

## Viruses

*Benjamin A. Solky, MD, Jennifer L. Jones, MD, and Clare Pipkin, MD. (Updated July 2015\*)*

DISEASE	DESCRIPTION	ASSOCIATED OR CAUSATIVE VIRUS
Boston Exanthem	Mild exanthematous febrile illness with aseptic meningitis	Echovirus 16
Bowen's Disease	Squamous cell carcinoma in situ	HPV 16 & 18, mostly
Bowenoid Papulosis	Genital papules and plaques with a flat to verrucous surface	HPV 16
Giant Condylomata of Buschke and Löwenstein	Slow growing verrucous plaque	HPV 6 & 11
Butcher's Wart	Warty lesions seen in people who handle raw meat	HPV 7b
Castleman's Disease	Angiolymploid hyperplasia, usually plasmacytoid, in lymph nodes	HHV-8
Condyloma Acuminata	Genital Warts	HPV (Papovavirus-dsDNA) LOW RISK Types 6 & 11 HIGH RISK Types 16 & 18
DRESS (Drug Reaction with Eosinophilia and Systemic Symptoms) (Drug Induced Hypersensitivity Syndrome)	High fever, morbilliform rash, organ dysfunction (liver/kidney/lung/heart)	Possible role of HHV-6 in some cases
Epidermodysplasia Verruciformis (EDV)	Inherited disorder of HPV infection and cutaneous SCCs	HPV 5, 8 most common, >30 types isolated in lesions
Eruptive Pseudoangiomatosis	As per syndrome name	Echovirus 25 & 32
Erythema Infectiosum (Fifth Disease)	Slapped cheeks, reticular exanthem, anemia	Parvovirus B19
Gianotti-Crosti Syndrome	Children with sudden onset of lichenoid papules on face, extremities, and buttocks, sparing trunk	Many viral causes, hepatitis B (Europe) and EBV (U.S.) most common
Hand-Foot-and-Mouth Disease	Fever, ulcerovesicular stomatitis, acral erythematous vesicles, buttock lesions	Coxsackie Virus A-16 Enterovirus 71
Heck's Disease (Focal Epithelial Hyperplasia)	Small white and pink papules in mouth	HPV 13 & 32
Herpangina	Fever, painful ulcerations in mouth	Coxsackie Viruses (A-10)
Herpes Zoster	Unilateral, dermatomal pain, clustered vesicles	Reactivation of varicella-zoster virus
Kaposi's Sarcoma	Vascular tumor - various types	HHV-8
Kaposi's Varicelliform Eruption (Eczema Herpeticum)	Diffuse HSV ulcerations in eczematous dermatitis	HSV
Lichen Planus	Purple, polygonal, plateau-shaped, pruritic, papules	Hepatitis C Virus
Measles (Rubeola)	Viral prodrome (cough, coryza, conjunctivitis), then enanthem (Koplik spots), then maculopapular rash spreading craniocaudally	Paramyxovirus (RNA)
Milker's nodule	Red, pruritic macules, maturing into papules, papulovesicles, targetoid, change to violaceous tender nodules. Self-limited: heals in 4-8 weeks, commonly on fingers of those in contact with cattle (dairy farmers, veterinarians, meat industry)	Paravaccinia/pseudocowpox virus (poxvirus)
Molluscum Contagiosum	Umbilicated lesions common in children and HIV	Poxvirus (DNA) MCV-1 to MCV-4 MCV-1 most common MCV-2 in HIV

## Viruses

Benjamin A. Solky, MD, Jennifer L. Jones, MD, and Clare Pipkin, MD. (Updated July 2015\*)

DISEASE	DESCRIPTION	ASSOCIATED OR CAUSATIVE VIRUS
Myrmecia	Large cup-shaped palmoplantar warts	HPV 1
Oral Hairy Leukoplakia	Corrugated white plaque on lateral tongue; common in AIDS	EBV
Orf	Umbilicated nodule after farm animal exposure: sheep, goat, oxen, reindeer	Parapoxvirus
Papular/Purpuric Stocking-Glove Syndrome	As named	Parvovirus B19
Pityriasis Rosea	Herald patch followed by generalized eruption on trunk, often in "Christmas tree" distribution	Reactivation of HHV-6, HHV-7
Ridged Wart	Wart with preserved dermatoglyphics; plantar	HPV 60
Rosai-Dorfman	Sinus histiocytosis with massive lymphadenopathy	HHV-6
Roseola Infantum (Exanthum Subitum, Sixth Disease)	Infants with high fever followed by exanthem	HHV-6 & 7
Rubella (German Measles)	Viral prodrome, prominent lymphadenopathy, pain with superolateral eye movements, morbilliform rash, enanthem (Forscheimer's spots)	Togavirus (RNA)
Smallpox (Variola Major)	12 day incubation, fever and malaise, then centrifugal vesiculopustular rash	Variola (Poxvirus) (DNA)
Stucco Keratoses	White hyperkeratotic plaques on legs	HPV 23b
STAR Complex	Sore throat, arthritis, rash	Non-specific: Hep B, Parvovirus B19, Rubella
Unilateral Laterothoracic Exanthem	Morbilliform or eczematous unilateral eruption, characteristically of the flank, in childhood	EBV, HBV, Echovirus 6
Varicella (Chickenpox)	Primary infection—contagious exanthema—face, scalp spreads toward trunk and extremities; clustered rose-colored macules, papules, vesicles, lesions of all stages	Varicella-Zoster Virus (herpesvirus)
Verruca Plana	Flat warts	HPV 3
Verruca Plantaris	Plantar warts	HPV 1 most common
Verruca Vulgaris	Common warts	HPV 2 most common

\*Reviewed & updated July 2015: Alina Goldenberg, MD, Emily deGolian, MD, Elise Herro, MD, and Sharon Jacob, MD.