

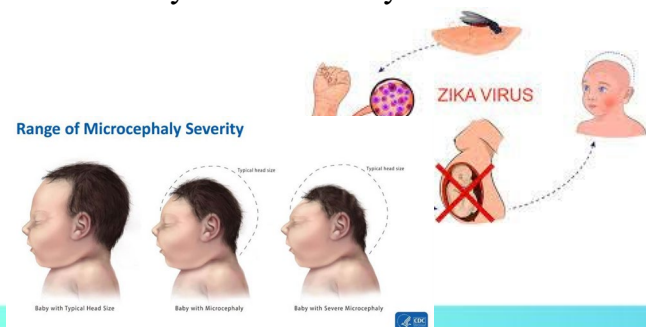
A DEVELOPMENT HEALTH LITERACY OF ZIKA SCALE FOR THE REPRODUCTIVE AGE WOMEN IN UPPER CENTAL REGION THAILAND

Presenter: Samran Siriphakhamongkhon
Corresponding email : siriphakha@gmail.com

INTRODUCTION

Zika virus :

- Transmitted to humans through the bites of infected mosquitoes (*Aedes. aegypti* & *Aedes. albopictus*).
- The same spread dengue viruses and chikungunya viruses, commonly found in both urban and rural settings.
- In the first trimester of gestation is fetal structural brain abnormalities and microcephaly.
- No effective vaccine prevention
- No treatment or cure for a child with microcephaly.
- Preventing disease by building health literacy is the best way



AIM:

- To develop the health literacy of Zika scales for the reproductive-age women.
- To construct the norm of health literacy of Zika.

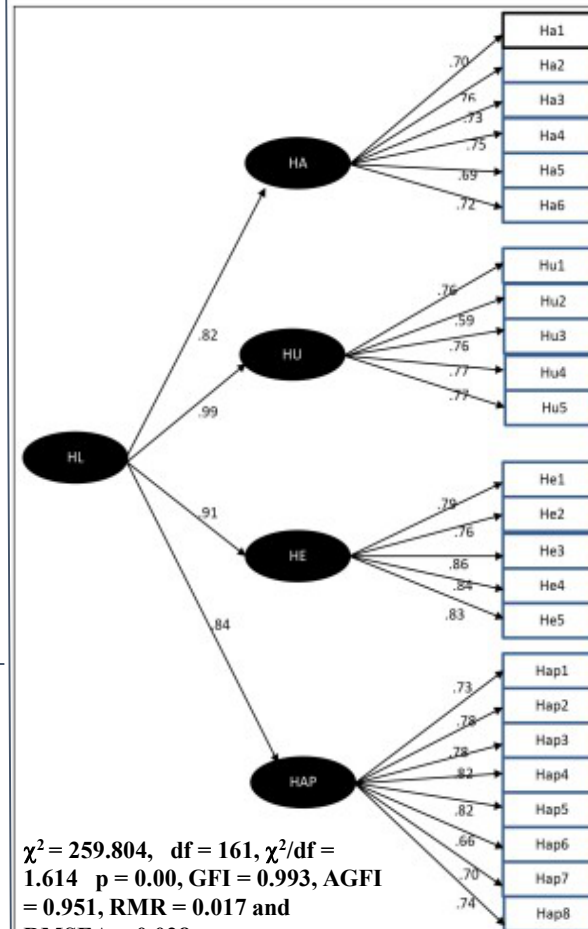
METHODS:

- The cross - sectional analytic study selected 778 female aged 18 - 49 years by 3 stage random sampling.
- The data were collected by questionnaires.
- The latent variables consisted of
 - 1) Access Health Information: HA
 - 2) Understand Health Information: HU
 - 3) Appraisal of Health Information: HE
 - 4) Application and Use of Health Information: HAP
- The 2nd order confirmatory factors were analyzed with AMOS.

ACKNOWLEDGE

We would like to first say a very big thank you to the Division of Communicable Diseases, Department of Disease Control, MOPH for the funding received towards a poster presentation in the JTMM 2021. Thanks to Dr. Direk Khampaen; Director of Office of Diseases Prevention Control, 3 for his encouragement.

RESULTS



$\chi^2 = 259.804$, $df = 161$, $\chi^2/df = 1.614$ $p = 0.00$, $GFI = 0.993$, $AGFI = 0.951$, $RMR = 0.017$ and $RMSEA = 0.028$

t-score norms

| Area | min | max | S.D. |
|-------|------|------|-------|
| rural | 11.8 | 78.9 | 13.12 |
| urban | 30.8 | 73.3 | 13.67 |

- The health literacy of Zika scales constructed four dimensions were factors loading score among 0.59-0.99.
- The health literacy of Zika scales constructed 25 items were: IOC among 0.8 -1.0 and alpha coefficient = 0.96

Conclusion

The result from this study, in order to solving the problem of prevention and improving health literacy among the reproductive age women in upper central region Thailand