

shape
 color
 sit
 painful?
 itchy?
 burning
 associated?
 derma
 syst.
 Healing?
 Complication?

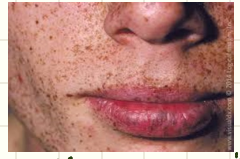
1ry Skin Lesions

اللون ::
Color

Flat

< 1cm

macule



well circumscribed

> 1cm

patch



Elevation

Fluid موائية

Fluid collection

< 1cm

vesicle



> 1cm

bullae

Pus

pustule

Solid

≤ 1cm

papule.



≥ 1cm

nodule



Wheal

transient smooth papule or plaque



Petechiae

flat bleeding under skin
 < 2mm don't discolor on pressing.



Purpura.

red, pink, purple patches
 > 2mm also under m.m

إذا كانت مسطحة ودموية Plaque



> 1cm
 flat topped lesion.

rubella = **Measles** الحصبة

German / 3rd **Rubella**

Chicken pox الجدري

kg1 → virus

diagnosed Clinically. (para)
3Cs ⇒ cough coryza (runny nose) conjunctivitis

VitA 5 days ↓ symptoms
↓ early comp.
↓ rate of severe comp.

Comp → pneumonia
- Giant cell pneumonia
- super infection Staph
- SSPE Significantly
- measles
- German measles
- vaccine

Measles
First disease, morbilli

Pathogen
Paramyxovirus **ssRNA**

Course
Improvement of exanthem with fine desquamation after 4-5 days

Complications
Subacute sclerosing panencephalitis (SSPE)
Measles encephalitis

Treatment
Symptomatic

Vaccine
Yes

Course of disease

Incubation period	14 days
Contagious period	4 days 4 days
Exposure	Onset of exanthem

Further symptoms

- Reduced general condition
- High fever (biphasic)
- Barking cough

3rd Rubella
Third disease, German measles

Pathogen
Rubella virus **ssRNA**

Course
Exanthem that resolves within 3 days

Complications
Arthritis
Encephalitis
Thrombocytopenic purpura
Congenital rubella syndrome

Treatment
Symptomatic

Vaccine
Yes

Course of disease

Incubation period	14-21 days
Contagious period	7 days 7 days
Exposure	Onset of exanthem

Further symptoms

- General condition
- Mild fever

Chicken pox
Varicella

Pathogen
Varicella-zoster virus **VZV dsDNA**

Course
Widespread vesicular rash with lesions beginning as macules and rapidly becoming papules
Simultaneous occurrence of various rash stages
Remission of exanthem after 8 days

Complications
Bacterial superinfection
Meningitis, acute cerebellar ataxia, encephalitis
Herpes zoster (Shingles) from virus reactivation
Congenital varicella syndrome

Treatment
Symptomatic

Vaccine
Yes

Course of disease

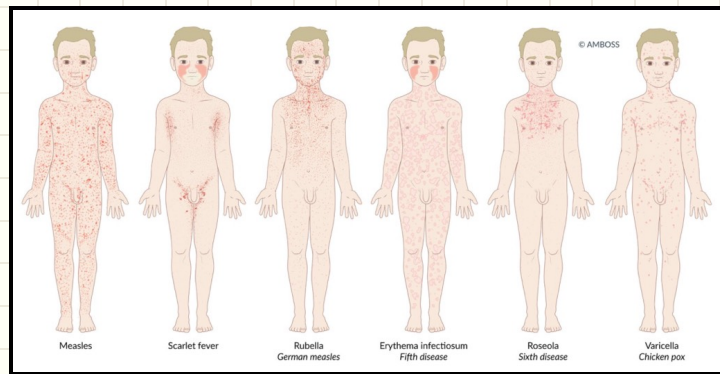
Incubation period	10-21 days
Contagious period	2 days 5 days
Exposure	Onset of exanthem

Further symptoms

- Slightly reduced general condition
- Mild fever
- Severe pruritus
- Headache, muscle and joint pain

highly contagious
airborne
viremia → latent phase
If the mother has Chicken Pox in the last week of pregnancy or one week after delivery
Neonatal Chicken Pox
✓ Ig
Phocomelia? + other symptoms eye brain GI ...

Exanthematous Diseases



Scarlet fever

Scarlet fever
Second disease, scarlatina

Pathogen
Group A (beta-hemolytic) streptococcus (exotoxins)

Course
Prodrome includes fever and symptoms of tonsillitis
Rash manifests 12-48 hours after fever onset, with fine, erythematous, sandpaper-like texture, beginning on the neck or trunk and spreads rapidly across the body (except for the palms and soles)
Desquamation begins 7-10 days after rash resolves

Complications
Acute rheumatic fever
Poststreptococcal glomerulonephritis

Treatment
Antibiotics (e.g., penicillin)

Vaccine
None

Course of disease

Incubation period	2-5 days
Contagious period	12-24 hours
Exposure	Onset of exanthem

Further symptoms

- Reduced general condition
- High fever
- Abdominal pain
- Nausea

Erythema infectiosum

Erythema infectiosum
Fifth disease, fifth disease

Pathogen
Parvovirus B19 **ssDNA**

Course
Exanthem (not always present)
Alternating fading and recurrence possible for months

Complications
Parvovirus B19-associated arthritis
Aplastic crisis
Hydrops fetalis

Treatment
Symptomatic

Vaccine
None

Course of disease

Incubation period	14-21 days
Contagious period	1-2 days
Exposure	Onset of exanthem

Further symptoms

- Good general condition
- Mild fever

IF healthy → benign
hemolytic anemia
↓
aplastic crisis
(Pancytopenia / lethargy / malaise / headache / GI / RS)
during pregnancy
↓
hydrops fetalis
fetal anemia.
spread ⇒ RS secretions vertical.

Roseola infantum

Roseola infantum
Sixth disease, exanthem subitum

Pathogen
Human herpesvirus 6 and 7 (HHV-6, HHV-7)

Course
Symptoms resolve within hours to max. 3 days

Complications
Febrile seizures
Encephalitis

Treatment
Symptomatic

Vaccine
None

Course of disease

Incubation period	5-15 days
Contagious period	Unknown
Exposure	Onset of exanthem

Further symptoms

- Good general condition
- High fever for three days before onset of exanthem
- Cough
- Rhinorrhea
- Abdominal pain

HHV 6 / 7 rare.
ds DNA
5-15
A MC (post nabel)
B
6 months - 2 years ← age.
Infection results in immunity.

- 3 days high grade fever
- bulging ant. fontanelle
- main cause of febrile seizure.
Simple.
- Normal CNS.