

# DID YOU KNOW THERE'S A VACCINATION FOR HPV?

In Malaysia, cervical cancer is the second most common cancer among Malaysian women between 15 and 44 years old despite it being a preventable disease. HPV16 and HPV18 are the most common genotypes of human papilloma virus in women worldwide, and are associated with most cases of invasive cervical cancer.

Apart from cervical cancer, HPV has also been linked to cancers of the anus, vulva, penis, and oropharynx, the part of our mouths that includes the back of the tongue, tonsils, side and back walls of the throat, and soft palate.

While HPV is usually a sexually transmitted infection, both men and women who participate in unprotected sex are at risk of contracting HPV and HPV-related illnesses regardless of age.

HPV vaccine has the potential to prevent more than 90% of cancers caused by HPV.

## COMMON TYPES OF HUMAN PAPILOMA VIRUSES

- High risk HPV genotypes (associated with the development of cancer in humans): 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, and 59
- Low risk HPV genotypes (associated with non-malignant lesions, such as genital warts) : 6, 11, 40, 42, 43, 44, 54, 61, 70, 72, 73, 81 and 89

## PROPHYLACTIC HPV VACCINES AVAILABLE IN MALAYSIA

1. Cervarix® (Human papillomavirus vaccine types 16 & 18) - GlaxoSmithKline Pharmaceuticals (M) Sdn Bhd/GlaxoSmithKline Biologicals S.A., Belgium
2. Gardasil® (Human papillomavirus vaccine types 6, 11, 16 & 18) - Merck Sharp & Dohme (M) Sdn Bhd/Merck Sharp & Dohme Corpe, USA
3. Gardasil 9® (Human papillomavirus vaccine types 6, 11, 16, 18, 31, 33, 45, 52 and 58) - Merck Sharp & Dohme (M) Sdn Bhd/Merck Sharp & Dohme B.V. Netherlands

## Who and when to vaccinate?

- 9 - 45 years old FEMALE: prevention of cervical, vulvar, vaginal, anal, oropharyngeal and other head and neck cancers
- 9 - 45 years old MALE: prevention of anal, oropharyngeal and other head and neck cancers

## How many doses?

- Before 15th birthday: 2 doses ( interval between the two doses should be six months. No maximum interval between the two doses; however, an interval of no greater than 12 to 15 months is suggested )
- After 15th birthday: 3 doses (at 0, 2 and 6 months' schedule)

## Mode of Administration

The dose of HPV vaccines is 0.5mL, administered by intramuscular injections in the deltoid region.

## The only absolute contraindications to HPV vaccines are those with:

- A history of allergic reaction following a previous dose of either HPV vaccine.
- A history of allergic reaction to any vaccine component.
- The 2vHPV vaccine in prefilled syringes is contraindicated for persons with anaphylactic latex allergy.
- The 4vHPV and 9vHPV vaccines are contraindicated for persons with a history of allergic to yeast.
- Adverse events following HPV vaccination are generally non-serious and of short duration.

## HPV vaccines should not be given to:

- Those with moderate or severe acute illnesses. Wait until the illness improves before getting vaccinated.
- Pregnant women: data on the safety of HPV vaccination in pregnancy are limited, and HPV vaccination of pregnant women should be avoided.

## Adverse reaction post vaccination:

- The most common (≥10%) local and systemic adverse reactions in females were injection-site pain, swelling, erythema, and headache.
- The most common (≥10%) local and systemic reactions in males were injection-site pain, swelling, and erythema.

## OPERATING HOURS

Weekdays: 9am – 4.30pm, Lunch time: 1pm – 2pm

Weekends & Public Holidays: Closed

## Get In Touch

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