

**AWARENESS ON ELECTRONIC WASTE AND  
DISPOSAL PRACTICE AMONG STUDENTS IN  
UNIVERSITY OF MEDICINE, TAUNGGYI**

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**2019**

## **ABSTRACT**

Electronic wastes (e-wastes) are almost all of the electrical and electronic devices that are disposed by the consumers. E-wastes are the most rapidly growing problem in the world. It is becoming to be the fastest ripening waste flow leading to environmental pollution. Thus, the proper e-waste management is very important and increased awareness on e-waste and its management is seriously needed. This study aims to determine the awareness on e-waste and disposal practice among medical students in University of Medicine, Taunggyi. This study was cross-sectional descriptive study using self-administered structure questionnaires among 176 second year medical students who attend the class at the time of data collection. More than three quarter of students knew the term of e-waste but they had low level of knowledge score on e-waste and some of the respondents correctly answered the components and metals (both valuable and dangerous) presence in e-waste. And majority of the respondents did not know the proper disposal practice of e-waste (e-waste management) and international laws about e-waste. Almost all of the respondents chose mobile phone as mostly used electronic devices and more than half of the respondents replaced their mobile phone as needed. In addition, some of the respondents disposed e-waste together with household wastes. Students from extended family were more likely to have high awareness level on e-waste than nuclear family. It was concluded that the awareness level on e-waste was found to be low among medical students. Therefore, it was recommended that the awareness on e-wastes among students and community should be promoted.