



Minimum Requirements Health Systems

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INFORMATION SYSTEMS FOR HEALTH

Introduction

Ministry of Health (MoH) is actively executing the project information systems for health, which entails designing, developing and implementing clinical and business information technology solutions to transform the model of care in the country, and to improve the availability of quality health information to support clinical, program and policy decision making. The primary focus of the project lies on a structured, standardised automation of primary care, pharmacy and laboratoria.

Requirements

Important for healthcare facilities from small clinics to private pharmacies and hospitals is to use the following (medical) standards in their systems where it is applicable.

1. HL7 interoperability medical standard:

This standard is for exchanging information between healthcare applications, as one of the focus points in the IS4H project is an Health Information Exchange Platform where a patients health record is constructed based on input from general practitioners, laboratory and pharmacy. The requirement for alle systems to partake is that information is shared using either HL7 or HL7 FHIR standard

2. LOINC, medical standard for identifying medical laboratory observations:

The Logical Observation Identifiers Names and Codes is a database containing a terminology standard for health measurements, observations and documents. By using LOINC in your Electronic Health Record and Lab Information Management Systems data can be moved seamlessly between systems.

3. Patient Identifier:

In order to combine patient health information from different sources into one health record a unique number is needed identifying each individual patient. In Suriname the choice was made to use the ID number given out by the Central Bureau of Civil Affairs as the unique identifier. All health related applications will need to include the ID number of the patient.

Sidenote

From birth in Suriname everyone will get a ID number however, in most cases the id number is unknown to patients below 16 years of age. If this is the case a temporary ID should be provided which can be edited manually by the facility or automatically from the Health Information Exchange Platform where CBB is connected.
