



HTA ON EXTENDING THE HPV VACCINE TO BOYS

HIQA was asked to examine if boys in their first year of secondary school should receive the HPV vaccine.

DISEASE BURDEN

1 in every 20 cancer cases in the world is due to HPV



Up to 90% of men and women encounter HPV during their lifetime.

Cancers

- cervical
- vulval
- vaginal
- anal
- penile
- oropharyngeal (throat).



538 HPV-associated cancers are diagnosed on average every year in Ireland. 1 out of 4 of these are in men

WHY BOYS?



HPV in boys can cause warts in the anus and genital areas as well as cancer of the anus, penis and throat.

Vaccination will directly protect boys and indirectly protect girls.

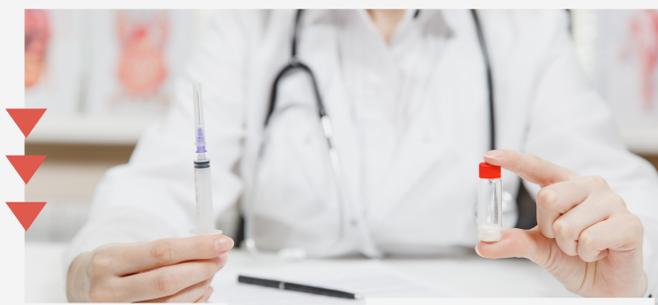
SAFETY



W.H.O. (World Health Organization) says vaccine is safe

70,000 trial participant data shows that the HPV vaccine is safe.

VACCINE TYPES



4-valent vaccine protects against 4 types of HPV. This is the current vaccine given to girls.

9-valent vaccine protects against 9 types of HPV, and is a more effective vaccine. ✓

ADDITIONAL COST

over 5 years



€870,000 to switch to the 9-valent vaccine for girls.

€11.7 million to provide the 9-valent vaccine to boys and girls.

HIQA ADVISES



The following would be an efficient use of resources:

- Change to the 9-valent vaccine.
- Extend the vaccine to include boys to provide better protection for everyone.