

## Chikungunya rash

A one year old boy was brought for blackish discoloration of toes following high grade fever for 3 days. On examination, a grayish black macular rash was seen over the legs and trunk. All the toes were looking black simulating gangrene (**Fig.1**). However the distal pulses in the feet and capillary filling time over the toes were normal. He was alert, afebrile and other systemic examination was normal. As his mother also had fever with similar rash over her body concurrently, Chikungunya infection was considered and the same was confirmed by a positive PCR for Chikungunya RNA in his plasma. After two weeks, the rash disappeared following desquamation.

Gangrene of the digits can occur with obstruction of vascular supply, infections like chicken pox and immune-mediated conditions like Systemic Lupus Erythematosus and Polyarteritis nodosa. Purpura fulminans due to severe septicemia or deficiency of protein C and S can also cause the same. Acrocyanosis or blackish discoloration of digits may occur after prolonged exposure to cold. Hyperpigmentation and desquamation may also be noted in post measles state.

**B Adhisivam,**  
*Assistant Professor of Pediatrics,  
Jawaharlal Institute of Post graduate Medical*



**FIG. 1** Toes looking black simulating gangrene.

*Education and Research (JIPMER),  
Pondicherry  
605 006, India.  
Email.adhisivam1975@yahoo.co.uk*