KARKINOS

HPV SAMPLE COLLECTION

Overview

- What is HPV?
- Pre-requisites for HPV testing
- Consumables required
- Procedure of HPV sample collection
- Dos and Don’ts in HPV sample collection

HPV

Human papilloma virus is the most common sexually transmitted infection. High risk HPV types can cause abnormal cells on the cervix, which if untreated can develop into cervical cancer



Pre-requisites for HPV sample collection

- Age group : 30-65yrs
- Informed consent
- Check the eligibility for cervical screening
- Ask about:
    - Abortion history (in the past 45 days)
    - Menstrual cycle
    - Pregnancy
    - Menopause/post-menopausal bleeding
    - Any vaginal or uterine infection
    - Underwent hysterectomy or not

Consumables required

- Speculum (Sterilized steel or disposable)
- A bowl of saline (in case the cervix has to be cleaned off mucus)
- Torch/light source
- Cyto-brush
- Sample collection vials
- Gloves
- Xylocaine gel
- Biomedical waste bags

Procedure of HPV sample collection

- Explain and take consent for the procedure
- Arrange all articles near the examination table
- Label the vial with Name and ID prior to the sample collection
- Ensure privacy
- Undress the person from the waist down or change into a hospital gown
- Make the woman lie on her back on an examination table with legs are folded at her knee and spread out(like lithotomy position)
- Wash hands and wear clean gloves
- Apply xylocaine gel over the blades of the speculum
- Carefully insert the sterilized speculum into the vagina ,move the speculum gently till you locate the cervix

Procedure (Cont..)

- Fix the speculum (tight the screw) in place when the cervix is visible
- Identify the external cervical os and insert the cyto-brush through the speculum and reach to cervical OS
- Gently rotate the brush 5 times anticlockwise
- Remove the brush
- Rinse the brush as quickly as possible by rotating the device in the solution while pushing against vial wall
- Discard the brush and secure the lid of vial
- Remove the speculum gently and let the woman know the procedure is over.
- Give reassurance and support to the woman
- Documentation

Dos and Don’ts in HPV sample collection

Dos

- Always explain and take consent
- Medical history collection prior to procedure
- Use appropriate size of speculum

Don’ts

- Don’t collect the sample while bleeding
- Do not over rotate the brush
- Don’t use broken disposable speculum



Reassurance and support

HPV collection might feel new and strange to some woman. Be reassuring and supportive. Tell the woman that she took a very important step for prevention and early detection of cervical cancer

THANK YOU



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