**Frequently Asked Questions about HPV and the Vaccine**

1. **What are the trade names for these vaccines?** 
   * Bivalent HPV vaccine (2vHPV): Cervarix (GSK)
   * Quadrivalent HPV vaccine (4vHPV): Gardasil (Merck)
   * 9-valent HPV vaccine (9vHPV): Gardasil 9 (Merck)
2. **Why is it different for males than females with the brand of vaccine?**
   * GSK did not seek an indication for males for bivalent HPV vaccine.
3. **Why is there more injection site reactions with gardail-9?** 
   * There is a increased amount of adjuvant in 9vHPV (500µg/mcg v 250µg/mcg) which may account for the increase in injection site reactions.
4. **Any truth to what some parents have said about HPV causing decrease in fertility?**
   * There is no data to support claims that HPV vaccination decreases fertility.
   * However, persistent HPV infection can cause cervical cancer and the treatment of cervical cancer can leave women unable to have children.
   * Even treatment for cervical pre-cancer can put a woman at risk for problems with her cervix during pregnancy causing preterm delivery or problems.
5. **If the mom is positive can this be passed to the baby during vaginal delivery?**
   * HPV 6 and HPV 11 can cause condyloma in the throat.
   * Recurrent respiratory papillomatosis (RRP) is a rare disease that is characterized by the growth of tumors in the respiratory tract caused by the human papilloma virus (HPV). Although they primarily occur in the larynx on and around the vocal cords, these growths may spread downward and affect the trachea, bronchi and occasionally the lungs.
   * Babies delivered vaginally to mothers with active condyloma during pregnancy, are at greatest risk. However, even among this group the disease is still rare.
6. **If a boy at age 11 received the Quadivalent HPV vaccination and now he is 14, can he get updated with the 9-valent vaccine?**
   * Currently there is no ACIP recommendation for an individual fully vaccinated with quadrivalent HPV vaccine to receive the 9-valent HPV vaccine series.

1. **Does a girl who receives the Quadivalent vaccine, does she need to be updated with the 9-valent vaccine for better vaccination coverage?**
   * Currently there is no ACIP recommendation for an individual fully vaccinated with quadrivalent HPV vaccine to receive the 9-valent HPV vaccine series.
2. **What is the percent of developing cancers if positive with HPV?**
   * Each year, about 33,000 new cases of cancer are found in parts of the body where human papillomavirus (HPV) is often found. HPV causes about 26,900 of these cancers.
   * About 79 million Americans are currently infected with HPV. However most of these people will never develop symptoms or sequelae. There is no way to know which people will go on to have a cancer caused by their HPV infection.

Additional Resources can be found at: <http://www.une.edu/ahec/hpv-vaccination-project>