

Healthcare Kiosks for Telemedicine

“Telemedicine” is defined as a virtual health care visit that is conducted remotely over telephony and video conferencing. Healthcare kiosks are increasingly being outfitted with telemedicine capabilities to give patients easy access to treatment from remote locations.

The benefits of telemedicine healthcare kiosks are numerous as they reduce the need for in-person doctor visits, which can lower healthcare costs for patients, cut office visit wait times, and allow doctors to be more efficient in the time spent diagnosing and treating patients.



Types of Telemedicine

1. Store-and-Forward

Collect diagnostic data like x-rays and lab work at one location and forward to a specialist at another location. This allows a talented specialist to cover a much wider area and patients in remote areas to have access to specialists elsewhere.

2. Remote Patient Monitoring

Track vital signs and other health data while the patient is at home. This is particularly beneficial to patients recovering from surgery.

3. Real-Time

Live one-on-one interaction with health care professionals.



Benefits of Telemedicine

1. Cost Savings

- Average costs for telemedicine procedures are 19 percent lower and come with equal or better health outcomes than the equivalent in-person treatments.
- Emergency room transfers could be reduced by 850,000 per year, resulting in \$537 million per year in savings.
- Telemedicine healthcare for inmates at correctional facilities can result in \$218 million in savings due to reductions in transportation of inmates to off-site health care visits.
- With telemedicine kiosks, nursing homes could reduce the number of transfers between their facilities to off-site medical facilities by 7.26 million for an annual cost savings of \$806 million dollars.



2. Provide Better Healthcare to Remote Areas

A study published in 2012 of diabetic patients in Cameroon, South Africa, Thailand, and Uganda showed improvements in symptom management for patients using Telemedicine.



3. Telemedicine Treatment Is Approved by Both Doctors and Patients

A 2001 study by the British Journal of General Practice showed that 97% of visits conducted via Telemedicine in the area of rheumatology were given positive reviews by both patients and doctors.



What Can Telemedicine Treat?

Telemedicine is a rapidly advancing field and the ailments that can be treated through interactive healthcare kiosks is constantly expanding. A few of the ailments which are commonly treated through telemedicine kiosks are:

- Allergies
- Arthritic Pain
- Asthma
- Bronchitis
- Colds and Flu
- Diarrhea
- Infections
- Insect Bites
- Pharyngitis
- Conjunctivitis
- Rashes
- Respiratory Infections
- Sinusitis
- Skin Inflammations
- Cellulitis
- Sore Throats
- Sprains & Strains
- Bladder Infections
- UTIs
- Sports Injuries
- Vomiting



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