

The future of the digital patient experience









Table of Contents

Introduction	4
Key Findings	5
Research Overview	6
Respondent Profile	7
Detailed Findings	8
Digital tools are available to patients	8
Digital health tools are a priority	9
Consumer experience is lacking	10
Prioritization leads to success	11
Tools are currently focused on "basic" tasks	12
Planned tools will address important differentiators	13
Informational services being considered	14
Greatest return on investment	15
Improving access, care, satisfaction driving use	16
Digital tools less likely to lead to cost savings	17
Cost is top implementation challenge	18
Small hospitals cite patient adoption as top challenge	19
About the CCM	20



Introduction

Health systems must catch up to meet patients' digital expectations

Effectively engaging with patients in the digital world is a key strategy for the future success of health systems. Meeting patients where they are – increasingly online via their mobile devices – is essential to retaining and attracting patients who could be steered to other providers by more tech-savvy competitors. The implementation of digital tools also may help health systems reduce costs. Scheduling appointments online, communicating directly with care teams by text or email, and accessing care via telehealth solutions are more convenient for the patient and are likely to incur lower costs.

Despite these advantages, the Center for Connected Medicine (CCM) has observed that many health systems have work to do when it comes to implementing patient-facing digital health tools. Tools need to be used by patients, integrated with the health system's existing technology infrastructure such as electronic health records, and provide a robust and user-friendly experience.

These observations also are backed up by recent CCM research. The Top of Mind 2020 survey, published in November 2019, looked at health system use of patient engagement technology and found that investment has focused primarily on patient portals and largely ignored third-party apps. The reasons for this are understandable. Health providers have spent millions of dollars standing up electronic health record systems and meaningful use requirements have pushed health systems to offer patients access to health data via

the portal. Integration of third-party apps, meanwhile, traditionally has been difficult due to challenges with interoperability of health care data.

This report follows up on the CCM's Top of Mind survey to look more closely at the use of patient-facing digital tools by health systems. Among the key findings that follow, we found that while more than half of health system representatives believe they understand which digital tools are most useful to patients, less than a third believe they are delivering a best-in-class experience to their patients.

What is causing that disconnect? The survey points to challenges, including costs, data integration obstacles, and operational roadblocks. Which is to say achieving success involves much more than rolling out great technology. Health systems need to not only prioritize these tools, but provide the investment, resources, vision, and timeline to get them up and running, maintain them, and integrate them into the overall environment.

Thank you for reading this report, which sets a baseline for the status of patient-facing digital health tools. Follow the CCM's work to continue the discussion about how health systems can succeed in this important area.



Key Findings

1

Digital health tools are a priority

Half of respondents said implementing digital health tools for patients is a critical or high priority for their health system.

2

Consumer experience is lacking

While a majority of respondents said their organization has at least one digital tool available to patients, fewer than one-in-three believe their tools offer the best possible consumer digital experience.

Tools are currently focused on "basic" tasks

3

Digital tools in use today help patients manage relatively simple tasks, such as accessing their health records, making an appointment, paying bills, and searching for a doctor. While tasks such as digital appointment scheduling may face layers of complexity, health systems are working to master the basics. But respondents said their organizations are planning to invest in tools to address important differentiators such as patient check-in and arrival management and monitoring and managing chronic conditions.



Improving access, care, satisfaction driving use

Respondents said the biggest drivers for implementing patient-facing digital tools are to improve access to care, help patients monitor and manage their health, and deliver higher patient satisfaction.

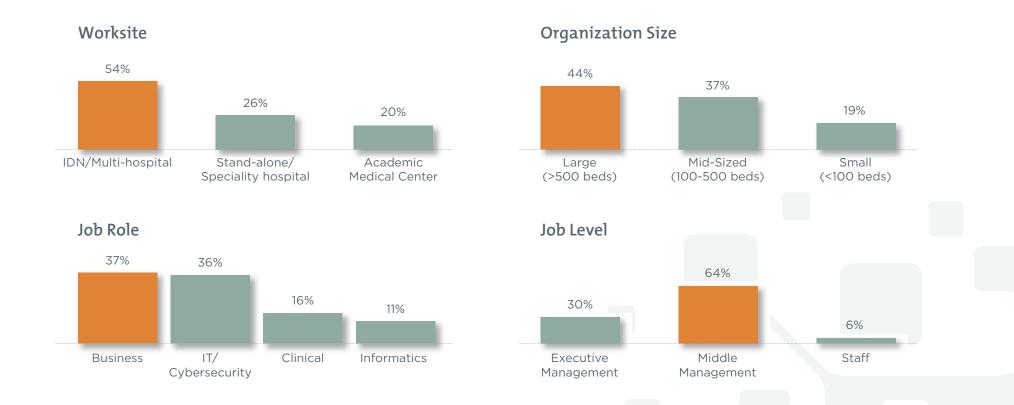


Cost is top implementation challenge

Respondents cited a number of challenges to adopting digital tools with the cost to build, buy and maintain tools, difficulty integrating tools with existing systems such as EHRs, and operational roadblocks topping the list.



Respondent Profile

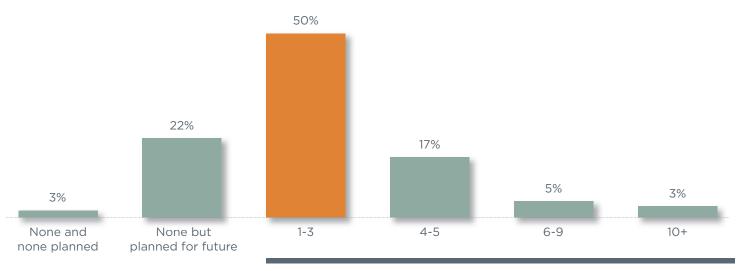


Detailed Findings

Digital tools are available to patients

Three-quarters of respondents reported that their health system has at least one digital health tool available to patients; and a quarter have four or more. It is encouraging to see that only 3% said they had none and did not plan to add any.

How many digital tools does your system have?



76%

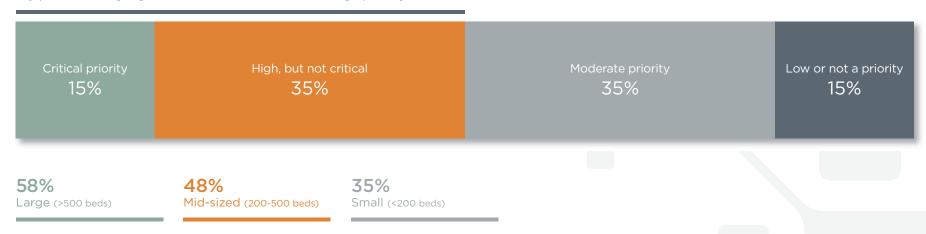
have at least one digital health tool available to patients

Digital health tools are a priority

Given the growing demand by consumers to engage in their health digitally, it is positive to see that many respondents said their hospital or health system is making these tools a priority. Overall, 50% of respondents said implementing digital health tools for patients is a critical or high priority at their organization. Looking at responses by size of hospital or health system, we see that larger health systems are more likely to say patient-facing digital health tools are a critical or high priority.

To what extent are digital tools a priority?

50% say patient-facing digital health tools are a critical or high priority



Larger orgs more likely to say patient-facing digital health tools are a critical or high priority

Consumer experience is lacking

More than half of respondents said their organization has a good understanding of what tools would be helpful to patients. However, fewer than half said their organization was successfully integrating digital tools into the patient experience. And even fewer said their digital health tools delivered an experience on par with the best digital consumer experience available.

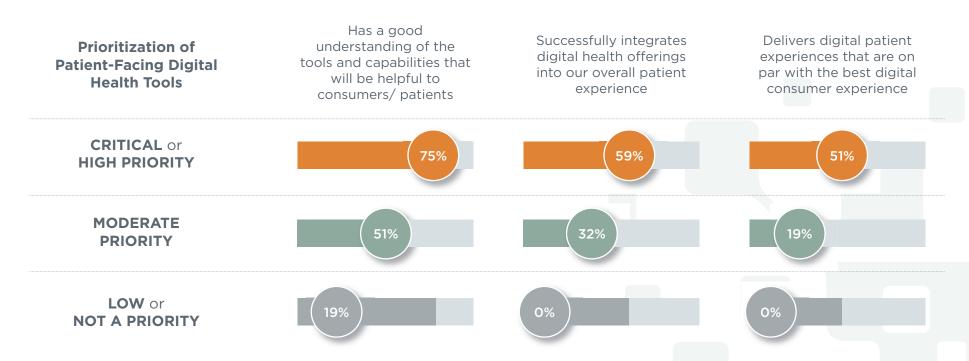
Rate your agreement with the following statements



Prioritization leads to success

By comparing respondents' answers from the previous two findings, we can see a correlation between those who consider patient-facing digital tools a critical or high priority and those with strong agreement of their organization's understanding, integration success, and view of the quality of digital tools. This suggests that organizations with a priority on patient-facing digital health tools are more likely to succeed.

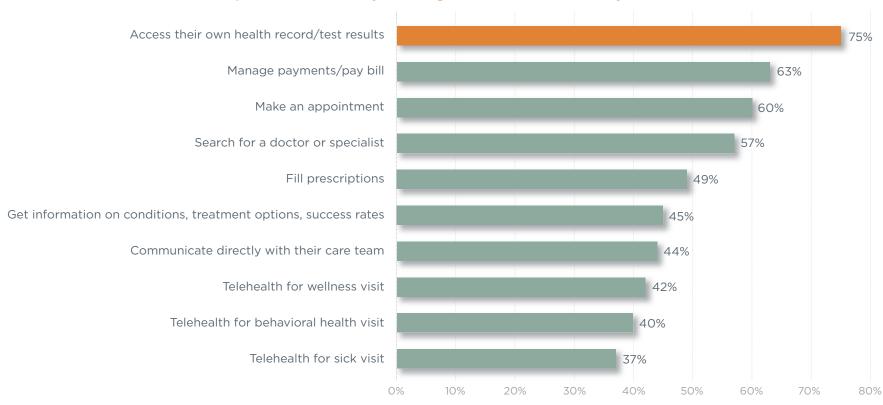
Comparing priority with understanding, integration, experience



Tools are currently focused on "basic" tasks

The most common digital health tools currently in use help patients manage simple tasks, such as accessing their health records, making an appointment, paying bills, and searching for a doctor, according to respondents.

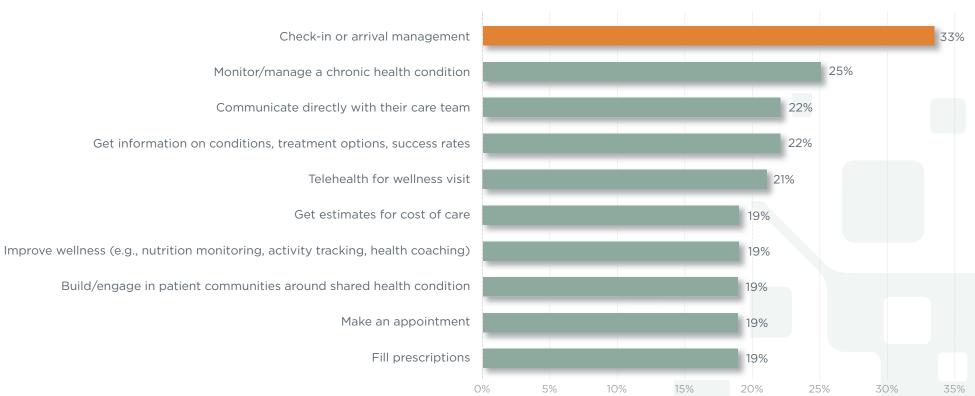
Top 10 most commonly cited digital health tools currently in use



Planned tools will address important differentiators

Respondents also said their organizations are planning to invest in tools in the next 12 months to address important differentiators such as patient check-in and arrival management and monitoring and managing chronic conditions.

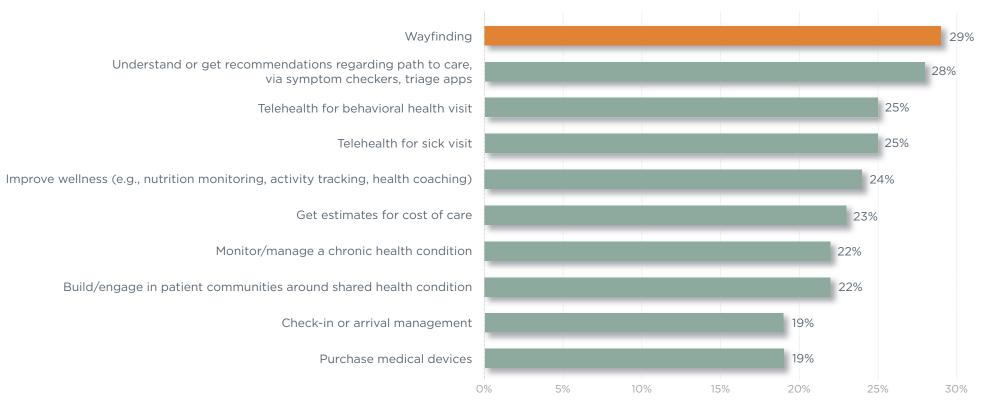
Top 10 most commonly cited digital health tools planning to use in next 12 months



Informational services being considered

Among the tools being investigated for implementation, many of the most commonly cited by respondents are related to helping patients find information, such as wayfinding, symptom checkers, and cost estimates.

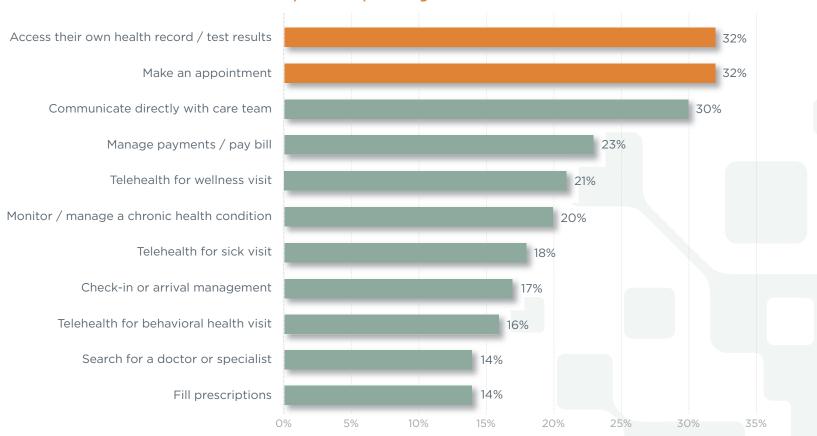
Top 10 most commonly cited digital health tools under consideration for use



Greatest return on investment

The top digital tools that are expected to provide a return on investment are, perhaps unsurprisingly, very similar to the list of most common tools that are currently in use. Given the fact that many health systems are only in the early stages of implementing patient-facing digital tools, it stands to reason that those providing a solid ROI would be targeted first.

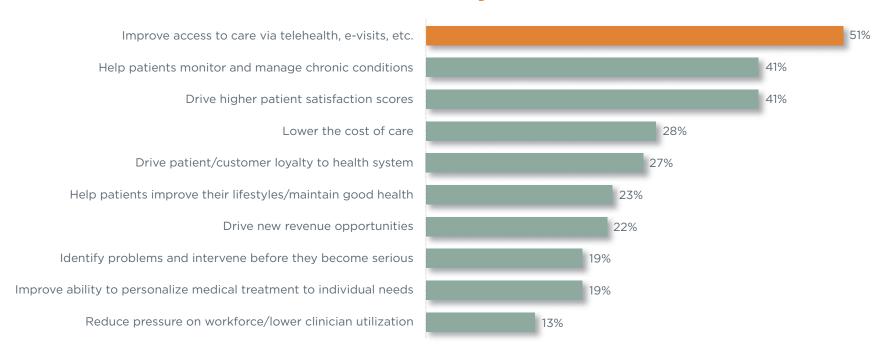




Improving access, care, satisfaction driving use

Respondents said the biggest drivers for implementing patient-facing digital tools are to improve access to care, help patients monitor and manage their health, and deliver higher patient satisfaction.

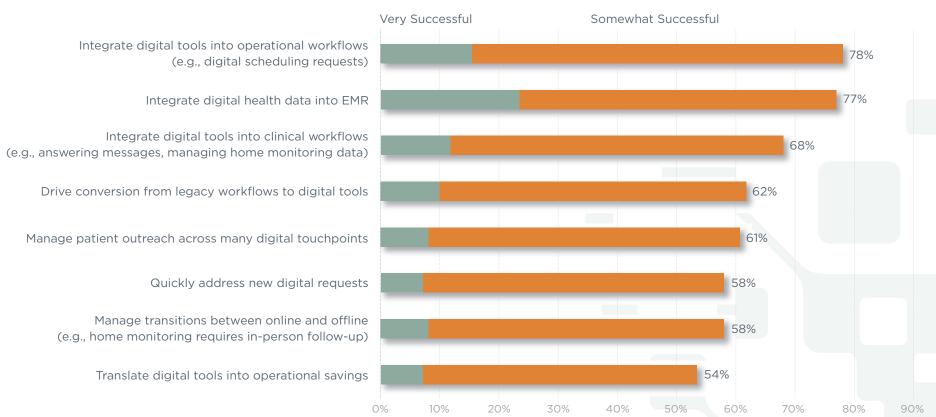
What are the drivers for digital health tools?



Digital tools less likely to lead to cost savings

Health system respondents said their organizations are more likely to be successful integrating digital tools into operational workflows than translating the use of these tools into cost savings.

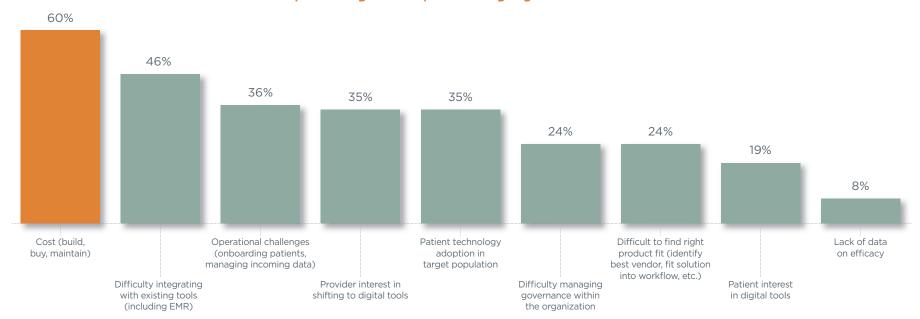
Rate your success with the following



Cost is top implementation challenge

Respondents cited a number of challenges to adopting digital tools with the cost to build, buy and maintain tools, difficulty integrating tools with existing systems such as EHRs, and operational roadblocks topping the list.

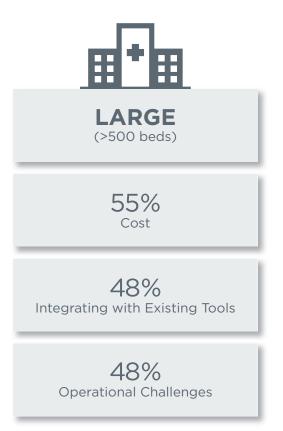
Top challenges to implementing digital health tools



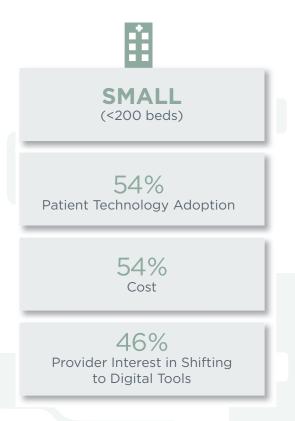
Small hospitals cite patient adoption as top challenge

While respondents from large and mid-sized hospitals were more likely to cite cost and integration with existing tools as their top challenges with adopting patient-facing digital tools, survey takers from small hospitals said adoption by patients was their biggest challenge.

Top challenges, broken down by hospital size







About the CCM

The Center for Connected Medicine (CCM) is a gathering place where those seeking to drive improvements in health care through technology come to connect and inspire each other, both in the real and digital worlds.

The CCM, jointly operated by GE Healthcare, Nokia, and UPMC, connects and inspires leaders and innovators through original research and industry analysis, virtual events, and on-site experiences.







Learn more at connectedmed.com

@connectedmed







View more about the digital patient experience in health care from the CCM and its partners at **connectedmed.com** and **@connectedmed**





