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I. Introduction

In many countries, demographic developments, social changes, and the rising costs of health and social care, considering the people with chronic diseases, elderly population or people with less mobility, imposed the introduction of electronic health records (EHR) as a solution to improve health care efficiency and safety. Furthermore, efficient pervasive health care architectures, mechanisms and systems can alleviate the problem of supporting and caring for people with a long term condition and less mobility. Ubiquitous or pervasive healthcare has the main goal of building sensing and computing systems that permit Sign in to Continue Reading long-term health assessment of the human subjects and health critical events signaling for high level of unobtrusiveness. Ubiquitous healthcare systems defined like "in-house" implementations permit the long-term health status assessment of subjects affected by chronic diseases, elderly people, and people with less mobility, among others. On the other hand, comparing with the ambulatory healthcare, the ubiquitous healthcare as part of telemedicine systems can permit, in the future, to stabilize the actual tendency of healthcare rising costs caused by demographic changes [1].

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