

Mobile Technologies and Future Health-care

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Mobile technology development and investments are on the leading edge beside the Internet. Technical solutions satisfy comfortably more and more complex needs. Also the huge public interest makes the end products cheaper and cheaper.

Modern health-care gets more important worldwide. Affecting everybody these systems tend to be one of the largests. Unfortunately the required technology and the health-care itself is also very expensive without showing direct financial income. After all health-care gets lots of investments (mostly by state sponsorship) to build and modernize its information technology background in order to shorten service time, increase patient satisfaction and of course cut down charges.

Combining these opportunities modern technology can extend hospital care allowing home monitoring which can help to utilize more efficiently the hospital capacities, instant practitioner support, online patient data querying and much more prospects.

In this article I show the basic ideas of some mobile communication standards (e.g. Bluetooth, WAP) which are currently being developed and their applicability in health-care with some real-life examples. I introduce the solutions and some problems of an already set up cardiological (ECG) home care center. The patient data exchange seems to be a general problem for health-care systems so finally I flash some chance to take over this problem.