

Evaluation of Communicable Diseases Surveillance System Process in Mosul City

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ABSTRACT

Objectives: Evaluating communicable diseases surveillance system Process at Mosul City.

Methodology: A descriptive study using an evaluation approach is conducted to evaluate the Communicable Diseases Surveillance System Process in Mosul City from April 20th, 2022, to May 21st 2023. A non-probability multistage sample was adopted of the study, as twenty-three (23) health institutions are chosen and interview is conducted with health staff works in the communicable diseases Surveillance System. The validity of the instrument determined by a group of experts and the stability of Internal consistency reliability of the questionnaire is ($r= 0.86$), it is determined by using split-half technique and the computation of Cronbach alpha correlation coefficient. Data are gathered from the samples by using the questionnaire and application of the interview technique. The descriptive statistical data analysis approach is used to analysis the data by using SPSS program, version (26).

Results: The study results indicate that the most of system's Process component are effective, available and sufficient in addition to good level of evaluation for all health institutions to implement such system for the benefit of communicable diseases services' consumers in relation to case detection and registration, case information, data reporting and sending, data analysis, epidemic preparation, response to epidemic, feedback and supervision.

Conclusion: The study concluded that all health facilities in Mosul city like family medicine and main primary health care centers that they are providing adequate surveillance system services to the community in regard to Communicable Diseases Surveillance System Process.

Recommendations: The study recommended that Surveillance System Process for Communicable Diseases at hospitals in Mosul city, can be enhanced with all measures to continue and keep its perfect performance; with implement Regular and periodic monitoring and follow-up to benefits to the Communicable Diseases Surveillance.

Key words: Evaluation, Surveillance System, Communicable Diseases

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