

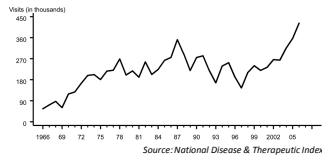
Preventing HIV and HPV: Are the Youth Informed?

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Great Problems Seminar: Heal the World

MOTIVES

- *HIV/AIDS is most prevalent among 15-29 year olds
- *another person is affected with HIV/AIDS every 24 seconds
- *HPV infection rates peak under the age of 25
- *6.2 million people will become infected with HPV each year
- ***Survey:** HIV/HPV knowledge among high school students is extremely limited

Genital warts cases on the rise



INTERVIEWS

Student Interviews:

Students at WPI were randomly selected and asked about their knowledge of HIV and HPV. These interviews showed that many are still uninformed about HIV and HPV and we need to work together as a population to increase awareness.

Nurse Interview:

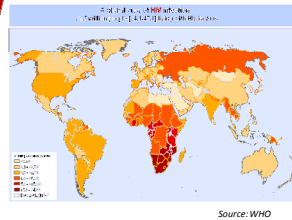
An informational video with a nurse on campus was performed to educate the audience about the purpose and necessity of Gardasil, the vaccine against HPV.

Boston Living Center Interviews:

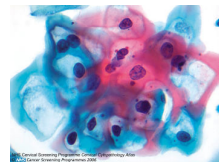
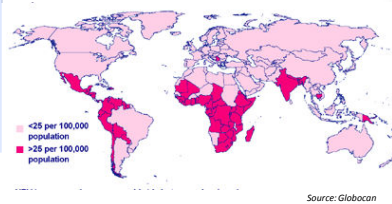
Interviews in which members told their stories, experiences, and their own thoughts on prevention and education were performed at the Center. These confrontations provided evidence that HIV/AIDS deeply affects an individual mentally and emotionally, not just physically.

THE PROBLEM

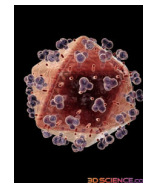
HIV and HPV are two serious sexually transmitted diseases that affect lives across the globe and have lifelong effects. As technology advances and prevention possibilities expand, are the youth being informed to prevent future outbreaks?



Cervical Cancer Age Standardized Incidence per 100,000 Women



Cancerous cervical cell



AIDS virus

THE PLAN

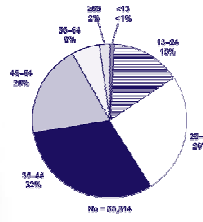
1. Conduct surveys to recognize needs for education of youth regarding HIV and HPV.
2. Interview students, health professionals, and patients to fully understand all aspects of the diseases.
3. Create an informative video to be shown to high schools to educate young people about the risks of sexual activity and promote prevention via protection.
4. Distribute the video to local high schools and request that it be shown with the purpose of "healing the world" in mind.

STATISTICS

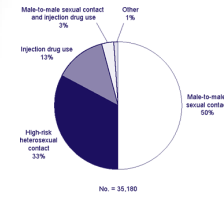
*over 1 million people are living with HIV/AIDS in the United States today

*about 25% of people that have HIV/AIDS are unaware that they are infected

*about 75% of Americans are currently infected with HPV



Ages of AIDS patients



AIDS transmission

MAKING THE VIDEO

*Student interviews highlighted our problem, and posed questions in order to engage our audience

*The interviews from the Boston Living Center show our audience the emotional impact of HIV/AIDS, as well as contain important information about prevention

*We wanted to not only educate our audience, but to move them and inspire them to take action in some way to lead healthier and safer lives and encourage those around them to do so

CONCLUSIONS

*The youth in the United States are not properly informed of serious diseases affecting the population.

*Rates of HIV and HPV infected people will continue to rise if young people are not educated about the dangers of these diseases. High rates of infected individuals may lead to social and cultural unrest which must be avoided.

*An ideal way to introduce prevention is through strict but relative education among the United States youth.