Reproductive Health Campaign for a School Based Health Clinic

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Abstract

Adolescent health and well-being depend on access to quality reproductive health services, including reproductive health education and counseling, contraception, and screening and treatment of sexually transmitted infections (STIs). It has been shown that adolescents face significant barriers to accessing reliable reproductive health information, products, and services. Social media platforms are becoming an increasingly popular way to provide adolescents with accurate sexual health information. In partnership with a high school-based health clinic (SBHC) in Portland, this project was created to educate and advertise sexual and reproductive health services to adolescents through a social media campaign. The project consisted of four phases: developing reproductive health topics based on evidence-based guidelines, creating posts using Canva, increasing awareness of the SBHC, and publishing the posts on the SHBC's Instagram account. Twenty-one posts were included in the campaign, covering STI awareness and prevention, preventing unintended pregnancies, safe sex and consent, and sexuality and LGBTQ health. As the primary outcome measure, there was a 0.55% increase in the number of followers of the Wellness Center Instagram over the course of the project. It was challenging to discern how many students utilized the information from the campaign, or if the campaign increased access or usage of sexual health services at the clinic. Next steps may include consulting with marketing professionals to determine best strategies for the implementation of a successful social media campaign, increasing stakeholder involvement, or exploring the use of additional social media platforms to expand reach to the target audience.

Keywords: reproductive health, adolescents, quality improvement, social media

Reproductive Health Campaign at a School Based Health Clinic Introduction

Problem Description

Adolescence is a unique and critical life stage characterized by significant physical and psychosocial changes (Liang et al., 2019). Sexual and reproductive health is an essential aspect of the adolescent period. Access to quality reproductive health care services, including reproductive health education and counseling, contraception care, and screening and treatment for sexually transmitted infections (STIs) plays a crucial role in adolescents' overall health and well-being (Romero et al., 2015).

Multiple professional organizations have established evidence-based clinical practice recommendations regarding the provision of reproductive health care for adolescents (Hallum-Montes et al., 2016). Despite these guidelines, national data demonstrate that many adolescents are not receiving preventative reproductive health services (Romero et al., 2015). Compared to other age groups in the U.S., adolescents experience disproportionately higher rates of STIs, including human immunodeficiency virus (HIV), and unintended pregnancy (Centers for Disease Control and Prevention [CDC], 2021a). Local data also support the lack of reproductive care among adolescents as an ongoing health issue. According to the 2019 Multnomah County Community Health Assessment, chlamydia and gonorrhea rates have been steadily increasing in youths since 2007 (Healthy Columbia Willamette Collaborative, 2019).

With the Reproductive Health Equity Act of 2017, Oregon addressed these disparities by expanding access to comprehensive reproductive health services for thousands of Oregonians, regardless of income, citizenship status, gender identity, or type of insurance (Oregon Health Authority [OHA], 2022). Despite increased access to reproductive health services, data from the

CDC School Health Profile for Oregon indicates that adolescents face significant barriers to accessing reliable information, products, and services related to HIV, other STIs, and pregnancy prevention (SIECUS, 2021). Recent analyses also suggest a significant disruption in reproductive health services due to the COVID-19 pandemic (Steiner et al., 2021).

Available Knowledge

School-Based Health Centers (SBHCs) are medical clinics on school campuses that offer a full range of physical, behavioral, and preventative health services (OHA, 2021). SBHCs provide increased access to care by reducing barriers including cost, transportation, and concerns regarding confidentiality (OHA, 2021). SBHCs offer various reproductive health services, including reproductive health exams, STI prevention education, screening and testing, and condom distribution. Additionally, as of 2020, 62% of Oregon's certified SBHCs provide prescriptions and dispense contraceptives on-site (OHA, 2021). According to recent data, students at SBHC schools are 23% more likely to report healthy sexual behavior than students at non-SBHC schools (Bersamin et al., 2018).

Despite their availability, students often underutilize care at SBHCs. Factors contributing to underutilization include lack of awareness of provided services and confidentiality concerns (Gruber et al., 2021). Recent analyses also demonstrate that the COVID-19 pandemic has further impacted engagement with SBHC services. Specifically in Oregon, overall SBHC utilization fell from 130,586 visits in 2018–2019 to 121,144 visits in 2019–2020, a total decrease of 7% (OHA, 2021).

Given its important developmental context and nearly ubiquitous use among 13-17-yearolds, social media presents new opportunities to improve the utilization of SBHCs and provide reproductive health information to adolescents. According to available data, adolescents report using three to eight different social media platforms for an average of 3 hours daily (Vannucci et al., 2020). Adolescents in previous studies have expressed openness to interacting with healthcare professionals through social media and often use social media to learn about reproductive health (Kelleher & Moreno, 2020; Stevens et al., 2017). Adolescent social media campaigns that have proven successful feature "trendy" topics, "catchy" captions, humorous videos, and attention-grabbing yet reliable content. (Kelleher & Moreno, 2020).

Set at a high school SBHC in Portland, this project will utilize social media to increase awareness of SBHC reproductive health services and disseminate reproductive health information to adolescents using the clinic's Instagram account. This method is particularly compelling given adolescents' access to social media platforms, whether at home or school.

Rationale

According to the World Health Organization (WHO), health promotion is a core function of public health and involves the process of empowering individuals to increase control over and improve their health (WHO, 2016). The goals of health promotion are to achieve healthy lifestyle behaviors, improve health literacy, and enhance life skills. Adolescents are particularly vulnerable to the adverse consequences of unhealthy sexual behaviors and are widely recognized as an essential group to direct reproductive health promotion interventions (CDC, 2021a). An integral approach to reproductive health promotion goes beyond individually focused behaviors and moves toward a wide range of societal and environmental factors, making it a critical healthcare focus for SBHCs and other adolescent-based community health centers.

This project will incorporate Nola Pender's Health Promotion Model (HPM) from 1982, which was developed to be a complementary counterpart of the models of health protection (Srof & Velsor-Friedrich, 2006). In this model, health professionals are provided with positive

resources to motivate individuals to improve their health and support them in making specific behavioral changes (Srof & Velsor-Friedrich, 2006). Pender's HPM emphasizes the multidimensionality of individuals and offers a holistic approach to examining how persons interact with their environment to pursue health (Ho et al., 2010). The nursing community has widely accepted this model, and it is currently utilized in nursing research, practice, and education (Srof & Velsor-Friedrich, 2006). One integrative review of seventeen qualitative studies found that HPM had predictive value in estimating health-promoting behaviors, indicating its validity and applicability in a wide range of healthcare settings (Aqtam & Darawwad, 2018). This model was selected as a framework for this quality improvement project because it will allow for examination of influences on participation in health-promoting behaviors and provide direction for effective interventions (Srof & Velsor-Friedrich, 2006).

Specific Aims

The purpose of this project is to implement a reproductive health social media campaign at a Portland-based SBHC from August 2022 through December 2022 to promote positive sexual behavior among adolescents. The project aim will be to increase the number of high schoolers that follow the SBHC's Instagram by 30% over a three-month period. An additional goal of this project will be to increase utilization of services provided at the SBHC in order to improve reproductive health outcomes for adolescents at this Portland-based high school.

Methods

Context

The high school SBHC is located in urban Portland, Oregon, and serves 848 students. There are 205 freshmen, 199 sophomores, 217 juniors, and 227 seniors. The majority of students identify as male (553), while the remaining students identify as female (285) or non-binary (10).

The clinic staff consists of a physician and medical director, family nurse practitioner, registered nurse, certified medical assistant, licensed clinical social worker, and mental health consultant.

Students with access to the SBHC's Instagram account were targeted in the campaign.

Adolescents are considered the target demographic for this project due to the transformative effect that new communication methods, knowledge exchange, and social media has had on their lives (Liang et al., 2019). Adolescents are also particularly vulnerable to experiencing a wide range of reproductive health and social challenges including risks of unwanted pregnancy, unsafe abortion, and STIs, including HIV/AIDS (WHO, 2018). Further disparities in sexual health exist among certain subpopulations of youth including those in corrections, those with developmental disabilities, those in foster care, homeless youth, LGBTQ youth, youth with mental health conditions, and youth who have experienced sexual abuse (OHA, 2011).

Data from 2017 showed that Oregon has one of the highest rates in the nation of youth suffering from at least one major depressive episode, which has presumably worsened secondary to the accelerating mental health crises among adolescents as a result of the COVID-19 pandemic (OHA, 2021; Balingit, 2022). This significant rise in mental health issues places adolescents in the target population at higher risk for negative outcomes.

In the U.S. and around the world, there is a deep-seated discomfort regarding adolescent sexuality, contributing to inadequate reproductive health knowledge and provision of services (WHO, 2018). Supporting adolescents to be in healthy and safe relationships, feel comfortable with their sexuality, and prevent unwanted pregnancy and STIs is essential to their overall physical and emotional health.

Interventions

This project was implemented in four phases. Phase I was the development of topics of critical importance to adolescent reproductive and sexual health and included key stakeholder input. Phase II included creation of weekly Instagram posts addressing topics selected from Phase I. Phase III was implemented to increase awareness of the SBHC and the SBHC's Instagram by posting on the school's bulletin board and by displaying posters in the clinic to remind students to follow the SBHC's Instagram. This phase also included an Instagram post to announce the publication of sexual health information on the SBHC's Instagram account. Phase IV included posting the created graphics on the SBHC's Instagram.

Phase I

Phase I involved the development of topics from evidence-based guidelines to include in the reproductive social media campaign. The Health Education Curriculum Analysis Tool (HECAT) is an assessment tool developed by the CDC in partnership with the National Center for HIV, Viral Hepatitis, STD, and TB Prevention (NCHHSTP) and Division of Adolescent and School Health (DASH) and includes health behavior outcomes targeted towards sexual health curriculum for pre-K-12 students (CDC, 2021b). The outcomes are as follows: 1. Recognize developmental changes experienced by self and others during childhood and adolescence. HBO 2. Establish and maintain healthy relationships. HBO 3. Treat all people with dignity and respect with regard to their gender identity and sexual orientation. HBO 4. Give and receive consent in all situations. HBO 5. Be sexually abstinent. HBO 6. Engage in behaviors that prevent or reduce sexually transmitted infections (STIs), including HIV. HBO 7. Engage in behaviors that prevent or reduce unintended pregnancy. HBO 8. Support others to avoid or reduce sexual risk behaviors. HBO 9. Avoid pressuring others to engage in sexual behaviors. HBO 10. Use appropriate health services to promote sexual and reproductive health.

Based on the above outcomes, the four monthly topics chosen for the social media campaign included: 1. STI Awareness and Prevention 2. Preventing Unintended Pregnancy 3. Safe Sex and Consent 4. Sexuality and LGBTQ Sexual Health. Topics were reviewed and approved by the clinic medical director before Phase II.

Phase II

Phase II included the creation of posts using Canva, a social media graphic design platform. Weekly or biweekly posts were created for each of the four monthly topics, depending on how many subtopics there were, for a total of 21 posts. Each post was created using evidence-based information from the CDC and other nationally recognized organizations.

STI Awareness and Prevention

For the first month's topic of STI Awareness and Prevention, bi-weekly subtopics included basic information on each STI, including signs and symptoms, testing, and treatment. The STIs covered included Genital Herpes, Chlamydia, Gonorrhea, HIV/AIDs, HPV, Syphilis, and Trichomoniasis (Planned Parenthood, 2022a). There was a total of 7 posts created during this month. See Appendix D.

Preventing Unintended Pregnancy

For the second month's topic on preventing unintended pregnancy, a total of 5 posts were created. The first week included 2 posts on various birth control options, while the remaining 3 posts presented information on emergency contraception, barrier methods, and abortion (Bedsider, 2022; CDC, 2022; Planned Parenthood, 2022c). See Appendix E.

Safe Sex and Consent

The third month's topic was on safe sex and consent. Subtopics included healthy relationships, definition of sexual assault, guidance on what consent means, and safe sexting for

a total of 5 posts (Futures Without Violence, 2019; National Coalition for Sexual Health, 2022; National Sexual Violence Resource Center, 2021; Planned Parenthood, 2022b). See Appendix F. Sexuality and LGBTQ Health

The last month's topic was related to sexuality and LGBTQ health and included 4 posts on gender, sex, and attraction, "coming out," bullying, and awareness of the Q Chat Space. See Appendix G.

Phase III

Phase III included posting on the school's bulletin board, developing posters encouraging students to follow the SBHC's Instagram, and creating an Instagram post to announce the start of the reproductive health information campaign. During the week of August 30, 2022, the first week of school for the 2022-2023 school year, posters were displayed in the clinic lobby and in each of the clinic rooms to remind students to follow the SBHC's Instagram account. See Appendix A. In addition, an announcement was posted on the school's bulletin board to remind students of the presence of the SBHC, its specific location, hours, and services. See the script in Appendix B. Lastly, an Instagram post was published on the SBHC's Instagram account on September 26, 2022, to remind students of the start of the reproductive social media campaign on October 3, 2022. See Appendix C.

Phase IV

Phase IV of the intervention included publication of posts on the SBHC's Instagram account. Over three months, from October 2022 through December 2022, there were weekly posts for a total of 21 posts. The content of each post was evidence-based and approved by the clinic medical director prior to publishing.

Study of the Interventions

The study of the intervention included monitoring the number of Instagram followers throughout the duration of the project. Additionally, the SBHC's utilization rate was analyzed weekly from September 1, 2022, through November 30, 2022, and compared to the previous years' utilization rate over the same period of time. The ability to determine specific utilization of reproductive health services at the SBHC could not be accomplished and would have yielded inaccurate data.

Measures

The primary outcome measure for this quality improvement project was the percent increase in followers of the SBHC's Instagram account from August 30, 2022, through November 30, 2022. This measure allowed us to determine if the social media campaign resulted in an increase in awareness of the SBHC. A secondary outcome measure was the number of students who utilized the SBHC between September 1, 2022, to November 30, 2022, which was compared to data from the same 3-month period during the previous year. Process measures for this project included the number of likes for Instagram feed posts. Several balancing measures considered for this project included increased burden on the medical director for reviewing and approving Instagram posts, in addition to increased burden on the entirety of the clinic as a result of increased visits. These balancing measures were not formally assessed for this project.

Analysis

Data was collected and stored in a Microsoft Excel spreadsheet. The data was analyzed and displayed using run charts and graphs to document the process and outcome measures.

Ethical Considerations

All clinic staff were informed of this quality improvement project. Major stakeholders, including the clinic's medical director and medical providers, extended support. The

implementation of this project did not pose any ethical concerns for the patients who seek care at the clinic as there were no surveys of participants or direct contact with human subjects. The project was deemed not research involving human subjects by the Oregon Health & Science University Institutional Review Board due to its nature as quality improvement (IRB STUDY00024663).

Results

Results

The primary outcome measure of this project was the percent increase in followers of the SBHC's Instagram. The number of followers of the SBHC's Instagram increased by a total of one follower over the course of the project, resulting in a 0.55% increase in overall followers. At the start of the project, there were 181 followers. By week 5 of the project, there were a total of 182 followers, which remained unchanged for the remainder of the project.

During Phase IV, the weekly posts received an average of 4.8 likes, with the most likes (10) on the initial post reminding students of the start of the reproductive social media campaign. On average, 2.6% of followers liked the weekly Instagram posts.

As a secondary outcome measure for this project, clinic utilization rates were gathered from September 1, 2022 through November 30, 2022 and compared to the same 3-month period in 2021. Overall, utilization rates increased in September 2022 and October 2022 when comparing to September 2021 and October 2021. However, utilization rates decreased when comparing November 2022 to November 2021. See Appendix H for graphical representations of the above data. Limitations will be discussed below.

Discussion

Summary

In collaboration with the SBHC at a Portland high school, this project utilized social media to increase awareness of SBHC reproductive health services and disseminate reproductive health information to adolescents. By the end of the project, there was an increase in followers by 0.55%. However, it was challenging to measure how many students the project reached and how the information affected those it did reach. The medical director of the clinic and project contact for the clinic agreed with this. Despite liking the posts, she reported that it was difficult to know if students visited the clinic as a result of Instagram posts.

Social media plays a particularly large part in adolescent's lives as indicated by their extensive use of several different social media platforms. The social media platform, Instagram, was chosen as the application for this project since the SBHC already had an established account. Instagram is considered a popular social media outlet, however, according to data from the Pew Research Center, 95% of teens used YouTube in 2022, making it the most popular social media platform among teens (Vogels et al., 2022). The next most popular platform for teens was TikTok (67%), followed by Instagram and Snapchat (Vogels et al., 2022). To inform future social media campaigns, it would be helpful to determine which social media platform is most popular among students at the high school used for this project.

Developing this campaign did not incur any costs due to Canva being free and only one doctoral student designing it. The campaign may have included more appealing graphics and marketing strategies with the use of an interdisciplinary design team; however, this would not have been plausible due to schedule constraints and high costs.

Limitations

This social media campaign targeted adolescents at a SBHC, but it was difficult to determine how many students were reached. Though post likes could be tracked, it was not

possible to accurately determine how many students viewed the posts or if they were utilized or referenced. Additionally, it was unclear whether those who interacted with the posts were adolescents at the high school or other followers of the SBHC's Instagram account, such as parents, teachers, or other community members. The Instagram account is public and therefore allows anyone to view posts, even if they are not followers of the account. Though it may have been beneficial to educate the broader population in Portland regarding reproductive health, the public accessibility of the account limited data collection that specifically pertained to the target audience.

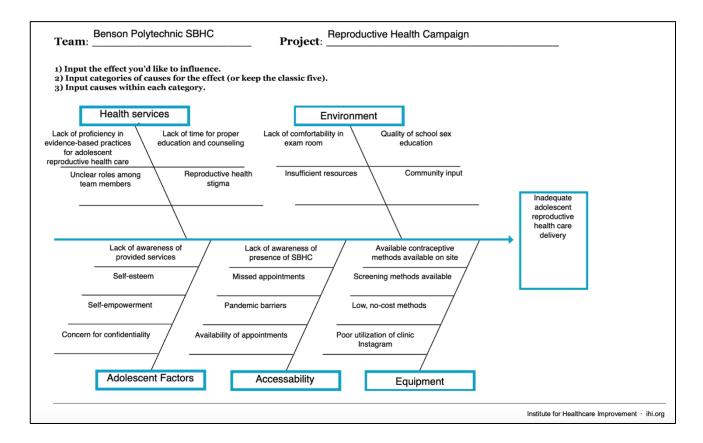
Beyond the project's scope and reach, it was also not known how the campaign affected the utilization of the SBHC's reproductive health services. Since there was no specific data point that could be tracked to measure utilization of these services, it was challenging to assess if the campaign increased access or usage of sexual health services at the clinic. This project was also limited by the lack of experience in developing and implementing a successful social media campaign. Professional social medial campaigns typically include the use of multiple platforms, data analytics, and consistent engagement (Sreenivasan, 2018). Lack of funding and novice expertise significantly reduced the ability to replicate the scale and success of a professional social media campaign.

Conclusion

The reproductive social media campaign was the first of its kind at the project site. It was deemed successful in terms of the creation of accurate sexual health information that covered a variety of topics, but there is room for this project to be built upon. Future next steps could include consultation with a professional marketing agency and graphic designer to ensure that the posts are visually appealing and reaching as many students as possible. There could also be

more involvement with other stakeholders at the school, such as principals or teachers, so that they could inform the students of the campaign. Furthermore, it would be helpful to allow students to participate in the campaign by providing input into which topics they were most interested in learning about. Ideally this input would come from the majority of students. As mentioned previously, information regarding the social media platforms most used by students would help target the intended audience. The use of multiple social media platforms could also further extend the reach of the project.

Adolescence is a critical life stage for reproductive health education. The use of social media campaigns for disseminating reproductive health information to adolescents has been shown to be effective. In spite of the difficulty of measuring project outreach and utilization at the SBHC, the project still produced useful posts that can be repurposed and expanded. The use of social media for public health education will only continue to increase in the future due to its ability to eliminate barriers that preclude access to healthcare services. In future projects, further exploration is needed to identify which social media platforms are most popular and best suited for targeting adolescents at SBHCs for reproductive health campaigns.



Project Timeline

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb- March
Finalize project design and approach (703A)	X									
Complete IRB										
determination or approval		X								
(703A)										
Phase I (703B)		X								
Phase II (703B)			X							
Phase III (703B)				X	X					
Phase IV (703B)						X	X	X		
Final data analysis (703B)									X	X
Write sections 13-17 of										X
final paper (703B)										
Prepare for project										X
dissemination (703B)										

References

- Aqtam, & Darawwad, M. (2018). Health Promotion Model: An Integrative Literature Review.

 Open Journal of Nursing, 8(7), 485–503. https://doi.org/10.4236/ojn.2018.87037
- Balingit, M. (2022). 'A cry for help': CDC warns of a steep decline in Teen Mental Health. The Washington Post. Retrieved May 17, 2022, from https://www.washingtonpost.com/education/2022/03/31/student-mental-health-decline-cdc/
- Bedsider. (2022). *Birth Control Options*. Bedsider. Retrieved June 23, 2022, from https://www.bedsider.org/birth-control
- Bersamin, M., Paschall, M. J., & Fisher, D. A. (2018). Oregon School-Based Health Centers and Sexual and Contraceptive Behaviors Among Adolescents. *The Journal of School Nursing: The Official Publication of the National Association of School Nurses*, 34(5), 359–366. https://doi.org/10.1177/105984051770316
- Centers for Disease Control and Prevention. (2022). *Teen Condom Fact Sheet*. Reproductive

 Health: Teen Pregnancy. Retrieved June 23, 2022, from

 https://www.cdc.gov/teenpregnancy/pdf/teen-condom-fact_sheet-english-march-2016.pdf
- Centers for Disease Control and Prevention. (2021a). Sexual Risk Behaviors Can Lead to HIV, STDs, & Teen Pregnancy. Adolescent and School Health. Retrieved April 3, 2022, from https://www.cdc.gov/healthyyouth/sexualbehaviors/index.htm
- Centers for Disease Control and Prevention. (2021b). *Health Education Curriculum Analysis Tool, 2021*. Adolescent and School Health. Retrieved May 22, 2022, from

 https://www.cdc.gov/healthyyouth/hecat/index.htm#hecat

- Futures Without Violence. (2019). Caring Relationships, Healthy You Poster (LGBTQ). Futures

 Without Violence. Retrieved July 1, 2022, from

 https://store.futureswithoutviolence.org/product/caring-relationships-healthy-you-lgbtq-poster/
- Hallum-Montes, R., Middleton, D., Schlanger, K., & Romero, L. (2016). Barriers and
 Facilitators to Health Center Implementation of Evidence-Based Clinical Practices in
 Adolescent Reproductive Health Services. The Journal of Adolescent Health: Official
 Publication of the Society for Adolescent Medicine, 58(3), 276–283.
 https://doi.org/10.1016/j.jadohealth.2015.11.002
- Healthy Columbia Willamette Collaborative. (2019). 2019 Community Health Needs Assessment.

 Retrieved May 11, 2022, from https://comagine.org/sites/default/files/resources/HCWC-
 Community-Health-Needs-Assessment-Report-July2019.pdf
- Ho, A., Berggren, I., & Dahlborg-Lyckhage, E. (2010). Diabetes empowerment related to Pender's Health Promotion Model: A meta-synthesis. Nursing & Health Sciences, 12(2), 259–267. https://doi.org/10.1111/j.1442-2018.2010.00517.x
- Kelleher, E., & Moreno, M. A. (2020). Hot Topics in Social Media and Reproductive Health. *Journal of Pediatric and Adolescent Gynecology*, *33*(6), 619–622. https://doi.org/10.1016/j.jpag.2020.06.016
- Liang, M., Simelane, S., Fortuny Fillo, G., Chalasani, S., Weny, K., Salazar Canelos, P., Jenkins,
 L., Moller, A. B., Chandra-Mouli, V., Say, L., Michielsen, K., Engel, D., & Snow, R.
 (2019). The State of Adolescent Sexual and Reproductive Health. *The Journal of Adolescent Health: Official Publication of the Society for Adolescent Medicine*, 65(6S),
 S3–S15. https://doi.org/10.1016/j.jadohealth.2019.09.015

- National Coalition for Sexual Health. (2022). Shareable Graphics. National Coalition for Sexual Health. Retrieved July 3, 2022, from https://nationalcoalitionforsexualhealth.org/get-involved/shared-graphics
- National Sexual Violence Resource Center. (2021). *Digital Consent, Boundaries, and Everyday*Online Consent. National Sexual Violence Resource Center. Retrieved November 8, 2022,
 from https://www.nsvrc.org/saam/2021/preventionresources/digitalconsentboundaries
- Oregon Health Authority. (2011). Sexual Health Disparities Among Disenfranchised Youth.

 Youth Sexual Health: State of Oregon. Retrieved May 14, 2022, from

 https://www.oregon.gov/oha/ph/HealthyPeopleFamilies/Youth/YouthSexualHealth/Pages/index.aspx
- Oregon Health Authority. (2021). Oregon School-Based Health Centers. Health at School.

 Retrieved April 16, 2022, from

 https://www.oregon.gov/oha/ph/HEALTHYPEOPLEFAMILIES/YOUTH/HEALTHSCH

 OOL/SCHOOLBASEDHEALTHCENTERS/Pages/index.aspx
- Oregon Health Authority. (2022). Reproductive Health Equity Act. Reproductive and Sexual

 Health. Retrieved April 4, 2022, from

 https://www.oregon.gov/oha/PH/HEALTHYPEOPLEFAMILIES/REPRODUCTIVESEX

 UALHEALTH/Pages/reproductive-health-equity-act.aspx
- Planned Parenthood. (2022a). *Abortion*. Planned Parenthood. Retrieved June 23, 2022, from https://www.plannedparenthood.org/learn/abortion
- Planned Parenthood. (2022b). *Sexual Assault, Abuse, and Rape*. Planned Parenthood. Retrieved July 1, 2022, from https://www.plannedparenthood.org/learn/teens/bullying-safety-privacy/sexual-assault-abuse-rape

- Planned Parenthood. (2022c). *STDs*. Planned Parenthood. Retrieved June 8, 2022, from https://www.plannedparenthood.org/learn/stds-hiv-safer-sex
- Parenthood, P. (2021). Teens Coming Out: How to Come Out to Your Parents & Family.

 Planned Parenthood. Retrieved December 4, 2022, from

 https://www.plannedparenthood.org/learn/teens/lgbtq/coming-out
- Q Chat Space. (2022). *Learn More About Q Chat Space*. Q Chat Space. Retrieved December 4, 2022, from https://qchatspace-staging.azurewebsites.net/Learn-More
- Romero, L. M., Middleton, D., Mueller, T., Avellino, L., & Hallum-Montes, R. (2015).

 Improving the Implementation of Evidence-Based Clinical Practices in Adolescent

 Reproductive Health Care Services. *The Journal of Adolescent Health: Official Publication*of the Society for Adolescent Medicine, 57(5), 488–495.

 https://doi.org/10.1016/j.jadohealth.2015.07.013
- SIECUS. (2021). *Oregon State Profile*. State Profiles. Retrieved April 4, 2022, from https://siecus.org/state-profile/oregon-state-profile/
- Srof, & Velsor-Friedrich, B. (2006). Health Promotion in Adolescents: A Review of Pender's Health Promotion Model. Nursing Science Quarterly, 19(4), 366–373. https://doi.org/10.1177/0894318406292831
- Steiner, R. J., Zapata, L. B., Curtis, K. M., Whiteman, M. K., Brittain, A. W., Tromble, E., Keys, K. R., & Fasula, A. M. (2021). COVID-19 and Sexual and Reproductive Health Care:
 Findings From Primary Care Providers Who Serve Adolescents. *The Journal of Adolescent Health: Official Publication of the Society for Adolescent Medicine*, 69(3), 375–382. https://doi.org/10.1016/j.jadohealth.2021.06.002

- Sreenivasan, S. (2018). *How to Use Social Media in your Career*. The New York Times.

 Retrieved January 24, 2023, from https://www.nytimes.com/guides/business/social-media-for-career-and-business
- Trans Student Educational Resources . (2021). *Gender Unicorn*. Trans Student Educational Resources . Retrieved November 8, 2022, from https://transstudent.org/gender/
- U.S. Department of Health and Human Services. (2022). *What Kids Can Do*. StopBullying.gov. Retrieved December 4, 2022, from https://www.stopbullying.gov/kids/what-you-can-do
- Vannucci, A., Simpson, E. G., Gagnon, S., & Ohannessian, C. M. (2020). Social media use and risky behaviors in adolescents: A meta-analysis. *Journal of Adolescence*, 79, 258–274. https://doi.org/10.1016/j.adolescence.2020.01.014
- Vogels, E., Gells-Watnick, R., & Massarat, N. (2022). *Teens, Social Media and Technology*2022. Pew Research Center: Internet, Science & Tech. Retrieved January 21, 2023, from https://www.pewresearch.org/internet/2022/08/10/teens-social-media-and-technology-2022/
- World Health Organization. (2016). *Health Promotion*. World Health Organization. Retrieved May 14, 2022, from https://www.who.int/news-room/questions-and-answers/item/health-promotion

World Health Organization. (2018). WHO recommendations on adolescent sexual and reproductive health and rights. World Health Organization. Retrieved May 14, 2022, from https://www.who.int/publications/i/item/9789241514606

Appendix A



Appendix B

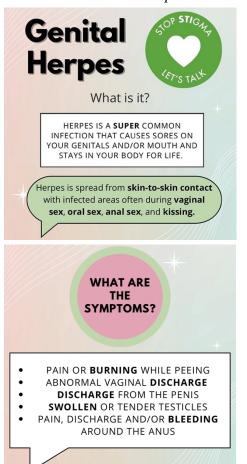
"Don't forget that the Wellness Center on campus is here to help keep you healthy! You can find us by following the signs to the Wellness center across the hall from the gym. The medical providers have appointments Monday to Thursday from 1-5 pm and you can drop in to speak with the school nurse or social worker anytime. We offer general health check-ups, sports physicals, sick visits, sexual health counseling, mental health counseling, vaccines, and COVID-19 testing. We are also here to answer any questions you may have about your body, health, and mind. You schedule your own appointments and come during school hours. All services are free. Stop by the clinic to register and to pick up some school swag!"

Appendix C



Appendix D

STI: Genital Herpes





HAVE

HERPES?

THERE'S NO CURE FOR HERPES. BUT YOU CAN TAKE

MEDICINE THAT MAKES OUTBREAKS SHORTER AND

LESS PAINFUL, AND CAN HELP PREVENT OUTBREAKS IN

THE FUTURE.

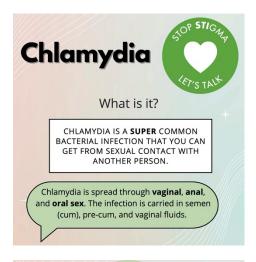
THE GOOD NEWS ABOUT HERPES IS THAT IT'S NOT

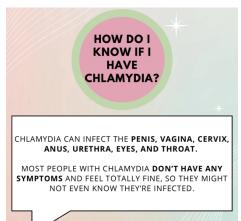
DEADLY OR EVEN VERY DANGEROUS. IT MIGHT BE

ANNOYING, BUT HERPES DOESN'T CAUSE SERIOUS HEALTH PROBLEMS LIKE OTHER STIS CAN.



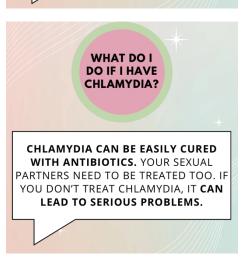
STI: Chlamydia













STI: Gonorrhea



Gonorrhea is spread through vaginal, anal, and oral sex. The infection is carried in semen (cum), pre-cum, and vaginal fluids.

HOW DO I KNOW IF I HAVE GONORRHEA?

GONORRHEA CAN INFECT THE **PENIS, VAGINA, CERVIX, ANUS, URETHRA, THROAT, AND EYES** (BUT THAT'S RARE).

MOST PEOPLE WITH GONORRHEA **DON'T HAVE ANY SYMPTOMS** AND FEEL TOTALLY FINE, SO THEY MIGHT NOT EVEN KNOW THEY'RE INFECTED.

WHAT ARE THE SYMPTOMS?

- PAIN OR **BURNING** WHILE PEEING
- ABNORMAL VAGINAL **DISCHARGE**
- DISCHARGE FROM THE PENIS
- BLEEDING BETWEEN PERIODS
- PAIN, DISCHARGE AND/OR BLEEDING AROUND THE ANUS

SHOULD I GET TESTED FOR GONORRHEA?

GETTING TESTED IS THE ONLY WAY TO KNOW IF YOU HAVE GONORRHEA. PEOPLE WHO HAVE SEX SHOULD GET TESTED REGULARLY.

GONORRHEA TESTING CAN BE AS SIMPLE AS PEEING IN A CUP.

WHAT DO I DO IF I HAVE GONORRHEA?

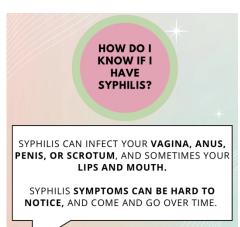
GONORRHEA CAN BE EASILY CURED WITH ANTIBIOTICS. YOUR SEXUAL PARTNERS NEED TO BE TREATED TOO. IF YOU DON'T TREAT GONORRHEA, IT CAN LEAD TO SERIOUS PROBLEMS.

HOW CAN I PREVENT GONORRHEA?

GONORRHEA IS GENERALLY SPREAD THROUGH SEXUAL CONTACT. SO THE BEST WAY TO PREVENT CHLAMYDIA IS TO **GET TESTED REGULARLY** AND **USE CONDOMS** IF YOU HAVE SEX.

STI: Syphilis





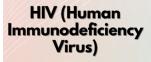








STI: HIV





What is it?

HIV DAMAGES YOUR IMMUNE SYSTEM, MAKING IT EASIER FOR YOU TO GET SICK. HIV IS THE VIRUS THAT CAUSES AIDS. AIDS STANDS FOR ACQUIRED IMMUNE DEFICIENCY SYNDROME. HIV AND AIDS ARE NOT THE SAME THING. PEOPLE WITH HIV DO NOT ALWAYS HAVE AIDS.

HIV is carried in semen (cum), vaginal fluids, anal mucus, blood, and breast milk. You can't get HIV from kissing or sharing foods, but you can get it through unprotected sex and by sharing needles.

HOW DO I KNOW IF I HAVE HIV?

PEOPLE WITH HIV DON'T USUALLY HAVE SYMPTOMS RIGHT AWAY, SO THEY MAY NOT KNOW THEY HAVE IT. IT CAN BE YEARS BEFORE HIV MAKES YOU FEEL SICK.

WHAT ARE THE SYMPTOMS?

PEOPLE USUALLY **LOOK AND FEEL TOTALLY HEALTHY FOR A LONG TIME AFTER THEY'RE INFECTED**. IT CAN TAKE 10 YEARS OR MORE
FOR HIV TO SHOW ANY SYMPTOMS. THE
FIRST 2-4 WEEKS AFTER BEING INFECTED
WITH HIV, YOU MAY FEEL FEVERISH, ACHY,
AND SICK.

SHOULD I GET TESTED FOR HIV?

GETTING TESTED IS THE ONLY WAY TO KNOW IF YOU HAVE HIV. PEOPLE WHO HAVE SEX, ESPECIALLY UNPROTECTED SEX, SHOULD GET TESTED REGULARLY.

HIV TESTING USUALLY INVOLVES **GIVING A QUICK BLOOD SAMPLE.**

WHAT DO I DO IF I HAVE HIV?

THERE'S NO CURE FOR HIV, BUT THERE ARE TREATMENTS THAT HELP PEOPLE WITH HIV LIVES. ANTIRETROVIRAL THERAPY (ART) IS A COMBINATION OF MEDICINES THAT SLOWS DOWN THE EFFECTS OF HIV IN YOUR BODY, AND CAN ALSO LOWER OR EVEN STOP YOUR CHANCES OF GIVING HIV TO ANYONE ELSE.

HOW CAN I PREVENT HIV?

PROTECT YOURSELF BY USING CONDOMS
EVERY TIME YOU HAVE SEX, AND DON'T SHARE
NEEDLES WITH ANYONE

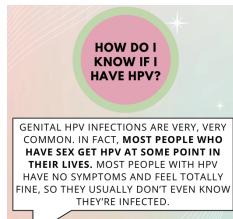
YOU CAN ALSO ASK YOUR DOCTOR ABOUT PREP — A DAILY PILL THAT HELPS PREVENT HIV.

STI: HPV

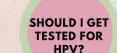


vagina, cervix, penis, or anus touches someone else's

genitals or mouth and throat — usually during sex.







THERE'S AN HPV TEST FOR THE CERVIX, BUT
NOT FOR OTHER GENITAL AREAS. HPV
TESTING IS TYPICALLY DONE DURING A PAP
TEST, SOMETIMES CALLED A PAP SMEAR.
PEOPLE WITH A CERVIX START SCREENING AT
AGE 21.

WHAT DO I DO IF I HAVE HPV?

MOST HPV INFECTIONS GO AWAY ON THEIR OWN. IF NOT, DON'T WORRY. WHILE THERE'S NO CURE FOR THE VIRUS, THERE ARE TREATMENT OPTIONS FOR THE PROBLEMS HPV CAN CAUSE.

HOW CAN I PREVENT HPV?

GET THE HPV VACCINE!

IN ADDITION, USING CONDOMS AND/OR DENTAL DAMS, AND GETTING REGULAR PAP/HPV TESTS IS THE BEST WAY TO AVOID PROBLEMS THAT CAN COME FROM HPV.

STI: Trichomoniasis



Trich is often passed during vaginal sex. It's also spread by vulva-to-vulva contact, sharing sex toys, and touching your own or your partner's genitals if you have infected fluids on your hand.

HOW DO I KNOW IF I HAVE TRICH?

TRICH CAN EASILY **INFECT THE VULVA, VAGINA, PENIS, AND URETHRA**, BUT IT USUALLY DOESN'T INFECT OTHER BODY PARTS (LIKE THE MOUTH OR ANUS).

MANY PEOPLE WITH TRICH DON'T HAVE ANY SYMPTOMS, BUT THEY CAN STILL SPREAD THE INFECTION TO OTHERS

WHAT ARE THE SYMPTOMS?

ABOUT 7 OUT OF 10 PEOPLE WITH TRICH
HAVE NO SIGNS OF THE INFECTION. WHEN
THE INFECTION IS IN A PENIS, IT'S VERY
UNLIKELY TO CAUSE SYMPTOMS. TRICH IS
MOST LIKELY TO CAUSE VAGINITIS
SYMPTOMS, SUCH AS FROTHY, BADSMELLING VAGINAL DISCHARGE AND
VAGINAL ITCHING.

SHOULD I GET TESTED FOR TRICH?

GETTING TESTED IS THE ONLY WAY TO KNOW

IF YOU HAVE TRICH. GET TESTED IF YOU OR

YOUR PARTNER HAS SIGNS OF TRICH.

TRICH TESTING CAN BE AS SIMPLE AS PEEING IN A CUP. SOMETIMES THE TEST IS DONE BY TAKING A SELF-SAMPLE OF CELLS FROM YOUR PENIS OR VAGINA.

WHAT DO I DO IF I HAVE TRICH?

TRICH CAN BE EASILY CURED WITH ANTIBIOTICS. YOUR SEXUAL PARTNERS NEED TO BE TREATED TOO. IF YOU DON'T TREAT TRICH, YOU MAY PASS THE INFECTION BACK AND FORTH OR TO OTHER PEOPLE.

HOW CAN I PREVENT TRICH?

TRICH IS GENERALLY **SPREAD THROUGH SEXUAL CONTACT.** SO THE BEST WAY TO
PREVENT TRICH IS TO **GET TESTED REGULARLY** AND USE **CONDOMS** IF YOU
HAVE SEX.

Appendix E



If you do have sex, use DUAL PROTECTION.

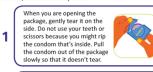
Even if you or your partner is using another type of birth control, agree to use a condom every time you have sex, to reduce the risk to both of you for HIV and most other STDs.





How do you put a condom on correctly?

The condom should be put on before any genital contact. Sperm may come out of the penis before the male ejaculates, so put the condom on before any skin-to-skin contact begins. You should also know that some STDs can be transmitted without intercourse, through genital (skin-to-skin) contact. To reduce the risk of pregnancy and STDs (including HIV), males need to wear a condom the entire time from the beginning to the end of genital contact, each and every time.



Put the rolled up condom over the head of the penis when it 2 is hard.



Pinch the tip of the condom 3

Holding the tip of the condom, 4 unroll it all the way down to the base of the penis.



Know your CONDOM DOS & DON'TS





DO

- Check the expiration date on the package. If it is expired, get a new package of condoms and throw away the old ones.

DON'T

- Do not use condoms that are torn or





Appendix F



"What if the next victim is me?"

Let's talk about sexual assault, abuse, and rape $\,\longrightarrow\,$

- Someone touching you without your consent
- Someone showing you their genitals or making them touch you without your consent
- Someone forcing you to kiss you

It doesn't matter if the person doing these things is a family member, friend, or even someone you're dating - it's still wrong. If someone sexually assaults you...

What are sexual assault, abuse and rape?

Sexual assault or abuse means any unwanted sexual contact. It's when someone uses force or pressure (either physical or emotional) to get you to do something sexual. Examples include...

Get to someplace safe as soon as possible and tell a parent, guardian, or another adult in your life you trust.

Your safety is important. Tell an adult you trust and they can help you figure out what to do next, which might include seeing a medical provider for an exam or calling the police. The most important thing to remember is that...

What happened isn't your fault.

Even if you start doing something sexual with someone, but didn't want to continue and they forced you anyway, it's still not your fault. What you were wearing or drinking or how you were acting does not make it your fault.

For more support and information..

Talk to your medical provider and/or explore RAINN, an expert anti–sexual violence oraganization.

RAINN offers a 24-hour, 7-day a week hotline. They can tell you about your options and connect with you with local resources. You are not alone.

Click here to go to the RAINN website

Sexual Health Quick Tips

How Do You Ask a Partner for Consent?



First: You should never pressure or force your partner to consent to sexual activity.

Remember: A partner can say no to any type of sexual activity, even if they've done it before. And they can take away their consent at any time.

Consent means asking your partner—every step of the way—if what you'd like to do sexually is ok and desired. You could ask:

- Would you like to try ____?
- Is ____ok with you?
- Does ____feel good to you?



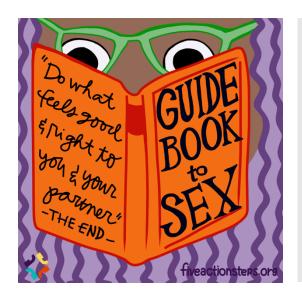
To give consent, your partner should clearly, freely, and positively answer: "YES," using words.



Note: Your partner can't give consent if they are asleep. And, they might not be able to consent if they are drinking alcohol or are under the influence of drugs.

Learn more at FiveActionSteps.org





Sexual Health Quick Tips

Making the Case for Safer Sex: Five Simple Lines



Before getting physical, **caring partners** will talk about safer sex. This can include using:

- Condoms
- Dams
- Lube
- Medications
- Birth control



Here are 5 lines to help you get started:

- "A worry-free sex life is great for both of us. Let's talk about safer sex."
- "Safer sex makes perfect sense to me. Can we talk?"
- "Sex is more relaxing and fun if we're not worried about STIs or unplanned pregnancies."
- "Using condoms can be standard practice for people who care about each other."
- "You can't tell by looking. Either of us could have an STI and not even know it."



If your partner refuses to practice safer sex, risking your health and future isn't worth it. You deserve better.

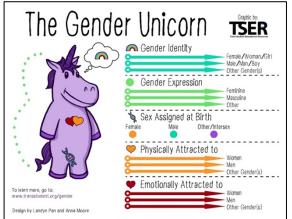
Note: Sometimes, things don't go as planned. If you have unsafe sex, you can take medications to avoid unplanned pregnancy and/or HIV.

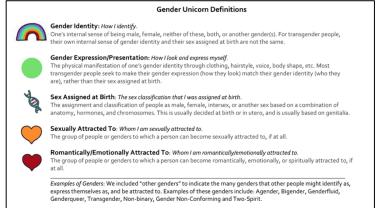
Learn more at FiveActionSteps.org

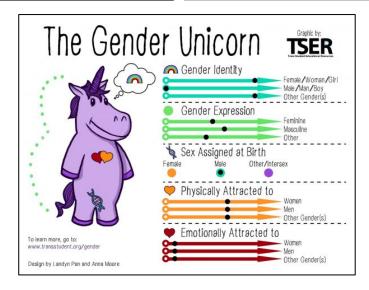




Appendix G

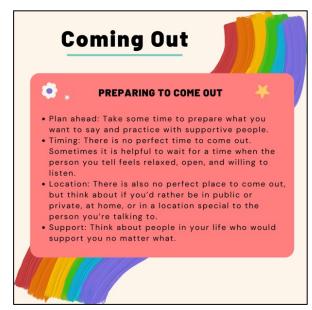




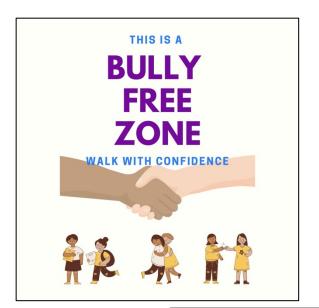












Know that everyone has the right to feel safe.

If you see anti-LGBTQ bullying, let the person making the comments know that they are offensive. If the situation is such that you do not feel safe intervening, alert a teacher or administrator immediately or report a social media post as harassment.

If you know someone has experienced anti-LGBTQ bullying, let them know you are on their side and make an effort to spend time with the person at school.

Know that all people, regardless of sexual orientation and gender identity, **should be treated with dignity and respect.**

Anti-Bullying Resources



- The Gay, Lesbian, Straight Education Network (GLSEN)
- PACER's National Bullying Prevention Center
- The Trevor Project offers a 24-hour helpline for LGBTQ and questioning teens: toll-free (866) 4-U-TREVOR (866-488-7386).





Appendix H

