

Vaccination effectiveness within the Lao National Expanded Program of Immunisation in provinces of Bolikhamxay, Vientiane and Khammouan

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Activities and prospective

In order to analyse the effectiveness of the routine childhood vaccines we have initiated a study in collaboration with Lux Development to determine the antibody level among vaccinated Lao infants. In total, approximately 1000 child-mother pairs have been recruited from the provinces of Boulhikhamxay, Khammouan and Vientiane. Levels of antibodies specific for several vaccine-preventable diseases will be assessed including hepatitis B, diphtheria, tetanus, measles and rubella. Serological data from the children will be analysed in relation to vaccination status, maternal immune status, nutritional status and parasite load.

