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2023 EdTec – International Conference on Education & Learning Technology

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| Name of the Conference | 2023 EdTec – International Conference on Education & Learning Technology |
| Conference Dates | From: (20/07/2023)  To: (21/07/2023) |
| Participant’s Name | dr. E. Elsa Herdiana Murhandarwati, M.Kes., Ph.D |
| Department/ Institute | Center of Tropical Medicine; Dept. of Parasitology, Faculty of Medicine, Public Health, and Nursing |
| University/ Organization | Universitas Gadjah Mada |
| City, Country | Yogyakarta, Indonesia |
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| Paper Title  (Not applicable for Listener & Online Listener) | Contribution of E-Cases WikiTropica in Indonesia to Enhance Medical Education |

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**Contribution of E-Cases WikiTropica in Indonesia to Enhance Medical Education**

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**Abstract**

**Background:** The availability of updated medical resources for remote places in Indonesia has been a key barrier to medical continuing education. Getting the latest medical information frequently necessitates attending seminars, which can be costly. Given Indonesia's status as an archipelagic nation with a high frequency of tropical diseases, it is critical to expose medical students and healthcare professionals to a platform that provides regular updates, particularly on infectious, emerging, and re-emerging diseases.

**Method:** The Health Information and Technology for Improved Health Education (HITIHE) Erasmus+ initiative has recognized the existing gap and has taken steps to address it by establishing an accessible platform for open health information and educational materials. This initiative has led to the creation of "WikiTropica", an information platform specifically focused on infectious diseases. WikiTropica encourages contributions from healthcare practitioners in collaboration with techno-pedagogic staff in the consortium to cater to the needs of medical students and healthcare professionals. A range of cases related to infectious, emerging, and re-emerging diseases have been prepared. This collaborative effort involves a consortium consisting of Universitas Gadjah Mada, UGM (Indonesia), Universitas Sebelas Maret, UNS (Indonesia), University of Health Sciences (Cambodia), National Institute of Public Health (Cambodia), Institute of Technology Cambodia (Cambodia), Institute of Tropical Medicine, ITM (Indonesia), Maastricht SHE/Global Health (The Netherlands), Vall d'Hebron Research Institute (Spain), and Barcelona Institute of Global Health (Spain).

**Results and Discussion:** Given Indonesia's status as a tropical archipelagic country, the accessibility of such a platform from anywhere and at any time becomes crucial. By providing openly available and up-to-date cases, it aims to continuously update healthcare professionals and medical students across Indonesia with the latest real-life scenarios. This initiative plays a vital role in keeping students and healthcare professionals well-informed and updated. The consortium has developed various cases of emerging infectious diseases, including malaria, dengue, anthrax, and more. These cases will be uploaded to WikiTropica.org, along with other helpful tools like KABISA, a clinical decision-making tool. The platform serves as a valuable educational resource, enabling medical students to gain practical knowledge and insights into managing infectious diseases prevalent in tropical regions. Moreover, by encouraging contributions from healthcare practitioners, WikiTropica supports a collaborative learning environment where diverse perspectives and experiences can be shared, ultimately enriching the medical education landscape in Indonesia and promoting global knowledge exchange.

**Conclusion:** In order to improve medical education and contribute to disease control efforts, it is essential to ensure that health professionals have access to updated health information. Wikitropica.org, an easily accessible online learning platform, plays a valuable role in providing a wealth of resources for individuals at all levels of their medical journey.

**Keywords**: e-cases, HITIHE, infectious diseases, LMS, medical education