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MISSION & VISION
The Indonesian Biomedical Journal mission is to assist, enlighten and support all health related policies by delivering information with speed. Its mission is represented by the Logo which is based on two main elements: the Caduceus Staff and naga Antaboga, which are prominent figures in Indonesian “wayang”, specifically in the famous Mahabharata tale.

AIMS & SCOPE
The Indonesian Biomedical Journal is dedicated to publish original research and review articles covering all aspects in biomedical sciences. The editors will carefully select manuscript to present only the most recent findings in basic and clinical sciences. All professionals concerned with biomedical issues will find this journal a most valuable update to keep them abreast of the latest scientific development.

THE LOGO
The ‘Indonesian Biomedical Journal’ insignia is designed based on two main elements; the Caduceus staff and naga Antaboga, which are prominent figures in Indonesian ‘wayang’, specifically in the famous Mahabharata tale. Wayang is the traditional Indonesian puppetry and drama which has its root in Hinduism. It is now an ingrained part of Indonesian culture and heritage.

Antaboga’s name in his youth is Nagasesa. His father, Antawisesa is a giant snake who weds the goddess Dewi Sayati, daughter of Sang Hyang Wenang, the Principal God. Due to his services to heavenly beings, Nagasesa is honoured with the title ‘Batihara’ or ‘Sang Hyang’, which means ‘God’. Since then, he is called Sang Hyang Antaboga, in recognition of his new position. His other names are Sang Hyang Nagasesa, Sang Hyang Anantaboga and Sang Hyang Basuki. As a God, Sang Hyang Antaboga is master of the underworld, which in wayang rates as significant as the realm above. His palace is in Saptapratala, the seventh plane below earth.

Sang Hyang Antaboga adopts a human outlook in his customary appearance. In critical situations, he can change his form into a giant snake. He possesses a magical power which enables him to alter his exterior according to his will. As the guardian of the holy water Amerta, he is also endowed with the ability to bring back to life those who die earlier than their natural time.

With the objective of strengthening the tie between them, the Gods reward the Indonesian or Javanese mythology, the word ‘Naga’ means a giant snake. The Indonesian word for snake itself is ‘ular’. It is common practice for the Indonesians however to use the two words simultaneously, hence ‘ular naga,’ to describe a giant snake. Ular naga is widely revered.

The logo of the Indonesian Biomedical Journal, which expresses its mission and vision, is a varied adaptation of the Caduceus staff. The pair of wings on top of the staff represents the speed of information and transformation, thus creation of a new beginning. The staff itself stands for authority. Likewise, in ancient Greek mythology, the pair of snakes or in this logo; the Antabogas, symbolizes the source of life and wisdom. Their intertwining position or ‘double helix’ incidentally is also the shape of DNA and signifies creation and stability.

In short, the logo of the Indonesian Biomedical Journal represents its mission to assist, enlighten and support all health related policies by delivering information with speed.

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Cardiovascular Disease Risk and Barriers to Physical Activity

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BACKGROUND: The prevalence of obesity is increasing and tends to be higher in adult population groups who are also more educated and employed as a civil/military/police/officers. This study aims to analyze cardiovascular disease (CVD) risk, perceptions about physical activity and barriers experienced to perform physical activity, also stage of change to physical activity.

METHODS: The study design was an observational study, use qualitative methods with in-depth interviews and quantitative analysis CVD risk also stage of change to physical activity questionnaire.

RESULTS: Framingham 10-years CVD risk of obese men in University of Surabaya was 11.97% (1.70 to 29.90) based on lipid profile, and 13.90% (2.30 to 30.00) based on body mass index. Perception of obese men in University of Surabaya regarding physical activity had findings several barriers that can be grouped into time constraint, facility constraint, low motivation, and knowledge about physical activities.

CONCLUSION: In this study we found that 10-years CVD risk of obese men in University of Surabaya can be categorized as medium risk. There are several barriers regarding life style modification for physical activity and exercise, whereas the subjects included in this study are quite ready to start the program, but improvement for the readiness before starting the program will still be needed.

KEYWORDS: CVD risk, obese men, physical activity

Introduction

Obesity is a complex multifactorial chronic disease that develops from the interaction of genotype and environment. Obesity is essentially occurs from an imbalance between sedentary lifestyle with a high dietary intake of calories.(1)

The prevalence of obesity is higher in the group of the adult population more educated, and employees as a civil/military/police/officers.(2) Men have a greater risk of cardiovascular disease (CVD) than premenopausal women, but a woman's risk factors will increase five to ten years postmenopause, thus becoming the same risk factors as men.(3)

Combating obesity is not only done with the cessation of food intake. Obesity prevention can be done either by lifestyle modification.(4,5) Physical activity or exercise has a great impact on reducing the risk of CVD. Interventions to modify lifestyle needs based on the theory or model that explains the people behavior, and can help to change the behavior by considering and identifying factors that affect the behavior.(6)

Obese people often have rarely healthy behaviors such as physical activity, especially sports, because there are several barriers.(7,8) In order to profile among the