Title of Article: National Hospital Management Portal (NHMP): a framework for e-health implementation.
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Abstract: Health information represents the main basis for health decision-making process and there have been some efforts to increase access to health information in developing countries. However, most of these efforts are based on the internet which has minimal penetration especially in the rural and sub-urban part of developing countries. In this work, a platform for medical record acquisition via the ubiquitous 2.5G/3G wireless communication technologies is presented. The National Hospital Management Portal (NHMP) platform has a central database at each specific country’s national hospital which could be updated/accessed from hosts at health centres, clinics, medical laboratories, teaching hospitals, private hospitals and specialist hospitals across the country. With this, doctors can have access to patients’ medical records more easily, get immediate access to test results from laboratories, deliver prescription directly to pharmacists. If a particular treatment can be provided to a patient more effectively in another country, NHMP makes it simpler to organise and carry out such treatment abroad.