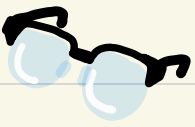




Viral exanthems of childhood caused by DNA viruses:



	Erythema infectiosum (fifth disease)	Roseola infantum (exanthema subitum or sixth disease)	Chickenpox (varicella)
Caused by	parvovirus B19	primary human herpes viruses 6 or 7 infection	primary varicella zoster virus (VZV) infection
	single stranded DNA non-enveloped virus	double stranded DNA enveloped viruses	double stranded DNA enveloped viruses
		that establish latency in various cell types without significantly known consequences of reactivation	that establish latency in <u>dorsal root ganglia</u> -
Transmitted by	respiratory secretions	respiratory secretions	respiratory secretions
Characterized by	<u>fever</u> and <u>slapped cheek rash</u>	<u>high-grade fever</u> and <u>pink rose-like rash</u>	<u>fever</u> and <u>very itchy rash</u>
Diagnosis	serology (IgM anti-parvovirus B19) or by real-time PCR	real-time PCR	serology (IgM anti-VZV) or by real-time PCR
Treatment	supportive, the disease is self-limited	supportive, the disease is self-limited	supportive, the disease is self-limited with few complications (pneumonia, meningitis)
vaccine	<u>No human vaccine</u> is currently available	<u>No human vaccine</u> is currently available	Live attenuated human vaccine is currently available

Done by : Mohammad Smadi