



**Vaccination Knowledge and Literacy of Travel Health Resources  
Still Needs to be Improved among Travel Health Doctor  
in Bali**

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**ABSTRACT**

**Background:** The health problems of international tourists are increasing, but the competence of doctors in Indonesia in travel medicine has not been described comprehensively.

**Objective:** This study aims to analyze the competencies of doctors on duty at the Travel Health Center in Bali, including knowledge, communication skills, and pre-travel consultation.

**Methods:** The method used is mixed methods with an exploratory sequential design. Qualitative data were collected through in-depth interviews and observations, while quantitative data were obtained through self-reflection modified from Royal College of Physicians and Surgeons of Glasgow questionnaires. Data analysis involves thematic analysis for qualitative data and descriptive statistics as well as inferential for quantitative data.

**Results:** The results showed that the majority of doctors had good competence in patient communication and travel-related health risk management. However, knowledge about vaccination and literacy of travel health resources still needs to be improved. Only a small percentage of respondents had formal training in travel medicine.

**Conclusion:** The implications of this study are the need to develop a travel medicine curriculum, organize certified short training, and provide evidence-based practice guidelines to improve tourism health services in Bali. This effort is expected to strengthen Bali's position as a world-class tourist destination with quality medical tourism and travel health services.

**Keywords:** Doctors competence, Travel health, Medical Tourism