. 1 Framework

Criteria	Inclusion	Exclusion
Population	Teenager	Pregnancy no desirable for teenagers who experience it disturbance soul
Intervention	Determinant Unwanted Pregnancy	
Comparison	n't any comparison	
Outcomes	The decline Unwanted Pregnancy in Adolescents	

2.2 Search Journal

Research data This originate from search article online against article study appropriate previous with criteria inclusion and exclusion review article This . Criteria inclusion and exclusion are made reference For carry out journal screening is as following:

- 1) Criteria inclusion : International and national articles accredited, Maximum published data is 5 years final, Articles in English and Indonesian, Systematic Literature Review (SLR), Literature Review , Narrative Review , Scoping Review, Article in full text form
- 2) Criteria exclusion: International and national articles Not yet accredited, More published data from 5 years final, Abstract article, Cohort study, quasi experimental, RCT, cross sectional

Search article done with using keywords that have been designed on the framework that is “unwanted pregnancy”, “unintended pregnancies in teenagers”, and “analysis of unwanted pregnancy”. Search done machined article database search scientific that is Scencedirect , PUBMED, BMC, and Google Scholar.

Search result beginning obtained international journals from the Scencedirect database found 251 articles, PUBMED found 195 articles , BMC found 3091 articles , and Google Scholar found 16,900 articles . Amount whole articles obtained from the Scencedirect, PUBMED, BMC, and Google Scholar databases a total of 20,437 articles. Furthermore done article screening For determine appropriate article with criteria that have been determined.

2.3 Mapping Literature

Table 2. 2 Article Mapping (Mapping article)

Elements	Amount
Study design	Systematic Literature review 6
	Literature review 4
	Narrative review 2
	A scoping review 1
	Country
Develop 4	
Proceed 9	

3. RESULTS

3. 1 Table of Analysis Results Journal

No	Title	Country	Research purposes	Research design	Participants / number sample	Results	Conclusion for Practice Midwifery
1.	The Effect of Adolescent Behavior on Unwanted Pregnancy: Literature Review (2023)	Indonesia	Study This aim For see aspect What just from behavior influencing teenagers non - pregnancy desired .	Literature Review	13 journals	From 13 journals researched internationally 4 findings were obtained with theme behavior teenagers who have influence to non - pregnancy desired namely : Beliefs & Perceptions , Determinants Cognitive Risky Behavior , Attitude , Motivation , and Action .	Behavioral factors teenager to non - pregnancy desired including beliefs & perceptions about behavior sexual premarital and contraception .
2.	Literature Review: Determinants of Unwanted Pregnancy in Adolescents in Indonesia (2021)	Indonesia	Give description factor determinant happen pregnancy No desired by teenagers in Indonesia.	Literature Review	5 articles	Total articles obtained A total of 157 articles , 5 articles were found that met the requirements criteria inclusion that is article with research conducted in Indonesia with year publications from 2015 to 2020, in the form of original articles, articles available in full text form and free access, as well factor reason pregnancy in teenagers . Lack of knowledge , attitude permissive Teenagers , it's easy access to pornographic media and patterns foster parents become factor reason happen pregnancy in teenagers .	Lack of knowledge teenager about health reproduction and health sexual is the most dominant factor as reason happen pregnancy No desired among teenager , because knowledge somebody can influence attitudes and behavior somebody . Need done coaching and counseling related knowledge and understanding to teenagers and parents related health reproduction teenager .
3.	The Role of Electronic Health Tools in Unwanted Pregnancy Prevention, Abortion and Post-Abortion Follow-Up: A Systematic Review (2023)	Iran	Review published research about role health electronic in prevention non - pregnancy desired , abortion , and act carry on after abortion .	Systematic review	33 articles	Study This show that use health electronic own significant impact in prevent non - pregnancy desire , abortion , and care post-abortion . In other words, technology health electronic play role important in increase effort prevention and treatment related problem pregnancy and abortion .	After see various study about role health electronic in prevent non - pregnancy desired , abortion , and act carry on after abortion , yes concluded that electronic play role important in effort This . Studies This highlighting potency technology For give information , support , and access to service health reproduction . With utilise

							health electronic with wise , we are can increase effectiveness of prevention and treatment programs in the field pregnancy and abortion .
4.	The Impact of Unwanted Pregnancy in Adolescents toward Pregnancy (2022)	Indonesia	The purpose of review References This is For know impact non - pregnancy desired to service pregnancy in teenagers	Systematic review	6 articles	6 articles reviewed 10 impacts were obtained bad service pregnancy in teenagers that is No doing ANC, trying abort pregnancy , no consuming food Healthy nutrition balanced , no do activity physical and sports , no taking Fe tablets, less sleep and rest , ignore cleanliness self , introvert, no do stimulation fetus , and depression .	Teenagers who experience pregnancy No desired tend No do ANC, behave harm self herself and her fetus ; Therefore that , you can done study more carry on about development of care models for families with teenagers who experience it pregnancy No desired .
5.	Unwanted Teenage Pregnancy and Its Complications: A Narrative Review (2022)	India	For know complications pregnancy No desired by teenagers	Narrative review	5 articles	Teenagers who experience pregnancy No desired can give impact Serious to growth and development they . Things don't only detrimental to adolescence and education , but it can also impact negative impact on the health of the country as a whole whole .	For help teenager modern princess grow become healthy and responsible adults answer , necessary exists effort in education , guidance pattern food , and family planned . Awareness society and explanation to schoolgirl about importance postpone marriage , life family , reproduction , health and education Population is also very important For create generation new healthy and empowered competitive .
6.	The prevalence of pregnancy among adolescent girls and young women across the Southern African	Afrika selatan	Study This aim For estimate level pregnancy among teenagers who haven't Marry aged 10-24, 10-19 and 15-19	Systematic review and meta-analysis	Sub group age included are : 10-24 years (25 studies), 10-19 years (22 studies), and 15-24	Findings This show that level pregnancy among teenagers who haven't marry in the economic area The Southern African Development Community is sufficient tall . Therefore that 's important For explore research and innovative programs that can expand as well as increase communication about health sexual and reproductive . This	Challenge in matter right reproduction and health sexual , access to maintenance health , HIV/AIDS, STIs, and management strategies risk others are also necessary noticed in effort pregnancy

	development community economic hub: A systematic review and meta-analysis (2020)		years in the economic area Southern African Development Community .	years (25 studies)	matter aim For reduce risks and exposure teenager to possible pregnancy planned , no planned , or No desired .	prevention undesirable in teenagers .
7.	Perception, practices , and understanding related to teenage pregnancy among the adolescent girls in India: a scoping review (2023)	India	Study This aim For discuss proof about views , actions , and understanding teenager Woman related pregnancy in India. In context this , research This give outlook about method teenager Woman see , overcome , and understand pregnancy in reality life they are in India.	Scoping review 40 articles	Of the 40 studies analyzed , more from half originate from the southern (35%) and northern regions (27.5%), with research in other areas is scattered in a way sporadic . The result served in two parts main : perception and practice , as well understanding and experience teenager daughter related pregnancy . In analysis that , understanding about pregnancy and method prevention teenager explained detailed in about 72% of papers , while aspect others , like perceptions (22.5%), practices (25%), and experiences (7.5%), were discussed in article other related things with pregnancy teenager daughter . Perception , practice , and understanding teenager about pregnancy is factors that have not fully revealed , caused happen pregnancy at age early . Enhancement detailed evidence about problem This can give base For intervention more policies right in the future . The evidence shows that misunderstanding about sexuality , pregnancy , contraception , as well as lack of understanding comprehensive about topics This is factor main reason pregnancy early among teenager women in India.	important For emphasize education sex comprehensive and improving access to service Practical and affordable healthcare For overcome consequence pregnancy early . Deep effort overcome reason main , empowering teenager daughter , and pushed they For make responsible choice answer related health sexual they become key in prevention pregnancy teenager . Although Thus , literature review this also highlights limitations available evidence and its existence gap in necessary research get attention more Serious .
8.	Literature Reviews: Unwanted Pregnancy in	Indonesia	Know influencing factors incident pregnancy	Literature review 6 item	From the article that has been collected , several factor main cause happen non - pregnancy desired by teenagers can identified . Factors This covers pattern	prevention policies and programs pregnancy teenager need consider aspects This For reach more results effective in

	Adolescents and Factors that Influence (2023)		undesirable in teenagers based on evidence latest on various article .			parental care , lack of knowledge , access easy towards pornographic media , attitudes Friend near to sexuality , lack of support from aspect religion , age , life without inclined parents give permission , social status economy low , and teenagers who are not go to school .	protect teenager from non - pregnancy desired .
9.	Prevalence and determinants of unintended pregnancy in Ethiopia: narrative synthesis and meta-analysis (2021)	Ethiopia	Overview systematic This done For test prevalence and certain factors decider pregnancy No desired among teenagers in Ethiopia	Narrative synthesis and meta analysis	24 literature article	Of the 250 studies taken , 24 studies involving 23,030 teenagers for meta-analysis factors pregnancy No desired . Prevalence whole pregnancy No desired by teenagers is 30%, with variation big between study . Prevalence combined pregnancy No desired and undesirable pregnancies appropriate time is 12% and 17% respectively . Heterogeneity especially originate from the research area . Related factors with pregnancy No desired involve low level education , poverty , multiparity , living in rural areas , extreme ageism , not yet married , at least authority in taking decision , access limited to facility health , low knowledge , and not use tool contraception	Prevalence pregnancy No desired among adolescents in Ethiopia Enough tall . For reduce level this is important For empowering women and make sure good access to service family quality planning in effort prevention pregnancy No desired by teenagers .
10	Psychological Impact Of Unwanted Pregnancy On Adolescents: A Literature Review (2021)	Indonesia	to determine the psychological impact on adolescents who experience unwanted pregnancy.	Literature Review	9 articles	Based on results research , impact psychological from non - pregnancy desired by teenagers covers various feeling negative such as shame , fear , disappointment , anxiety , crying , guilt , ease offended , introverted, frustrated , angry , aggressive , panic , regret , stress , and depression . This means that there is no pregnancy desired can give burden emotional significance in adolescents .	Pregnancy that is not desired can own influence significant emotional impact on well-being psychological teenager ..
11.	Interventions to prevent unintended pregnancies	English	For synthesize review systematic about	Systematic reviews	3 articles	Intervention prevention pregnancy teenager with implement based strategies school proven effective in reduce number pregnancy teenagers who don't desired .	Utilize the school platform and implement interventions that provide development skills , counseling , promotion

	among adolescents: a rapid overview of systematic reviews (2023)		intervention prevent pregnancy teenagers who don't desired			Approach This prove his success in prevent happen pregnancy in teenagers .	contraception , and education sex in a way simultaneously . Approach This expected can give maximum benefit in prevent pregnancy teenager .
12.	Psychiatric vulnerability and the risk for unintended pregnancies, a systematic review and meta-analysis (2022)	Dutch	For know risk non - pregnancy desired	Systematic review and meta-analysis	11 articles	Results from 11 studies were reported risk pregnancy No desired show that women who experience it mood disorders , anxiety , psychotic , use drugs , behavior , and problems Eat own risk more tall For experience non - pregnancy desired . In research here , girl with vulnerability mental in a way whole own risk non - pregnancy desired more tall compared to with those who don't experience vulnerability mental . Prevalence pregnancy No desired by the group This reached 65%.	Necessity attention special to adolescent mental health in effort prevention pregnancy No desired .
13.	Comprehensive sexuality education linked to sexual and reproductive health services reduces early and unintended pregnancies among in-school adolescent girls in Zambia (2023)	Zambia	For reduce pregnancy No desired and improve access to service among Zambian teenagers through sexual education receptive comprehensive .	Systematic review and meta-analysis	15 schools in both district This identified 1,571 pregnancies in Solwezi District and 697 in District Mufumbwe	After 3 years application intervention (combination education sexual comprehensive and accessible to facility health), findings show significant decrease in case pregnancy at school among teenagers in second group intervention . Group second show more decline large , reaching 0.74% of pregnancies at stage final ($p < 0.001$), while group third recorded 1.34% of pregnancies ($p < 0.001$). There is n't any significant decrease recorded only in groups control education sexual comprehensive . Downtrend This apparently stable from mid until end period research (2020), and test of differences show that comparison level incident between exposed and non- exposed groups exposed own the same significance ($p < 0.001$). That means intervention This own	Linking providing Sex Education Comprehensive with service easy health accessible and responsive to need teenagers and generations young can help reduce non - pregnancy desired .

impact positive in reduce pregnancy
teenagers in the environment school.

4. DISCUSSION

Unwanted pregnancy in adolescents has produce various worry. The stigma attached to unwanted pregnancy women has give birth to practice exclusion to teenager women who experience untimely pregnancy. Practice This happen in various institutions: family, school, and society. Birth Not even a unwanted pregnancy phenomenon regardless from role family, community and school as participating institutions shape it (Yong et al., 2023).

Many factors can push phenomenon the keep going increase like in the modern era now with supported by increasing technology advanced everyone can with it's easy access various information from various parts of the world. moreover in adolescence is a time when somebody have a desire know what's high about various matter. With condition that 's adolescence can categorized as sufficient time vulnerable because of curiosity the if no controlled with Good can encourage bad things (Murewanhema et al., 2023). One of them is desire For try things new ones are prohibited based on norms or the value it has, however they curious for find out and try it. Like case regarding "sex" that can be give new knowledge for teenager. Besides that possible factors influence teenager pregnancy out of wedlock is exists pressure from boyfriend or partner For do connection sex (Brindis et al., 2023).

Based on results study of the 13 articles used There were 10 articles discussing causal factors happen non - pregnancy desired by teenagers that is exists internal factors and factors external. According to (Murewanhema et al., 2023) internal factors or more commonly within a teenager himself. A teenager will face tasks development connection with change physical and role social. Desire For understandable more from other people can become reason teenager do action deviation, excessive attitude crochet self Alone or always elevate self Alone. (Ermiati et al., 2022). Internal factors that become reason sex pre-marriage in teenagers including aspects health reproduction, knowledge, attitudes to sexuality, aspect style life, control self, perceived vulnerability to risk health reproduction, activity in social, aspect age, as well religious aspects (Brindis et al., 2023).

External factors are factors from outside a teenager. According to the biggest external factors that have an impact on the occurrence of deviant behavior in a teenager, namely the environment and friends (peers). A frequent friends gather together in One gang, automatically he will infected by attitudes and traits his friend the. Parental love and attention No fully poured out, made a child No feel at home are inside House those, they more often For is outside together his friends (Brindis et al., 2023). External factors become reason behavior sex pre-marriage in teenagers among other things, contact with information media, family, values, socio-culture, and supporting norms social in behavior certain (Amien & Khoiriyah, n.d.). Apart from internal and external factors There are also factors other influences teenager experience pregnancy out of wedlock. One of them is Because lack of knowledge regarding reproductive health that can be done cause happen pregnancy out of wedlock or non - pregnancy desired because lack of education (Ponsford et al., 2022). Then factor other is attitude permissive in association teenager scattered so that pushed him risk happen pregnancy out of wedlock or non - pregnancy desired (Shankar et al., 2023). Then it spread access pornography on social media cause its height desire teenager for try and follow matter the. Increasing technology advanced moment this makes it very easy everyone for look for information (Mbizvo et al., 2023). Plus, adolescence is a time when people want to find out and imitate. So various undesirable things arise when combined with weak parental control. The influence of close friends or peers in relationships is one of the factors that can cause casual sex. Then applying permissive-indifferent parenting patterns carried out by parents can indirectly allow teenagers to socialize so that teenagers are easily influenced in promiscuity (Ayu Dewi Permata Sari & Indriani, n.d.).

Based on results study of the 13 articles used There were 11 articles discussing it impact non - pregnancy desired by teenagers that is impact physical, impact economics, and impact environment. Adolescents with unwanted pregnancies will definitely experience physical

impacts on themselves and the fetus they are carrying. Teenager Not yet own ready condition for undergo pregnancy the. According to (Kebede et al., 2021)age teenager, teenager enter into the age at risk. Need available service health pregnancy special for handle teenager with pregnancy no desired so that health adolescents and fetuses can be optimal. Other impacts are abortion and infection. Abortion is one of them frequent alternatives taken teenagers and their families For end her pregnancy. Termination attempt pregnancy This done illegally with drink purchased medication in a way free and access service health after There is complications. Necessity There is effort prevention abotrus Because can give rise to impact infection If done illegally.

Impact economy will felt teenager Because pregnancy No desired This happened at the time teenager still sitting on the bench school. Teenager Not yet own education basics that can be optimizing himself in the search process work. Teenager Still depends to both parents his in fulfillment need its economy. Teenager the sued Work with his abilities and education just. This matter will impact period long on the economy teenager Because no own decent education. Environment social teenager will give impact in a way social to teenagers who experience it pregnancy No desired. Educational process teenager will stopped moment pregnancy No desired happen. Teenager No can develop himself with own continuing education although baby his has born. Additionally, effects from pregnancy no desired teenager choose go from environment and move to environment his partner for avoid effect social conditions provided by the environment (Panda et al., 2023).

Based on results study of the 13 articles used obtained all article discussing effort prevention pregnancy No desired by teenagers that is choose good company, strengthening faith with busy self for worship, limit friendship especially towards opponents type, no watching pornographic films or sites, be consistent with the principles self alone, looking information health reproduction and danger pregnancy No desired by teenagers, and keep busy self with activity positive. Prevention efforts pregnancy no desired according to UNFPA, there are 4 basics that is empowerment teenager women, repair gender inequality, respect right basic humans, and reduce number poverty. For strive prevention the needed policy that is intervention prevention in adolescents aged 10-14 years, prevent happen violence sexual, caring health woman, protect right women, try education for women, involving man become part from solution, there is education sexual relations in children and adolescents, as well equitable development (United Nations Population Fund (United Nations Population Fund (UNFPA), 2023). The community has too role important in effort prevention pregnancy no desired by teenagers. The community in question is consists from role of parents, friends peers, and figures in society. In conclusion, there is a number of thing that can be attempted as business For prevent pregnancy no desired that is choose good company, strengthening faith with busy self for worship, limit friendship especially towards opponents type, no watching pornographic films or sites, be consistent with the principles self alone, looking information health reproduction and danger pregnancy no desirable in teenagers, and keep busy self with activity positive (Chakole et al., 2022).

5. CONCLUSION

Based on results study of the 13 articles used in studies literature This obtained conclusion as following: Causative factor happen non-pregnancy desired by teenagers that is exists internal factors and factors external. Impact non-pregnancy desired by teenagers that is impact physical, impact economics, and impact environment. Prevention pregnancy No desired by teenagers that is choose good company, strengthening faith with busy self For worship, limit friendship especially towards opponents type, no watching pornographic films or sites, be consistent with the principles self alone, looking information health reproduction and danger pregnancy no desired by teenagers, and keep busy self with activity positive.

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REFERENCES

- Aisyaroh, N., Machfudloh, M., & A'Yunida, S. Q. (2023). Literature Reviews: Unwanted Pregnancy in Adolescents and Factors that Influence. *Jurma: Jurnal Program Mahasiswa Kreatif*, 7(1), 139-148.
- Amien, A. F., & Khoiriyah, I. E. (n.d.). *THE EFFECT OF ADOLESCENT BEHAVIOR ON UNWANTED PREGNANCY: LITERATURE REVIEW*.
- Ayu Dewi Permata Sari, D., & Indriani, D. (n.d.). *Literature Review : Determinan Terjadinya Kehamilan Tidak Diinginkan Pada Remaja di Indonesia Literature Review : Determinants of Unwanted Pregnancy in Adolescents in Indonesia*.
- Brindis, C. D., Gutmann-Gonzalez, A., & Decker, M. J. (2023). Teenage pregnancy: Trends, predictors, prevention efforts, and future directions. In B. Halpern-Felsher (Ed.), *Encyclopedia of Child and Adolescent Health (First Edition)* (pp. 973-987). Academic Press. <https://doi.org/https://doi.org/10.1016/B978-0-12-818872-9.00019-4>
- Chakole, S., Akre, S., Sharma, K., Wasnik, P., Wanjari, M. B., & Wasnik Sr, P. (2022). Unwanted teenage pregnancy and its complications: a narrative review. *Cureus*, 14(12).
- Dana, P. (2023). *BADANKEPENDUDUKANDANKELUARGABERENCANANASIONAL 2022 PETUNJUK TEKNIS BANTUAN OPERASIONAL KELUARGA BERENCANA (BOKB) TA 2023*.
- Ermiaati, E., Widiasih, R., & Mediani, H. S. (2022). The Impact of Unwanted Pregnancy in Adolescents toward Pregnancy Care: A Systematic Review. *Open Access Macedonian Journal of Medical Sciences*, 10(F), 7-14.
- Kebede, K. M., Belay, A. S., & Shetano, A. A. (2021). Prevalence and determinants of unintended pregnancy in Ethiopia: narrative synthesis and meta-analysis. *Heliyon*, 7(9).
- Kep, E. M., Mat, S., Nugraha, E., Pratiwi, N., Lathifah, A., Nurrahmawati, D., Karizma, T., & Turjanah, E. (2021). Psychological Impact of Unwanted Pregnancy on Adolescents: A Literature Review. *Journal of Nursing Care*, 4(3).
- Mbizvo, M. T., Kasonda, K., Muntalima, N.-C., Rosen, J. G., Inambwae, S., Namukonda, E. S., Mungoni, R., Okpara, N., Phiri, C., & Chelwa, N. (2023). Comprehensive sexuality education linked to sexual and reproductive health services reduces early and unintended pregnancies among in-school adolescent girls in Zambia. *BMC Public Health*, 23(1), 1-13.

- Murewanhema, G., Moyo, E., & Dzinamarira, T. (2023). Teenage pregnancy in Zimbabwe: A call for expedited interventions. *Children and Youth Services Review, 150*, 106987. <https://doi.org/https://doi.org/10.1016/j.childyouth.2023.106987>
- Panda, A., Parida, J., Jena, S., Pradhan, A., Pati, S., Kaur, H., & Acharya, S. K. (2023). Perception, practices, and understanding related to teenage pregnancy among the adolescent girls in India: a scoping review. *Reproductive Health, 20*(1), 1–16.
- Ponsford, R., Bragg, S., Meiksin, R., Tilouche, N., Van Dyck, L., Sturgess, J., Allen, E., Elbourne, D., Hadley, A., & Lohan, M. (2022). Feasibility and acceptability of a whole-school social-marketing intervention to prevent unintended teenage pregnancies and promote sexual health: evidence for progression from a pilot to a phase III randomised trial in English secondary schools. *Pilot and Feasibility Studies, 8*(1), 52.
- Schonewille, N. N., Rijkers, N., Berenschot, A., Lijmer, J. G., van den Heuvel, O. A., & Broekman, B. F. P. (2022). Psychiatric vulnerability and the risk for unintended pregnancies, a systematic review and meta-analysis. *BMC Pregnancy and Childbirth, 22*(1), 153.
- Shankar, M., Hooker, L., Edvardsson, K., Norman, W. V., & Taft, A. J. (2023). The prevalence and variations in unintended pregnancy by socio-demographic and health-related factors in a population-based cohort of young Australian women. *Australian and New Zealand Journal of Public Health, 47*(3), 100046. <https://doi.org/https://doi.org/10.1016/j.anzjph.2023.100046>
- United Nations Population Fund (UNFPA). (2023). *Directory of statistical services of international organisations United Nations Population Fund (UNFPA)*. www.unfpa.org
- Yah, C. S., Ndlovu, S., Kutwayo, A., Naidoo, N., Mahuma, T., & Mullick, S. (2020). The prevalence of pregnancy among adolescent girls and young women across the Southern African development community economic hub: A systematic review and meta-analysis. *Health Promotion Perspectives, 10*(4), 325.
- Yong, M. Q. Y., Yeo, Y., & Shorey, S. (2023). Factors affecting unintended pregnancy resolution from the perspectives of pregnant women and people: A systematic review of qualitative evidence. *Midwifery, 127*, 103866. <https://doi.org/https://doi.org/10.1016/j.midw.2023.103866>