

JOINT EVENT

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Adverse events following immunisation in Albanian children: Confronting Albania with other countries

Adverse Events following Immunisation are becoming day after day an increasing concern all over the world. Different countries have implemented various post-vaccination surveillance systems to detect, treat and prevent AEFI. Geographical variations in AE reporting are a known phenomenon. The main objective of this study is to confront the nature, design and performance of AEFI surveillance system in Albania with other countries extracting various indicators from studies found in the literature and confronting them with those obtained by the analysis of the AEFI database of Albania in order to highlight differences and similarities. Through a systematic review of published studies which documented the AEFI rates in different countries at regional or national level, a total of 31 articles were chosen for full reading of the content. The overall reporting rates were calculated differently in various countries. In some of them, distributed doses were taken as numerator, in some others the type was not specified and only in few of them administered doses were used. Albania has the lowest reporting rate of all countries and regions reviewed. Serious events in Albania represented about 21% of all reported AEFI cases. This number were close to that of Switzerland which had the same percentage of serious events. The patterns of AEFI in Albania were close to the patterns of AEFI in other countries with similar surveillance system. The completeness and accuracy of information in the Albanian vaccine safety surveillance system still needs to improve.

Biography

Irsida Mehmeti has completed her PhD at the age of 30 years from Catholic University "Our Lady of Good Counsel" in Albania. She is a young researcher and lecturer at the department of Pharmaceutical Sciences in the faculty of Pharmacy of the same University. She has published different publications in important scientific journals.

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