



Digital Tools will Improve the Patient Outcomes

Ms. Shelke Rutuja G.¹, Bansode G.V.², Dr. Bawage S. B.³

¹B Pharmacy Final Year Student, Latur College of Pharmacy, Hasegaon SRTMUN.

²Assistant Professor Department Pharmaceutical Chemistry Latur College of Pharmacy, Hasegaon, SRTMUN.

³Principal of Latur College of pharmacy, Hasegaon SRTMUN.

Abstract:

Digital tools are an important part of the healthcare environment. Hospitals and health systems across the country are working to implement new digital health technologies that have the potential to improve care and reduce administrative burdens. Digital patient engagement tools are platforms that enable healthcare providers to interact electronically with their patients. These tools can be used for a variety of purposes, such as scheduling appointments, sending reminders, and providing training materials. According to his Feb. 21 report by the American Medical Association and Manatt Health Strategies, digital tools have the potential to improve patient-physician relationships and increase the effectiveness of health integration of behavioral problems. Digital tools and their benefits, offering digital tools at home or seeing what technology is being used for patient outcomes, digital tools increasing patient confidence, and more Traditionally, patients received information about their condition only when they saw their doctor. Physicians were omniscient and omnipotent, and patients were perceived as passive recipients. more than this. As healthcare costs have increased, patients have become more aggressive.

Keywords: digital tool Will improve patient outcomes and their patients education in lifestyle, enhance behavioural health delivery, benefits, Which tools using increase patient outcomes .

Introduction:

Digital tools are platforms that allow healthcare providers to interact electronically with their patients. These tools can be used for a variety of purposes, such as scheduling appointments, sending reminders, and providing training materials . Patient engagement tools also help patients manage their health by tracking symptoms and medications. In addition, these tools may provide access to booking times and locations as well as provider contact information.

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What are the benefits of healthcare by using digital technology

Digital technology benefits healthcare in at least three ways.

1. Improving patient outcomes
2. Healthier (less burnout) doctors
3. Improving access to care

Can you provide digital tools at home

Current medical models require patients to go to medical facilities for all kinds of care. The new model brings care to the patient, not the patient to care. The use of telemedicine to care for patients, and the use of telemedicine and universal access to information and communication, means that people no longer need to go to clinics, but instead use their phones and other devices to ask questions, You will be able to receive advice and treatment recommendations. With the use of low-cost digital diagnostic equipment that can easily and accurately measure vital signs such as body temperature, respiratory rate, oxygen saturation, and blood pressure with just a smartphone, telemedicine and home care are mostly used by outpatients (outpatients). supersedes the . Visits, except for very ill patients or those with complex needs. This is especially important in chronic diseases .

Can I provide my medical history using telemedicine?

Telemedicine provides an electronic patient record and also provides each client with a unique ID number. When a client/patient is no longer physically present face-to-face, it is important for providers to know who they are on the phone with and what they are doing. B. Medications, immunizations, pregnancy This does not necessarily mean that there exists a single, universal His platform, but that there is a dataset that remote Her providers can access means that Recent advances in the use of biometric identifiers and simplified electronic medical record systems have made this possible. Today's model of care relies on the proper education of health care workers trained to diagnose and treat patients and to communicate with them about their illnesses and health conditions.

Using Digital Health Technology for Patient Education in Lifestyle Medicine

Technology has redefined how patients and providers communicate and receive health information. The field of digital health includes various technologies such as mobile health, health information technology, wearable devices, telemedicine and telemedicine, and personalized medicine. These technologies are beginning to improve care delivery without the traditional limitations of distance, place and time. A growing body of evidence supports the use of digital health technologies to improve patient education and practice essential skills and behaviors in lifestyle medicine. Patient education can now be delivered in standard formats (articles, written communications, etc.) as well as a wide range of multimedia (videos, audio, interactive games, etc.) that are better suited to specific topics and learning styles. In addition, patient participation in care plays an important role in improving health outcomes. Although the development of digital health technologies often outstrips research, there is ample evidence to support the use of many current technologies in clinical settings. Our ability to monitor and facilitate effective methods continues to improve, and better assessment methods may

Why use digital engagement tools?

Digital patient engagement tools support personal engagement strategies to dramatically improve the patient experience. Digital Tools Improving Patient Satisfaction Digital patient engagement tools enable providers to improve patient satisfaction scores. Patient satisfaction may depend

1. Reduce Wait Times – Digital patient engagement tools can help reduce wait times for appointments and procedures.
2. Improved Patient Experience – Digital patient engagement tools can improve the overall patient experience.
3. Efficiency - Digital patient engagement tools can help increase the efficiency of physician visits.
- Four. Communication – Digital patient engagement tools help improve communication between patients and providers.
5. Build Trust – Digital patient engagement tools help build trust between patients and providers.

How do you treat your patients?

Digital technology based on remembering patient appointments and medications can also help with treatment adherence. Adherence to treatment means that patients take their medications as prescribed and keep their scheduled appointments. Good health outcomes are more likely when patients stick to their treatment regimen. Digital patient engagement tools help providers improve adherence by reminding patients about appointments and medications. Additionally, digital patient engagement tools help providers track patient adherence. Using these tools, providers can identify patients who are not adhering to treatment plans and take steps to address the problem.

What tools are being used to improve patient outcomes?

Here are some technologies that can accelerate the integration of behavioral health problems:

1. Digital recording and screening tools.
2. Digital recommended tools. 3. Electronic health record system.
4. Exchange of health information.
5. Digital social determinants of health tools.
6. Digital prescribing platform.
7. Telemedicine
8. Digital medication management tools.
9. Remote patient monitoring.
10. Patient-mediated care tools and digital therapeutics.



Telehealth

Telehealth can help reduce health care costs by eliminating the need for expensive office visits. Telehealth is an essential tool that can help to improve access to quality health care..Telemedicine fits under the larger umbrella of telehealth services, which entails the application of technologies to help patients manage their own illnesses through improved self-care and access to education and support systems. Examples of telehealth interventions that have shown benefit in mortality and cost-savings include home telemonitoring programs for congestive heart failure, remote intensive care unit monitoring, and home health monitoring for veterans. Additionally, telehealth programs have been shown to improve medication adherence and access to specialty providers.

Digital Therapeutics

Digital therapeutics tools are, Food and Drug Administration approved, Some digital therapeutic programs for diabetes and weight loss are now covered by insurance plans. Digital therapeutics can collect a high volume of user data from a variety of sources, ranging from traditional clinical biomarkers to physiologic sensors and social patterns. These data sets allow for big data analytics during active treatment periods, easy access to longitudinal data patterns, insight into the effectiveness of specific lifestyle medicine program variations, and opportunities to provide education. Most digital therapeutics provide some form of patient education. For example, a randomized control trial demonstrated a 12-week remote digital care program improved low back pain by providing sensor-guided exercise therapy, education, cognitive behavioral therapy, behavioral coaching and tracking. Other programs providing patient education have shown benefit in improving sleep, diabetes and other chronic disease management. Telemedicine is defined as using technology to diagnose, monitor and treat patients remotely. In many cases, telemedicine is just as effective as face-to-face consultations.

Electronic patient records and patient results

EHR collects and stores patient information. EHRs are also used to automate treatment workflows. The EHR stores all clinical data held on paper records such as: They provide tools that help healthcare professionals make decisions about patient care. The Office of the National Coordinator of Health Information Technology (ONC) reports that the EHR helps diagnose health conditions by providing quick access to a patient's complete health status. Rather than simply storing a record of information like a paper record, and EHR helps providers organize data to create information specific to a patient's situation.

An example is shown below.

1. When doctors prescribe drugs and consider drug interactions
2. Hospitals and clinics in the formation of security issues
3. Provide other members of the care team with information about potentially life-threatening allergies
- Four. Help detect and resolve operational issues
5. ONC found that 75% of his surveyed physicians said the EHR helped them

Remote monitoring

One way to enable better engagement is to monitor patients remotely. Remote monitoring allows healthcare providers to track patient health records in real time and detect potential problems early. This allows for timely intervention and prevents small problems from turning into big problems. Collecting data remotely from individuals with or at risk of cardiovascular disease (CVD) has become technologically straightforward. Symptoms, weight, activity, blood pressure, pulse rate and regularity, heart murmur, respiratory rate, ECG, oxygen saturation, and sleep quality can all be assessed by a variety of stand-alone technologies. In addition, remote monitoring helps providers stay connected with their patients between visits. You can use secure messaging to answer questions and address concerns. This helps foster a sense of patient-provider partnership. Ultimately, telemonitoring technology can be used by healthcare providers to facilitate greater engagement and improve patient outcomes through the continuous flow of information on many physiological variables.

Digital Prescription Platform

A digital prescription platform to improve the safety and quality of the prescription process. Electronic prescribing allows home care providers to send prescriptions electronically to pharmacies and can be a standalone system or part of an integrated electronic medical records system. The methodology of this study followed the basic principles of systematic review. A total of 47 sources were referenced. The results of this research study suggest that electronic prescribing can help reduce prescription errors, increase efficiency, and save healthcare costs. Medication errors have fallen to one-seventh of their previous levels, and cost savings from improved patient outcomes and fewer patient visits, he says, will amount to \$140-240 billion over his decade with the introduction of e-prescribing. Estimated. However, there were major obstacles to implementation, including cost, lack of provider support, patient privacy, system failures, and legal issue.

Conclusion :

Digital technology is used to improve patient outcomes. This is a better assessment method that increases clinician confidence in its use and is likely to result in many medical benefits from the use of digital technology. This process should foster innovation that improves public health by ensuring the timely manner and safety

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