

ABSTRACT

Title : Design of Health Data Dictionary on Obstetrics Services
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Data standardization is needed to support the integration and interoperability among information systems that provide health data electronically. Some countries such as Australia, Malaysia, Pakistan, and Philippines have used the Health Data Dictionary. In Indonesia, the Ministry of Health of the Republic of Indonesia through the Data and Information Center (Pusdatin), was developed the Indonesian Health Data Dictionary (Kata Hat-I) version 1.0 in 2014. However, there are no health data standards available for obstetric services. The objective of this study is to design a health data dictionary on obstetric services use Research and Development (R&D) method. Data elements were collected using a systematic review and validated via two-rounds of a Delphi technique by nine experts from the Indonesian Association of Obstetrics and Gynecology (POGI). The consensus level established by researcher at 55.5% point. The results of a systematic review obtained 407 articles and 5 other sources that were relevant. Based on the inclusion criteria, 10 articles were selected and 579 data elements were obtained in the first round. There are 224 data elements were approved and 26 additional data elements were submitted in the second round. Finally, 124 data elements were selected that would be proposed as a part of the Indonesian health data dictionary on obstetric services.

Keywords : *Indonesian Health Data Dictionary; Obstetrics; Design; Systematic Review; Delphi Technique*