

SEATO CLINICAL RESEARCH STUDY ON GROWTH AND DEVELOPMENT

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Principal Investigator: Major Chitti Palavatana, MC, RTA

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GENERAL INFORMATION

To our knowledge, there has been practically no documented information available regarding normal Growth and Development in Thais. Thailand is different in many aspects from Europe and America, for instance climate, dietary habits of the people and culture. Rice is the main staple food in Thai diet and milk intake is practically nil among Thais. In general, Thai people are smaller than Caucasians. It is mandatory that this type of information be obtained so that valid observations on states of metabolic and nutritional abnormality may be made.

## STUDY REPORTS

1. Title: Radiologic Study of the Development of Ossification Centers in the Extremities and Bone Age In Thais

Principal Investigators: Major Chitti Palavatana, MC, RTA,

Associate Investigators: Chaiyan Kampanart-Sanyakorn, M.D.  
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OBJECTIVE: To determine bone age standards for normal Thais.

METHODS: Subjects have been obtained from the well-baby clinics of Children's Hospital, Pra Mongkut Klao Hospital and from selected schools in Bangkok. Only subjects who are at least seven-eighths Thai and are healthy are included in the study. Ages range from newborn to 19 years. Multiple views of 1/2 of the total body are studied in infants and children 6 years old and under. The ossification centers are counted. AP views of both hands and wrists are studied in all age groups.

PROGRESS: Thus far, a total of 262 subjects have been studied. No conclusion can be drawn at present time.