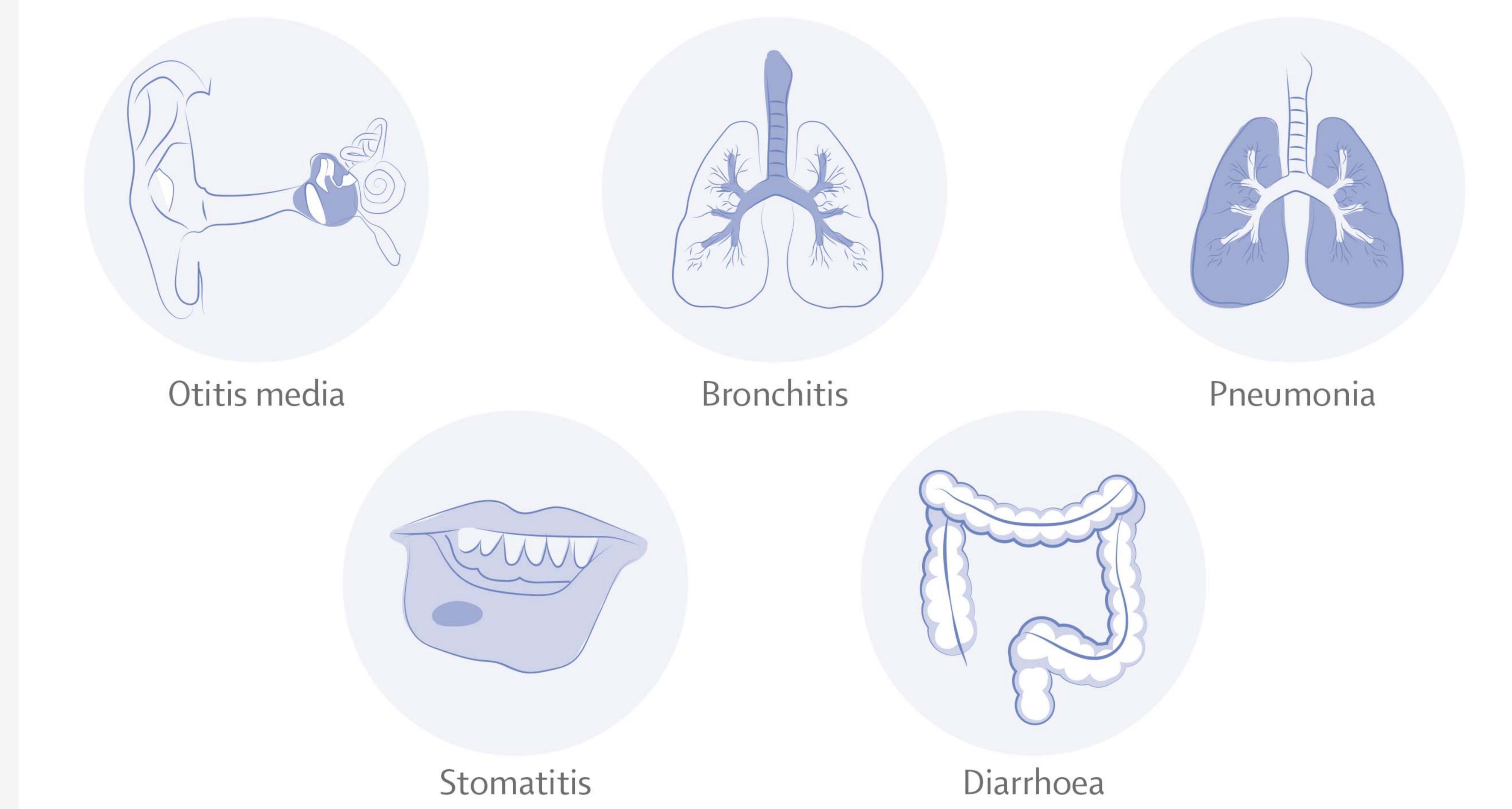
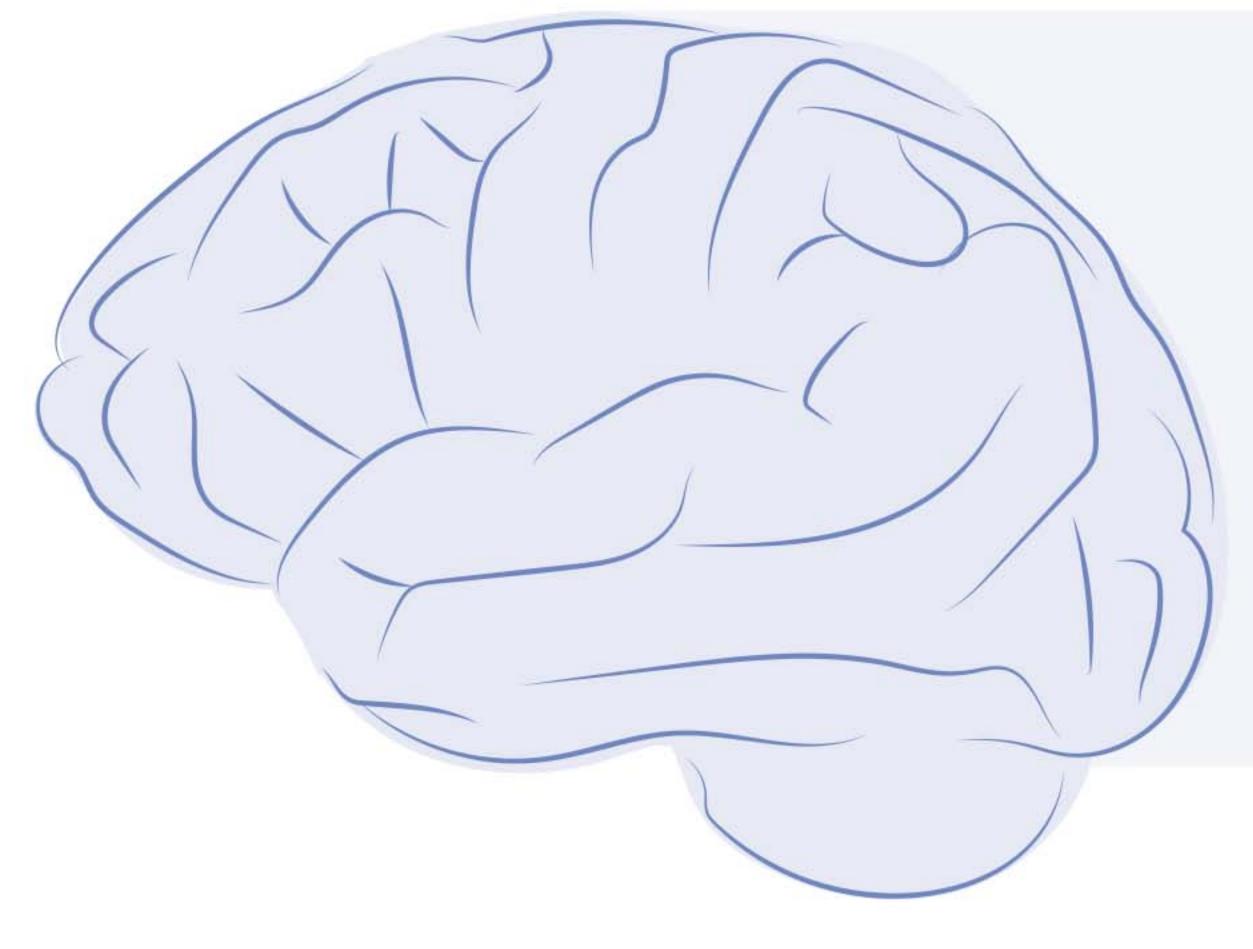
Complications

Common complications

Complications in measles are frequently caused by secondary infections.

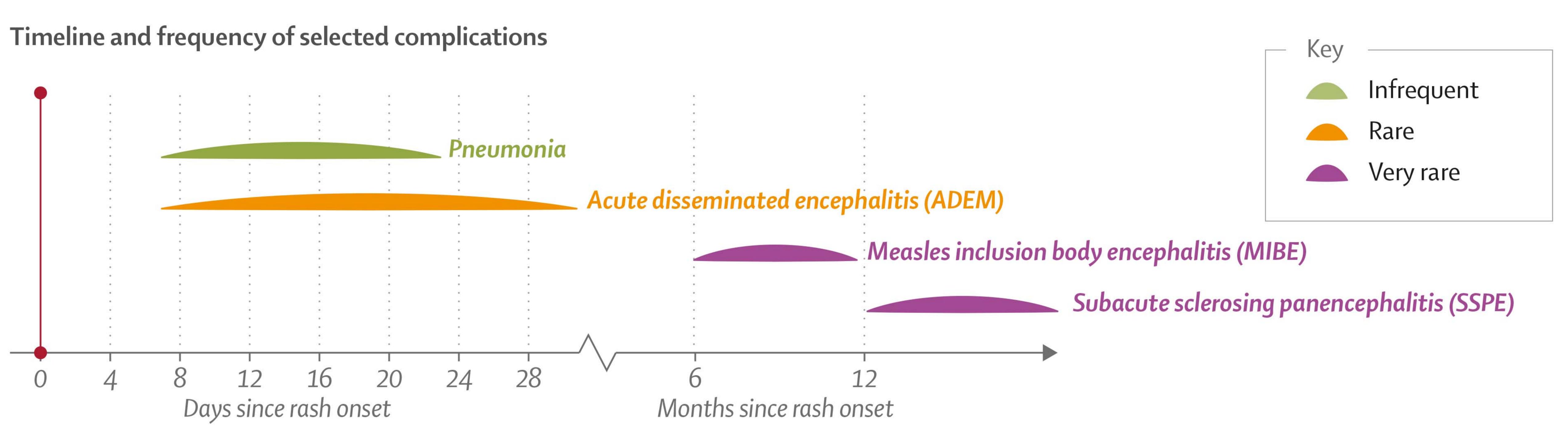


Individuals at high risk Children under 5 years Adults above 20 years Malnourished people Pregnant women Immunocompromised people

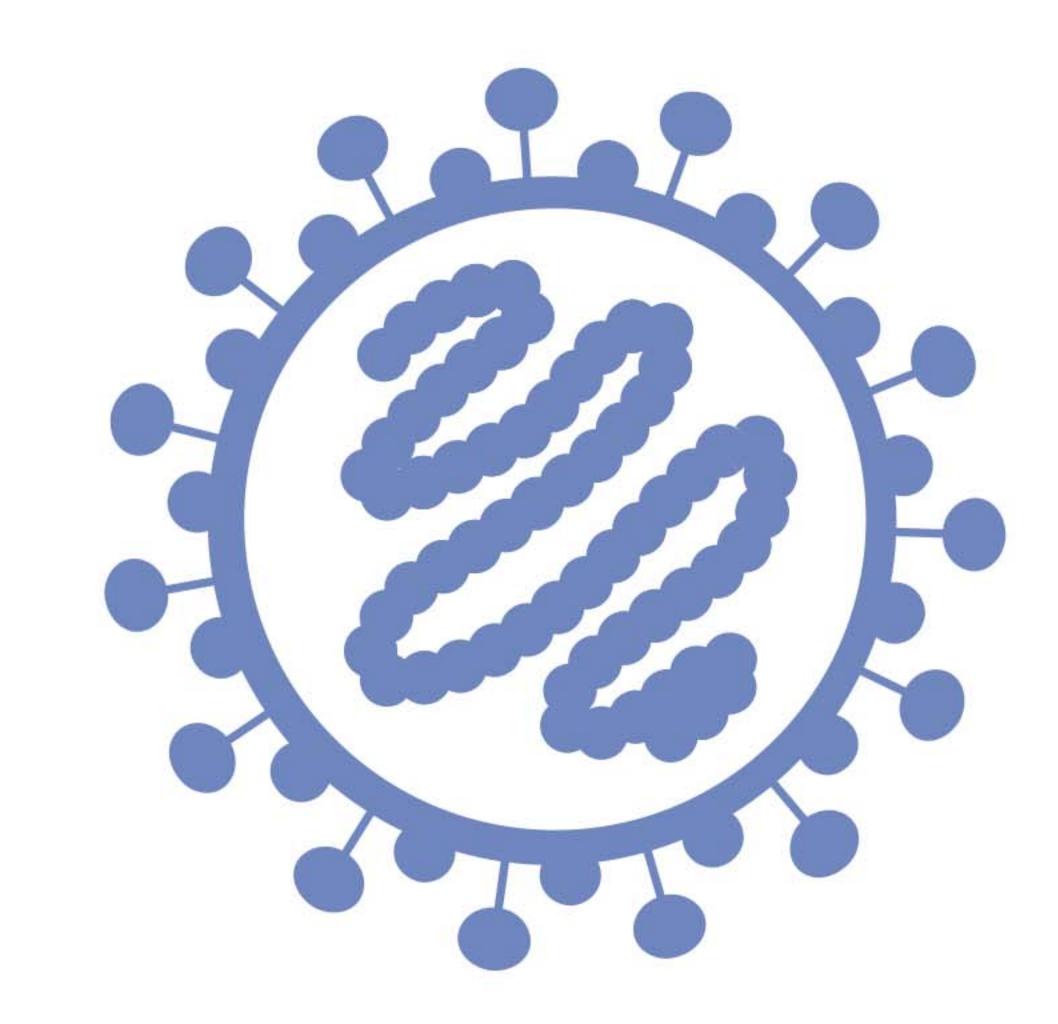


Severe neurological complications

- Acute disseminated encephalitis (ADEM)
- Measles inclusion body encephalitis (MIBE) Seen in immunocompromised patients
- Subacute sclerosing panencephalitis (SSPE)



Vaccination

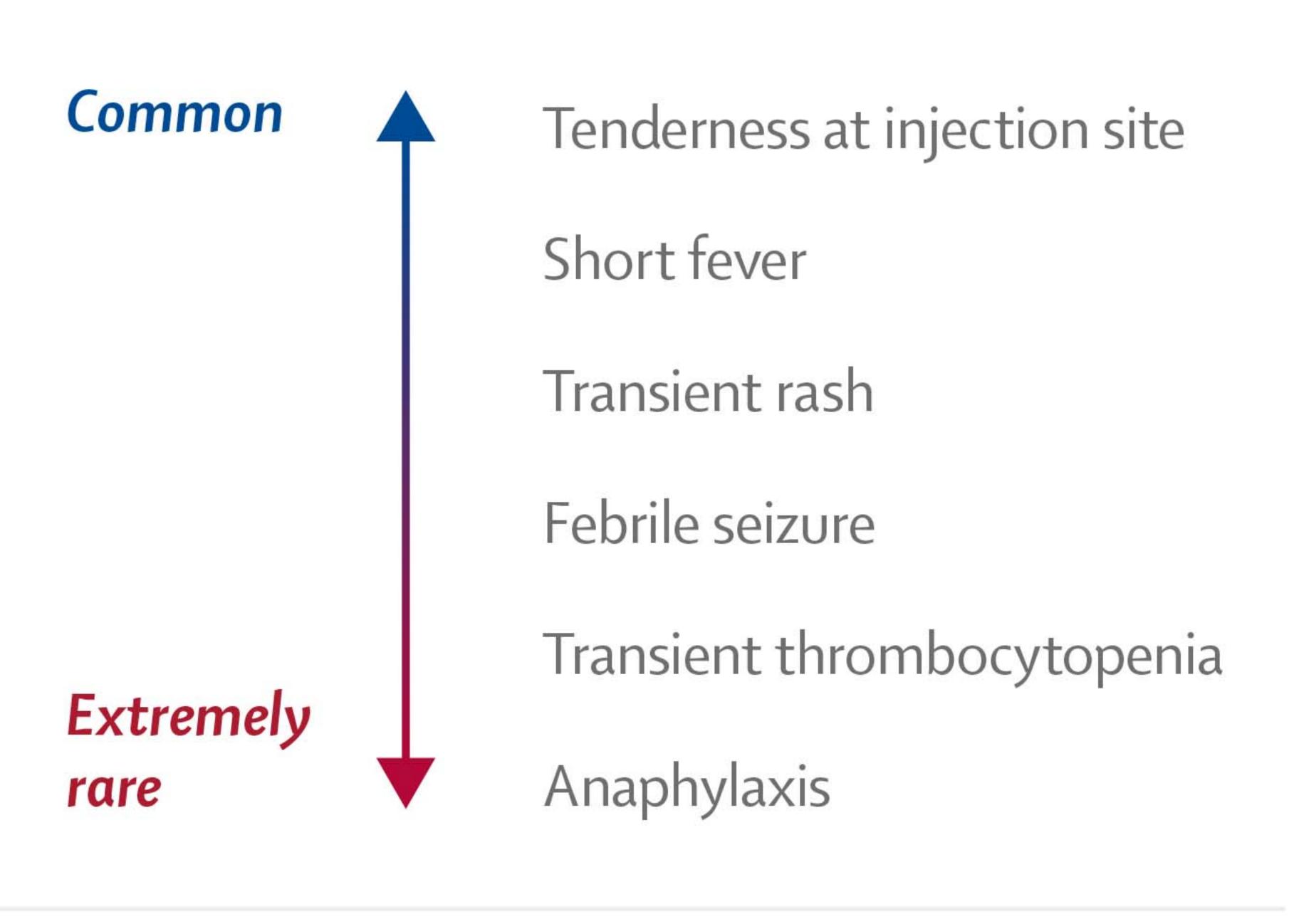


Vaccine composition

The measles vaccine contains a live attenuated virus that stimulates a protective immune response.

Side-effects

Vaccination side-effects are generally mild and pose significantly less risk than wild-type infection.



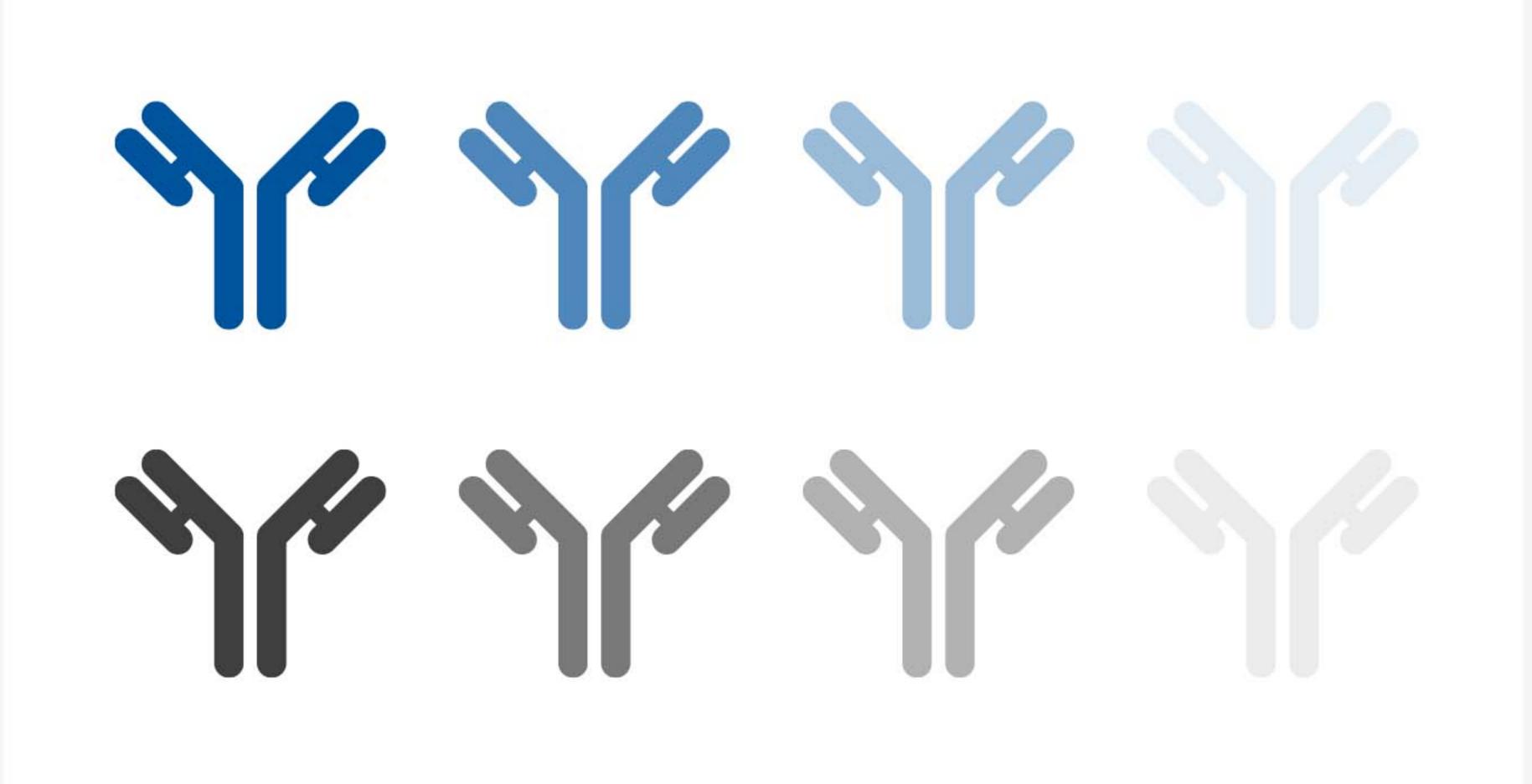
Contraindications

- Severe allergic reaction after a previous dose of measles vaccine or to a vaccine component
- Severe immunosuppression
- Pregnancy

Immunity amnesia

Recent work suggests that measles infection is associated with an altered composition of lymphocyte populations and immunity amnesia. This reduction in immune memory may last months or even years and puts patients at high and long-term risk of other infections.

Vaccination prevents loss of immune memory.



Read the full seminar: thelancet.com/clinical/diseases/measles

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