

## **Abstract**

### **BIOPSYCHOSOCIAL AND SPIRITUAL FACTORS OF HYPERVENTILATION UNCONTROL MUSCLE CONTRACTION AND NEAR SYNCOPE OF PARTICIPANTS IN CEREMONY CONSULE OF A HIGH EDUCATION INSTITUTE**

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The purpose of this study were

- (1) To study biopsychosocial and spiritual factors of hyperventilation uncontrolled muscle contraction and near syncope of participants in ceremony console of a high education institute
- (2) To determine the association of psychological factor with hyperventilation uncontrolled muscle contraction and near syncope of participants in ceremony console of a high education institute
- (3) to explore whether gender and faculty were associated with hyperventilation uncontrolled muscle contraction and near syncope of participants in ceremony console of a high education institute
- (4) To conduct mental health examination and psychological first aid in participants in ceremony console of a high education institute

A total of 257 first-year university student without and with of hyperventilation uncontrolled muscle contraction and near syncope participated in the study. 30 (11.70%) participants with symptom and 227 (88.30%) participants without symptom of the total composed of 98 (38.1%) male participant and 159 (61.9%) female participant, representing diverse faculty group ( 102

(39.70%) Social science and humanity ,117 (45.5%) health science, 38 (14.8%) science and innovation technology group ) all of the participant were interviewed by questionnaire and the data were analyzed Multiple logistic regression indicated that

1. There were no significant different between gender associated with symptom
2. Participant from Social science and humanity faculty were more susceptible to symptom compared with participants form science and innovation technology. Relative risk of symptoms in participant from Social science and humanity faculty compare participants form science and innovation technology were 11.1 (p-value = .032)
3. Participants with lower score in mature personality trait associated with symptom which relative risk compare with participants higher score in mature personality were 4.2 (p-value = .007 )

20 participants with symptom consented to participate in psychiatric interview and physical examination. 7(35%) of 20 Participants were male and 13(65%) were female with average age of 19.5 years old. Physical examination indicated that participants were healthy at the time of examination but psychiatric interview found that 20 participants experience severe sleep deprivation before ceremony. Mean duration of seep of participants before ceremony was 8.5 hours per day and became 2.2 hours per day since 1 week before ceremony. All participant in psychiatric interview experienced panic attack some experience hallucination and depersonalization.

In depth interview by philosopher about self perception and personal believe of world indicated that All the participants have intense believes in existence of super natural power and had Mythic world view or “Mythos” who had compromised self boundary. The Mythos type of person raise from direct experience dream , participation in super natural believes related activity and leaning from other. Data from in-depth interview suggest that Mythos type participants were more susceptible super natural experience in ceremony console of a high education institute.