



Health Technology for Women

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In today's medical field technology plays a big role when it comes to patient care. Technology is huge when it comes to giving the patient the best type of quality care when they are in the hospital. In the old days people would just write it down on a sheet of paper and record it by hand, which caused mistakes. Now with the Electronic Health Record those mistakes are drastically declining. Statistics have shown that using the Electronic Health Record has lowered Nursing mistakes as well as improved patient care. Our society has progressed through the years and has been introduced with the Electronic Health Record which has drastically improved our health care system.

It can also position nurses to be more proactive by reaching out the patients. With the EHR there is a thing called PHR, which is Person Health Record. Patients fill in their own information and it's stored in the computers. There is also Tethered or Connected PHR's that are linked to specific healthcare organizations EHR system and the patient can access it through a secure portal. With the EHRs and PHRs patients are more active in their illness which makes them feel as if they are in control of it, which is a huge plus for providers. Another big plus of the EHRs is that studies have shown that it has helped providers improve accuracy of diagnoses and health outcomes.

Among the pioneers of Healthcare Technology, the National Aeronautics and Space Administration (NASA) has been one of the most supportive. Concerned with the wellness of the astronauts during space missions, NASA scientists developed technological devices for the measurement and transmission of physiological and medical data between space and earth stations. This effort was later applied in the 1970s to support medical services to the rural Papago Native American Reservation in Arizona using a manned mobile medical unit linked to local hospitals. The first full service Healthcare Technology operation appeared in 1968 between Logan Airport Health station and the Massachusetts General Hospital (MGH) of Harvard Medical School (Garson, 2008; Munnely & Clarke, 2007). The service included 10 remote sites linked through the New Hampshire-Vermont Medical Interactive Television Network with a central hub stationed at Dartmouth. The service supported medical education and specialty medical services including psychiatry, cancer, and dermatology.