

MEDICAL ELECTRONICS: PEDAGOGY FOR MEDICAL PERSONNEL: CASE OF THAILAND

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ABSTRACT

Electronics is the useful knowledge in the present day. The electronics device is already the important tool in any service field including to medical service. The knowledge regarding medical electronics seems important. The inclusion of the medical electronics knowledge in the curriculum is important. The pedagogy for medical personnel is an interesting issue. Here, the author specifically discuss on this topic based on the situation of Thailand, a tropical country in Indochina.

KEYWORDS: Medical Electronics, Pedagogy, Medical Personnel, Thailand.

INTRODUCTION

Electronics is the useful knowledge in the present day. The electronics device is already the important tool in any service field including to medical service. The knowledge regarding medical electronics seems important [1]. The inclusion of the medical electronics knowledge in the curriculum is important. The pedagogy for medical personnel is an interesting issue. Here, the author specifically discuss on this topic based on the situation of Thailand, a tropical country in Indochina.

MEDICAL ELECTRONICS: CASE OF PEDAGOGY IN THAILAND

As mentioned, several electronics tools are presently used in medical activities and medical personnel have to use it. In Thailand, this situation is the same as other countries. Considering medical electronics pedagogy, the situations for different types of medical personnel are hereby shown.

PHYSICIAN

Although physician has to use several medical electronics tool, there is no knowledge on medical electronics in the curriculum for pharmacist in Thailand.

NURSE

There is no knowledge on medical electronics in the curriculum for nurse in Thailand.

PHARMACIST

There is no knowledge on medical electronics in the curriculum for pharmacist in Thailand.

MEDICAL TECHNOLOGISTS

The medical technologists who work as medical laboratory technician and physical therapists have to use many electronics tool. However, there is very little knowledge on this issue in the curriculum.

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The details are usually inserted in the subjects of medical devices. However, this situation is better than other kinds of medical personnel.

DISCUSSION

Although medical electronics is an important knowledge for medical personnel, the knowledge provision to the medical personnel in Thailand is usually neglected. Only medical technologists have few lessons on this issue in curriculum. This is the same as the lack of knowledge on medical physics in curriculum of physician in Thailand [2].

It is no doubt that the medical personnel in Thailand use the electronic tools without knowledge and they might not effectively use the tools. In additions, they have to rely on the medical companies for simple maintenance or

repairing. The problem in case of emergency problem can be observed. The lack of knowledge on this issue has to be reconsidered in the curriculum adjustment.

CONFLICT OF INTEREST: None.

REFERENCES

- [1]. Besiadovskiĭ RA. Acievements of medical electronics (review of the foreign literature). *Voen Med Zh.* 1967 Aug; 8: 86-9.
- [2]. Yasri S, Wiwanitkit V. Applied Physics In Medicine: Do We Forget its Important-Reflection from Current Medical Curriculum In Thailand. *Int J Recent Innov Appl Physics Appl.* 2018; 1: 1-2.