



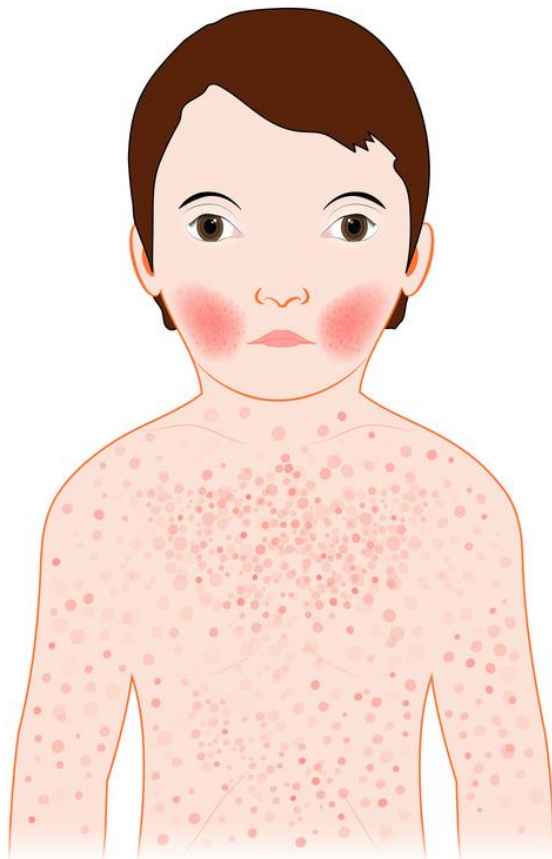
PARVOVIRUS B19: SCIENCE

News: *The US centres for Disease Control and Prevention (CDC) recently issued a healthy advisory due to concerning rise in cases of parvovirus B19.*

What's in the news?

- Parvovirus B19 is a widely spread illness, particularly affecting individuals with compromised immune systems.
- Often referred to as “slapped cheek” syndrome due to the distinctive redness it causes on the cheeks.
- Known historically as ‘Fifth disease’, it ranks fifth among common rash-associated childhood diseases.

Slapped cheek syndrome (fifth disease)



Parvovirus B19



SIGNS AND SYMPTOMS

- A red rash cheeks
- A spotty rash may appear on the chest, arms and legs

Transmission Methods:



PL RAJ IAS & IPS ACADEMY

MAKING YOU SERVE THE NATION

- The virus is primarily transmitted through airborne droplets expelled when an infected individual coughs or sneezes.
- It can also spread through blood or blood-contaminated products.
- Infected pregnant individuals can transmit the virus to the fetus via the placenta.

Potential Complications:

- **Children:** Typically mild in children, requiring minimal treatment.
- **Adults:** The infection can escalate into serious conditions in adults, particularly pregnant women, potentially leading to severe fetal health issues.
- **Immune-compromised Individuals:** More severe in those with certain types of anemia or compromised immune systems.

Symptoms of Parvovirus B19:

- Many individuals show no initial symptoms.
- Symptoms vary significantly based on the age at infection onset.
- Includes the 'slapped cheek' rash in children and joint pains in adults.

Treatment Approaches:

- Infections typically resolve without intervention.
- **Symptomatic Relief:** Treatment focuses on alleviating symptoms like fever, itching, and joint discomfort.

Source: <https://www.timesnownews.com/health/what-is-parvovirus-b19-the-highly-contagious-virus-the-cdc-has-warned-about-article-112638746>