

Virology II HPV, Cocksackie, MMR

What is the most common sexually transmitted infection in US =HPV

HPV is a common virus that infects (2) =- teens

- adult

What cells does HPV infect (2) =- epithelial cells

- mucous membranes

HPV comes in two types of induced epithelial cell proliferation =- Benign

- Malignant

Benign HPV is in the form of =warts

Malignant HPV is in the form of (2) =cervical cancer, oropharyngeal cancer

Is HPV (DNA or RNA)

(enveloped or non-enveloped) =non-enveloped DNA

HPV encodes for how many proteins =8-10

What do HPV proteins E6 and E7 do? =induce the host cell DNA to replicate

HPV 6 and HPV 11 have a _____ risk for malignant conversion =low

HPV 16 and 18 have a _____ risk of malignant conversion =high

Note all other HPV subtypes cause benign tumors. =

Read benign HPV infections slide =

The most common HPV cancer in males is =oropharyngeal cancer

The most common HPV cancer in females is =cervical cancer

HPV positive cancers are caused by

- where are they localized =HPV 16/18 (sexually)

(HPV 16 most common)

- oropharynx

HPV negative cancers are caused by

5 year Survival rate: =- prolonged alcohol and tobacco use