

# The Intervention of Digital Reproductive Health Literacy of Service Providers in Health Clinics for Adolescents and Youths: A Systematic Review

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## Abstract

**Background:** The World Health Organization requires reproductive health literacy (RHL) Skills Development for adolescent service providers to ensure safe sexual health and awareness of the fundamental right to make appropriate sexual decisions and equality. The purpose of this research was to find an intervention for promoting digital reproductive health literacy (DRHL) among adolescent service providers.

**Methods:** This study used a systematic review using PRISMA techniques to analyze and synthesize research on keywords: Reproductive Health, Health Literacy, Digital Health Literacy, e-Health literacy, Competency, Healthcare provider, Health worker, Professional health worker, Health clinic, Adolescent clinic, and Youth clinic, published between 2013 and 2023 from PubMed, Scopus, Emerald, SAGE, Cochrane, TCI and Google Scholar databases.

**Results:** A total of 717 studies were searched and met the inclusion criteria according to the inclusion criteria. The quality of work was analyzed by the Critical Appraisal Tool of The Joanna Briggs Institute (2014) and through the synthesis of a total of 8 cases. The results showed that 1) an effective human resource development program should be an online activity along with learning materials to enhance skills in 6 areas, namely (1) skills to promote reproductive health knowledge of service providers (2) Digital adaptation skills of service providers (3) Creative communication skills on reproductive health with adolescents through digital channels (4) Promote attitudes of reproductive health service providers in the digital age (5) skills in providing services to adolescents and youth through digital channels and (6) team and network management skills 2) Reproductive health literacy was measured by four components: (1) access to reproductive health information (2) understand reproductive health information, (3) apply reproductive health information, (4) appraise reproductive health information, and 3) most studies were assessed in three phases: pre, post, and follow-up after program participation. All research results showed that adolescents who received services had significantly higher health behaviors.

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**Conclusion:** The DRHL intervention should focus on developing service providers in health clinics for adolescents and youths in three areas: digital reproductive health knowledge; service attitude and skills in performing reproductive health practices to meet standards and increase equality access channels for adolescents and youths' services.

**Keywords:** Reproductive Health, Health Literacy, Digital, Competency, Healthcare, Youth clinic, systematic review