

	Etiology	Transmission	Incubation	Communicability and prodrome	Rash and its distribution	Treatment and Complications
Erythema Infectiosum (Fifth dz)	Parvovirus B19	Mother to baby Resp secretions Percutaneous exp	4-28 days	Contagious until rash appears Mild fever, myalgia, HA, URI and malaise	Lacy maculopapular mace SLAPPED CHEEKS from head to trunk/arms/thighs/buttocks	Supportive care Arthritis, chronic infxn, aplastic crisis, myocarditis and fetal death
Hand, Foot, Mouth Dz	Coxsackievirus	Fecal-oral	3-6 days	Shed several weeks after infection Fever	Vesicular eruption on buccal mucosa and maculopapular rash on hands/feet for 1-2 weeks	Supportive care None
Herpangina	Coxsackievirus A	Fecal-oral from ages 3-10 YO	3-6 days	Shed several weeks after infection HIGH FEVER, anorexia, sore throat and dysphagia	Ulcers and sores in the mouth and pharynx -> hands, feet and buttocks	Supportive care and rule out strep throat None
Lyme dz	Borrelia burgdorferi from a spirochete	Nymph stage of a tick	1-55 days	Not contagious HA, myalgia, dizziness, fever, insomnia and poor balance	Erythema migrans bullseye rash. Dx with Western blot	Doxycycline for 1 month. Amox or ceftin if < 9 YO Arthritis
RMSF	Rickettsia rickettsia	Spotted tick (wood or dog tick)	5-7 days	Not contagious HIGH FEVER No meningeal irritation GI pn, myalgia and malaise	Discrete maculopapular rash that blanches. Palms and soles -> centrally	Tetracycline/doxy Brain damage, clotting problems, kidney/heart/lung failure
Cat Scratch Dz	Bartonella henselae	Bitten or scratched by a cat	7-12 days	Not contagious LN following bite that's unilateral, fever, HA fatigue and anorexia	None	Usually self limiting May use Zithromax or biaxin Small % turns systemic

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Varicella (Chicken pox)	Varicella zoster virus	Direct contact Droplet	14-21 days	1 day prior to eruption slight fever, malaise and anorexia for a day	Macule -> papule -> vesicle that are pruritic Trunk -> face and prox extremities	Antivirals, antihistamines, calamine and mitten hands Secondary bac infxn, encephalitis, pneumonia or pyoderma
Roseola (6 th dz)	Herpesvirus type 6 (HHV 6)	Oral/nasal/ conjunctival routes	9-10 days	None HIGH fever and irritability BEFORE rash	Rose macules/papules that are lacy and not pruritic Trunk -> neck/face /extremities	Supportive care NONE
Rubeola (Measles)	Morbillivirus (paramyxoviridae family)	Resp secretions Blood or urine	8-12 days	1-2 days before sx - 4 days post rash URI, fever, photophobia 3 c's: coryza, cough and conjunctivitis Koplik spots 12-15 hrs before rash	Maculopapule rash that enlarges -> coalesces -> move down Behind ears and forehead. Moves downward	Supportive care (fluids and feeding) DIC, encephalitis and other neuro complications
Rubella (German measles)	Robivirus	Nasopharyngeal secretions or transplacental	14-21 days	7 days before rash - 7-8 days after rash LN 1 day prior, low fever and splenomegaly	Enanthem (Forschleimer spots) on soft palate Discrete maculopapules on face and moves downward	Supportive ITP, arthritis and possible teratogenicity to a fetus
Mumps	Paramyxovirus	Saliva of infected individuals	14-21 days	1 day before with glandular swelling fever, HA and malaise Parotitis on day 3	None	Supportive care (bedrest and scrotal elevation) Orchitis, sterility, hearing loss, mening, pancreatitis and possible oophritis