

The Optimal Use of IT Technology in Telemedicine

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Telemedicine refers to the application of communication technology (IT) to the service when there is distance between the recipient and the provider and the possibility of performing face-to-face examinations. The goals of telemedicine include improving medical care for patients in deprived rural and remote areas, access to doctors throughout the world, distance education, on-line distance counseling (on line), reduction of patient transportation to centers Medical treatment, improvement of wounded service in the battlefield, the lack of isolation of medical care providers and the reduction of costs, the care of patients in the home rather than the hospital, the provision of emergency medical services to patients in ambulances and scenes Crash. Today, a large volume of services is provided by a remote medical scientist. Such as: Distance counseling, distance education, telemedicine, telemedicine imaging, remote lab, diagnosis, remote diagnosis and health care. In addition to describing various aspects of telemedicine and its applications (for example, in the poor and rich countries and the poor areas and the care of the elderly, ambulances, the operating rooms and dozens of other cases), in this thesis, in practice, one An operational plan for telemedicine in a village is to launch a remote lab, remote counseling, screening for the diagnosis of smart and retarded mentally retarded children, a medical photochemistry system, and a psychiatric site.

Keywords : telehealth, eHealth, telemedicine

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