

ANNUAL PROGRESS REPORT

SEATO CRC Study No. 2
Project No. 3A 025601 A 811
Task 01:
Subtask 01:
Reporting Installation:
Period Covered by Report:
Principal Investigator:
Associate Investigators:
Report Control Symbol:
Security Classification:

Survey: Incidence and Etiology of Anemia in Thailand
Military Medical Research Program
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SEASIA (Thailand)
U.S. Army--SEATO Medical Research
Laboratory, APO 146, San Francisco,
California
Division of Clinical Research
Department of Medical Studies
15 February 1964 to 31 March 1964
Ray A. Olsson, Major, MC
Phairot Thirayothin, Lt. Colonel (MC) RTA*
Prasertsri Sitachitt, Ph.D.
Serene Lochaya, Ph.D.
Amelia Donesa Phalakornkul, M.D.
Savitri Kasemsri, M.D.
MEDDH-288
UNCLASSIFIED

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BODY OF REPORT

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Objective:

This survey will attempt to estimate the prevalence and etiology of anemias in Thailand.

Methods:

Approximately 250 persons from each of the four geographic areas of Thailand, northern (Chiengmai), northeastern (Ubol), central (Bangkok) and southern (Songkhla) will be examined for the presence of icterus, lymphadenopathy, and splenomegaly. Blood specimens will be obtained for the following: erythrocyte morphology, hemoglobin, hematocrit, serum iron and iron-binding capacity, erythrocyte glucose - 6-phosphate dehydrogenase (spectrophotometric method measuring TPN reduction), serum folic acid and vitamin B levels, and hemoglobin type.

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Progress:

About 250 subjects in the Bangkok area have been examined since this survey began in mid-February. Specimens are being stored in the deep freeze pending the arrival of equipment and reagents.

Conclusion

No conclusions are possible at this early stage of the project