

HUMAN PAPILLOMA VIRUS

Papova virus (HPV)

Types - **>150**

Sites - **Skin**
- **Mucosa**

(Oral,Genitalia,Laryngeal)

Clinical presentation

- **Cutaneous warts**

Common warts-70%(approx.)

Plantar Warts -30%

Flat warts -4%

- **Mucosal warts**

Condyloma acuminata

Verruca Vulgaris

(Common warts)

Type- 1-7, 9,

Site - Skin, trauma

Incubation -4 months

Mode -Auto inoculation/
nail biting, shaving



Clinically

- Raised, verrucous
- Papules, plaques
- Painful, tender

Sites

- Hands, feet, periungual



Extensive Lesion

- Organ Transplant
- Lymphoma
- Leukemia
- Immunosuppressants
- HIV



Sub Types

Common warts



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Verruca vulgaris



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Verruca vulgaris



Mosaic type



Filiform warts



Plantar warts (mosaic)



Genital Warts



Genital Warts



Genital Warts



DOIA

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0131-85-2727

Genital Warts



Verruca plana



Diagnosis

- **Clinical features**

- Histopathology
- Non-culturable
- PCR
- In situ DNA hybridization

TREATMENT

Cauterization

- Chemical
- Electric/Thermal
- Cryotherapy

Surgery

- Paring
- Excision
- Curettage

Keratolytics

- **Salicylic acid**
- **Lactic acid**
- **Urea**

Plantar Warts

- **Formalin 2% soaks**
- **5-FU**
- **Levamisole**
- **Bleomycin**

Genital warts

Podophyllin

- **20% (muco-cutaneous area)**

Contraindication

- **Mucosal area**
- **Pregnancy**
- **Childhood**

Imiquimod

- **Immunomodulant**

Interferons

- **Systemic**
- **Intralesional**

Molluscum Contagiosum

- Pox virus(Largest)
- I.P.2wks- 6 months



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Sites

- Trauma site
- Face, Limbs

Clinically

- Umbilicated soft p



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Diagnosis

- Molluscum bodies
- Large hyaline bodies

Treatment

- Cauterization



Viral exanthems

**Measles, Rubella, Roseola,
Inf. mononucleosis, HBV, HIV**

-Morbilliform/maculopapular rash

Dengue

-Purpuric rash

Viral exanthems

Clinically

- **Prodrome**
- **Exanthematous /enanthem rash**
- **Lymphadenopathy**
- **Systemic features**

Viral exanthems



Rubella



Measles



Enanthem



Exanthema subitum

- HHV6,7
- High grade fever
- Blanchable erythema
- Slapped cheek appearance
- Asymptomatic

