



Quadrivalent HPV Vaccine Evaluation Study

QUEST HPV STUDY

Spring Newsletter

Interested in Science?

Do you have a passion for science, or would like to gain more insight into what it's like to work in a science field? The following are links to a variety of science based organizations that you can be involved in across Canada! Feel free to visit our Facebook page for a full list of the organizations: <https://www.facebook.com/QUESTHPVStudy/>

- Bamfield Marine Sciences Centre (Bamfield, BC)
- Science World (Vancouver, BC)
- Vancouver Aquarium (Vancouver, BC)
- Calgary Zoo (Calgary, AB)
- Calgary Parks (Calgary, AB)
- Telus World of Science Edmonton (Edmonton, AB)
- Ludmer Centre (Montréal, QC)
- Montréal Botanical Garden (Montréal, QC)
- The Discovery Centre (Halifax, NS)
- Ecology Action Centre (Halifax, NS)
- Let's Talk Science
- Skype a Scientist

Contact Us:

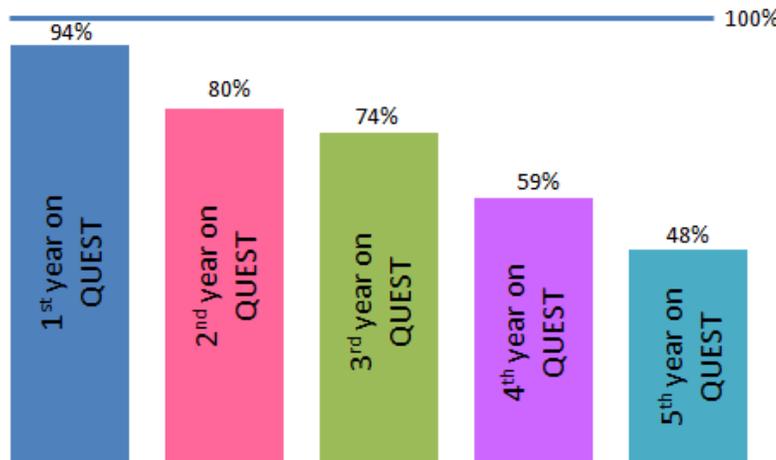
Facebook and Instagram:
@QUESTHPVStudy

E-mail:
QUESTHPVStudy@bcchr.ubc.ca

Phone:
1866-502-2424 (toll free)

Update on the Study:

Percentage of girls who sent in at least 1 swab in each year of the QUEST study.



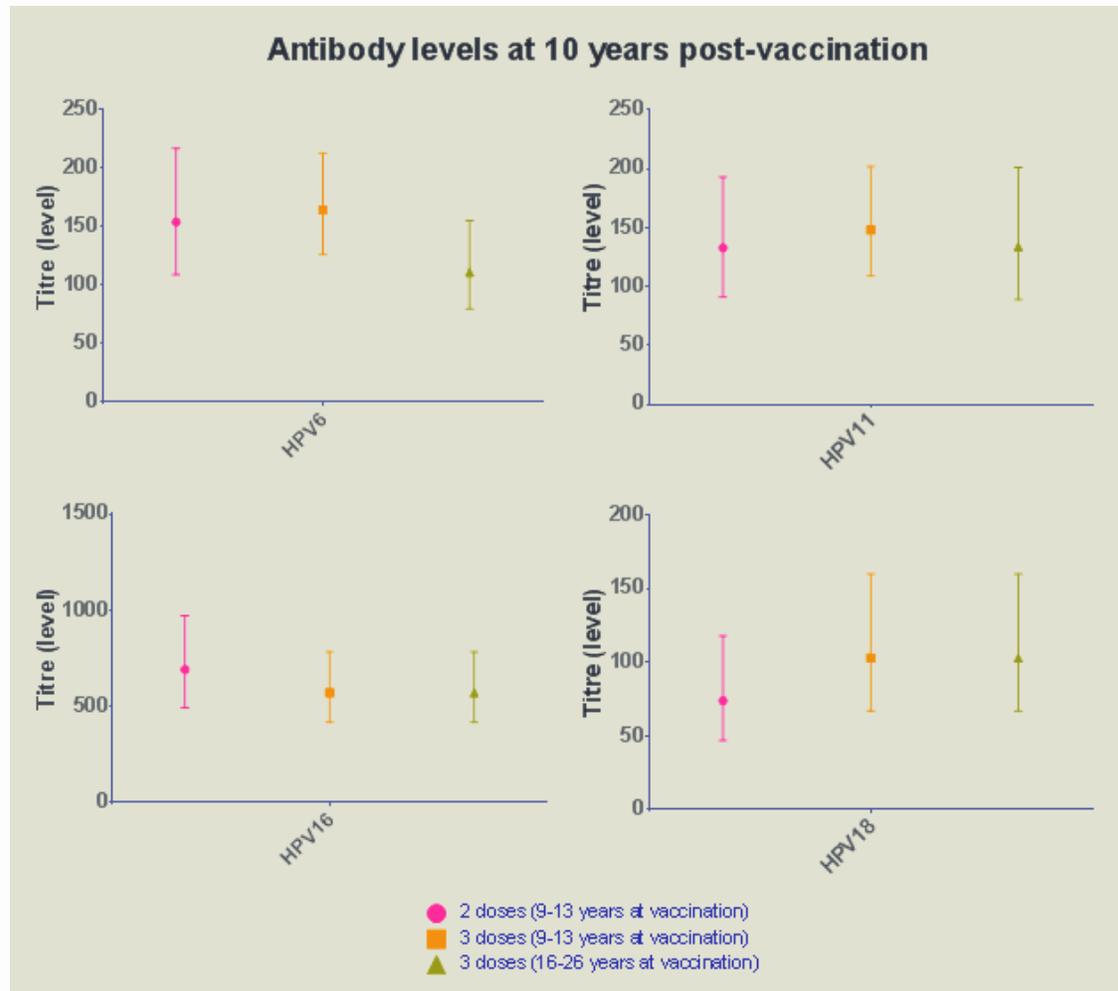
Lets aim for the 100% bar in sending in your QUEST samples!

Help us to get as close to the 100% bar as possible by sending in all of your QUEST samples!

TO UNSUBSCRIBE, PLEASE E-MAIL QUESTHPVSTUDY@BCCHR.UBC.CA



Our First Result From the QUEST Study Data: HPV Immune Responses up to Ten Years Post-Vaccination:



Our first group of participants has now received the HPV vaccine more than 10 years ago. In a subgroup of these participants we collected blood samples to compare the immune responses after 2 or 3 doses of the HPV vaccine. We also collected blood among women who had received three-doses of the HPV vaccine 10 years ago between the ages of 16 and 26 years of age to compare with the QUEST girls. In the group 16-26 years of age effectiveness against pre-stages of cervical cancer has been shown previously.

At 10 years post-vaccination HPV antibodies could still be detected in almost all participants. The level of antibodies for the 4 HPV types included in the HPV vaccine in the participants receiving 2 or 3 doses of the vaccine at less than 14 years of age were comparable to the group who was vaccinated between 16 and 26 years of age with 3 doses. In addition, the antibody levels for participants who received two-doses were comparable to those who had received three-doses, except for HPV18 where it was just slightly lower. This suggests that the HPV vaccine would provide protection from infection for at least ten years, with comparable protection for both two- and three-doses during this period against HPV16/18, the types responsible for approximately 70% of all cervical cancers! The QUEST study is the first data shown globally that protection remains for at least 10 years with just 2 doses of the Quadrivalent HPV vaccine!

These results have been presented at several international research meetings; in addition the results are submitted for publication in a scientific journal.