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HPV Infection Prevention in Males by Gardasil Vaccination

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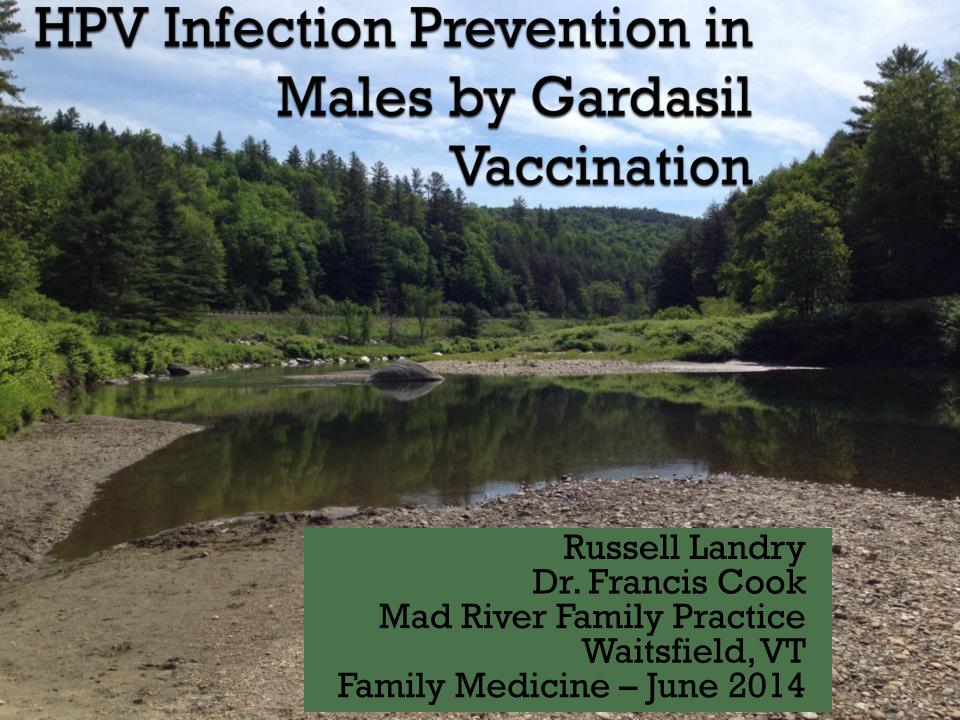
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Problem

Preventing HPV infection in males

- Understanding HPV
- Educating about the spread of HPV in males
- Conditions caused by HPV in males
- Information about the Gardasil Vaccine
- Where males should go for information about HPV

Public Health of HPV in Males

- About 1% of sexually active males in the U.S. have genital warts
- Each year 400 males get HPV related cancer of the penis
- 1,500 males get HPV related cancer of the anus each year
- 2-3 cases of Genital warts have been reported at Harwood High School (Moretown and Waitsfield)
- Harwood High School's school nurse reports 1-3
 males students each year seeking information about STIs (including HPV)

*Source: CDC, Name Withheld

Community Perspective, Support, and Need

- Within the first week of my Family Medicine rotation, Dr.
 Francis Cook was having to provide education to a young
 male patient about HPV prevention and the Gardasil vaccine
 without the use of educational tools.
- This issue came up again during the second week of my rotation, and Dr. Francis Cook verbally expressed his apology to a male patient and his family for not having HPV prevention and Gardasil vaccine information for them in the form of a pamphlet this family choose to wait on the vaccination. If this family had a pamphlet on HPV prevention and the Gardasil vaccine, their decision might have been different.
- Two interviews were carried out to understand what information was known about HPV prevention and Gardasil
 - 19 year old male patient and Harwood High School's school nurse Name Withheld

Intervention and Methodology

Development of a pamphlet to educate young males about HPV and the vaccine Gardasil

Results

- Interview with 19 year old male patient he had never heard of HPV, genital warts, Gardasil vaccine, effects of the vaccine, and would turn to his physician and the high school's school nurse for information about these issues
- Subsequently, an interview with Harwood High School's school nurse was carried out – Name Withheld reported that HPV prevention was an issue that was important to school age male health education, and a number of male students have approached her about having genital warts or for educational information about HPV infection and prevention through the Gardasil vaccine
- HPV Information and Prevention, and Gardasil Pamphlet was developed to address the concerns and provide educational tools for Mad River Family Practice

Evaluation of Effectiveness

- Use the Electronic Medical Record to track the increase in Gardasil vaccination use in males after introducing the pamphlet
- Survey patients and families to ask if the use of the pamphlet impacted their decision to vaccinate against HPV using the Gardasil vaccine

Future Directions

- Implement outreach to Harwood High
 School for education of school age males
 and their families
- Carry out study of effectiveness of pamphlet
- At the suggestion of Name Withheld, develop a website to better target and provide education and outreach to young males

References

• CDC http://www.cdc.gov/std/hpv/stdfact-hpvand-men.htm