

**PENGEMBANGAN MODEL SISTEM INFORMASI PEMANTAUAN PENYAKIT
TIDAK MENULAR PADA JAMAAH CALON HAJI EMBARKASI SURABAYA DI
KANTOR KESEHATAN PELABUHAN KELAS I SURABAYA TAHUN 2010**

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PILGRIMS; PORT HEALTH

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SUMMARY

**THE DEVELOPMENT MODEL OF INFORMATION SYSTEM ON MONITORING NON-
CONTAGIOUS DISEASES IN CANDIDATE HAJJ PILGRIMS EMBARKATION OF
SURABAYA AT THE PORT HEALTH OFFICE CLASS I SURABAYA IN 2010**

Background Hajj is a physical worship in which the solid implementation with a variety of activities pilgrimage procession to be done requires a physical condition and health, environment and climate of Saudi Arabia are different, the density of Muslims in a very large amount, which shall carry out the activities at the same time and places are limited, all things that can cause a risk to the pilgrims have to run and watch as possible so as not to interfere with the smooth pilgrimage or can cause death. Prevention of the occurrence of anticipated risks ranging from health examinations in health centers, in hospitals and health checks at embarkation by the Port Health Office , so if there are conditions that need improvement and further treatment can be corrected immediately before the candidate Hajj pilgrims left for the pilgrimage. From year to year the highest cause of morbidity and mortality in prospective Haj pilgrims were caused by non-contagious diseases. Non-contagious disease is a disease that does not cause a transmission from one individual to another, whether through air, water, food, feces or blood. Monitoring Information System on Non-Contagious Diseases in candidate Hajj pilgrims is the activity of the pilgrimage is the largest and routine activities are carried out annually by Port Health Office Class I Surabaya where every year a high risk of disease, cause of illness and death in the majority of pilgrims are non-contagious diseases. For its implementation requires a planning and implementation and a good reporting system. Method This research in the early stages is a descriptive observational study, a research design that does not require a treatment, is described on non-contagious diseases monitoring system on the candidate Hajj pilgrims embarkation Surabaya ongoing, whereas in the model development phase is the type of research Operational Research. Place activities are evaluated and developed at the Port Health Office Class I Surabaya, to support the evaluation and development of this system, conducted in-depth interviews and data collection are needed in health centers do begin The public health center of Mojo, City Health Office, Provincial Health Department, Hospital of Hajj. Studied are monitoring the implementation on Non-Contagious Diseases in the candidate Haj pilgrims Embarkation Surabaya in 2010 began to probe at the level I, II to level III examiner at embarkation Surabaya. Respondents were examining physician health research, surveillance officers, officials involved structural. Perform analysis of factors needed in monitoring non-contagious diseases at embarkation Surabaya Hajj pilgrims 10

candidate in 2010 I started on the examination in health centers, examination II, III at embarkation inspection by the Port Health Office Class I Surabaya Surabaya. The variables studied were the input, process, outputs and attributes in monitoring non-contagious diseases. Of the problems discovered, developed a model of the Information System on monitoring non-contagious diseases in the candidate Haj pilgrims who can meet the needs of the Port Health Office Class I Surabaya. Specified types of information to be generated, type of activities, needs required. Model planned development is determined that includes the component outputs, processes and inputs to support a new system that fits the needs of Port Health Office Class I Surabaya. Result Description of Information System on monitoring Non-Contagious Diseases in the candidate Haj pilgrims, pilgrims started coming to check on clinic examination and made a report to the public health center , then the City Health Office medical examination to two, and make report to the Provincial Health Office, and Provincial Health count the existing data, but does not disseminate such information to the Port Health Office , Hospital of Haj , pilgrims receive and examine the referral and report to the Port Health Office , at the Port Health Office Class I Surabaya Hajj performed by the reporting structure Quarantine Control & Surveillance Field Epidemiology. The main problem is that existing information systems is still done conventionally written only in the health book brought by pilgrims, so disconnected from the public health center, referral hospital, the City Health Office, Provincial Health Office or the Port Health Office , in addition to human resources still need to improve the quality and quantity . Provincial Health Department did not disseminate the information has been obtained, the absence of a binding legal basis of activities hajj agencies involved to provide data to the Port Health Office . The solution is to develop a model information system on monitoring non-contagious diseases , on-line starting from the public health center, referral hospital, the City Health Office, Provincial Health Department, the Port Health Office until the Center of Pilgrimage through an integrated system of Web sites, each one obligated to entry the data from the health center level , Public Health Service to the Port Health Office. Conclusion To overcome the problems with the system of monitoring information on a pilgrimage on non contagious diseases need to be developed the existing system.

ABSTRACT

THE DEVELOPMENT MODEL OF INFORMATION SYSTEM ON MONITORING NON CONTAGIOUS DISEASES IN CANDIDATE HAJJ PILGRIMS EMBARKATION OF SURABAYA AT THE PORT HEALTH OFFICE CLASS I SURABAYA IN 2010

Information System on monitoring Non-Contagious Diseases in candidate Hajj pilgrims is the activity of the pilgrimage is the largest and routine activities are carried out annually by the Port Health Office Class I Surabaya, where every year a high risk of disease, cause of illness and death in the majority of pilgrims are non-contagious diseases. This research in the early stages is a descriptive observational study, at this stage of development of Operational Research is a research model. The variables studied were the input, process, output and system attributes on monitoring non-contagious diseases. Of the problems found, the developed model in the Information System on monitoring Non-Contagious Diseases

pilgrims who meet at the Port Health Office of Surabaya. The main problem is that existing information systems is still done conventionally disconnected from the public health center, referral hospital, the City Health Office, Provincial Health Office to the Port Health Office . The solution is to develop a model information system on monitoring non-contagious diseases on line starting from the public health center, referral hospital, the City Health Office, Provincial Health Department, the Port Health Office until the Center of Pilgrimage through an integrated system of Web site.

Key words: information systems, monitoring on non-contagious diseases, pilgrims, Port Health Office

