|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prevention** | **Treatment**  Done by : Noor Daher Alhijjaj ☺ | **Notes** | **Symptoms** | **Cause**  **Exanthems** | **Disease** |
| MMR vaccine  1st at 12 m  2nd at 18 m | Supportive ,  hydration , antipyretics , IV ribavirin in severe | Koplik spot >> pathognomonic ,  RS complications common | cough, coryza , fever ,conjunctivitis , rash | Paramyxovirus | **1-Measles (rubeola)** |
| MMR vaccine | Supportive ,  Paracetamol for symptoms | Forchheimer's sign , lymphadenopathy , fetus may have microcephaly | Cojunctivities , rash  Low grade fever, swollen glands | Rubella virus (Togavirus) | **2-Rubella (german measles )** |
| Benzyl penicillin monthly to prevent RF | Penicillin .  Throat culture “gold standard for Dx | peeling of finger , circumoral pallor, strawberry tongue, Pastia lines worse in the skin folds | sore throat, nausea, vomiting, abdominal pain, myalgias , rash (scarlatina) | Group A streptococcal | **3-Scarlet fever** |
|  | Antibiotics only if individual develops an infection from the blisters | simultaneous presence of lesions in different stages , central distribution , fetus may have microcephaly | pruritic erythematous rash , Fever, malaise, anorexia , Varicella lesions (scalp and face) | varicella-zoster virus | **4-Chickenpox** |
|  | Rash is self-resolving , but may exacerbate from heat or sunlight | slapped-cheek and lacy exanthema  biphasic | Headache 20% ,Fever , sore throat , coryza ,abdominal pain , pruritis , | human parvovirus (HPV) B19 | **5-Erythema infectiosum (fifth disease)** |
| Isolation of pt is unnecessary | no medication ,complete recovery without sequelae | major Morbidity is seizures,  Most cases in first 2 years of life (peak 9m-2y) | high fever followed by rash (start on trunk) , Nonpruritic , blanch | HHV-6 (Herpesviridae) | **6-Roseola infantum** |
|  | supportive and symptomatic , adequate fluid intake, Antipyretics , Topical anesthetics , Antihistamines | spreads through coughing, sneezing, and used diapers , in summer , Fecal-oral route or viremia or invasion of skin . | fever, painful mouth sores , non-itchy rash with blisters ,Malaise,  Fever | Coxsackievirus A16 (mostly) & Enterovirus 71 | **7-Hand foot mouth disease** |