Acute generalized exanthematous pustulosis following intramuscular injection of algin in a young child

Liu Bibo  (Department of Pharmacy, Dongguan People’s Hospital, Dongguan 523018, Guangdong Province, China)

ABSTRACT  A girl, aged 2 years and 8 months, received IM algin (dosage not stated) for upper respiratory infection. Approximately 6 hours later, she developed scarlatiniform erythema. Despite treatment with dexamethasone and chlorphenamine, her symptoms did not resolve. An examination showed mild swelling of left submaxillary and retroauricular lymph node, generalized erythema with pustules. Her WBC was 17 × 10^9/L and her N was 0.856. After treatment with dexamethasone, calcium gluconate, chlorpheniramine, and azithromycin for 3 days, her erythemas resolved and pustules obviously diminished. Six days later, she recovered. Tracing her previous history, the girl had developed scarlatiniform erythema following taking algin 4 months before.

KEY WORDS  algin; acute generalized exanthematous pustulosis