

Thesis Title The Distribution Study of Leprosy and ABO Blood Grouping in Songkhla Province

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### Abstract

The objective of this study was to compare the distribution and association of Leprosy typing and ABO blood grouping. The samples was 156 cases which collected from leprosy patient who registered and treated at Leprosy Control Zonal Center 12 Songkhla province, from May to December 1989. The subjects were interviewed and blood group were checked.

The result of this study showed.

1. There is significant different distribution in blood group O and B ( $p$ -value = 0.021). But there is no significant different distribution between leprosy group and ABO blood group ( $p$ -value = 0.0504).

2. There is no significant different distribution between type of leprosy and ABO blood group (A and B  $p$ -value = 0.500, A and O  $p$ -value = 0.686, A and AB  $p$ -value = 0.773, B and O  $p$ -value = 0.464 B and AB  $p$ -value = 0.848, O and AB  $p$ -value = 0.765).

3. There is significant different distribution between type of leprosy and leprosy group (p-value = 0.017).

4. There is significant association in genotype OO and BO (p-value = 0.0116). But there is no significant association between leprosy group and genotype of ABO blood group.