CASE REPORT

MEASLES-MUMPS-RUBElla VACCINATION INDUCED THROMBOCYTOPENIA: A CASE REPORT AND REVIEW OF THE LITERATURE

Somchai Owatanapanich1, Nasamon Wanlapakorn2, Ratsamee Tangsiri1 and Yong Poovorawan2

1Department of Pediatrics, King Narai Hospital, Lop Buri; 2Center of Excellence in Clinical Virology, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

Abstract. Immune thrombocytopenia (ITP) is a disease with autoimmune destruction of platelets. ITP among children has been associated with viral infections and some vaccinations. We report a case of ITP after measles-mumps-rubella (MMR) vaccination in a 10-month-old male infant who presented with purpura and acute gastrointestinal bleeding. This case was successfully treated with corticosteroids and intravenous immunoglobulin. ITP is a rare complication of the MMR vaccine that physicians should be aware of.

Keywords: measles-mumps-rubella, immunity, thrombocytopenia