ORAL PRESENTATIONS 3

OP3.4

SAFETY OF MMR VACCINATION. IS ADMISSION NECESSARY?

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There has been long standing concern about the safety of measles-mumps-rubella(MMR) vaccine in children with history of egg allergy. We audited our experience in vaccinating such children in our hospital over a year period. Referrals were from nearby health clinics in Gombak area. There were in total 33 patients admitted to paediatric ward from Jan 2009 till December 2009. Patients were observed for 2 hours with hourly vital signs monitoring following MMR (Priorix) vaccination prior to discharge. None developed rash, swelling or anaphylactic reactions following injection. Similar experiences were encountered from other hospitals locally whereby no patients had developed any cardiopulmonary reactions after MMR vaccination. Clinical evidences and published guidelines on the risk of anaphylactic reaction and complications after MMR vaccine is reviewed. A revised approach for the vaccination of children with history of egg allergy is proposed. Local Committee in Infection and Immunization need to address this issue earliest possible and safety profile of this vaccine need to be disseminated to primary care givers.