

Healthcare providers from hospital and health systems are applying these tools to advance the health of people and populations, reduce costs and improve experiences.

transformation possible

Healthcare providers now have more technology options to support evidencebased care, and they can leverage new systems of engagement that improve care experiences for patients and providers. That technology is part of an evolution in the industry that's moving toward better integration and collaboration between healthcare disciplines as well as value-based care.

Digital innovations are quickly helping to transform modern industries.

The future of healthcare is going to focus on taking patient-centered care models to the next level. Healthcare delivery is moving away from quantity, or fee-per-service approaches toward value-based care that provides incentives for good health outcomes. Healthcare organizations will need better data management, increased interoperability, and better ways to measure outcomes so they can reduce healthcare costs, identify opportunities to improve and build

an organization that delivers a high-quality experience for the people they serve. Why we need transformation in healthcare

Clinical information technology (IT) moving toward more centralized and connected enterprise IT infrastructures that support efforts to improve data

The healthcare sector faces challenges — including stringent regulation, privacy

seeing how the benefits of the digital revolution are profoundly transforming the

concerns and steeply rising costs — yet healthcare professionals are already

industry. These changes include:

management, interoperability and clinical systems integration. Clinical devices becoming more connected, which can help medical professionals work faster and more efficiently so they can spend more time with patients and reduce healthcare costs.

disruptive innovations that have the potential to rapidly scan and manage huge volumes of healthcare data, which could allow care teams to retrieve medical histories more quickly than before. Uniting clinical and enterprise IT networks will help lead to increased healthcare

Beyond these changes, artificial intelligence (AI) and data analytics tools are

interoperability and ultimately give healthcare organizations more tools that

help their teams spend more time on patient-centric tasks and less time on routine administration.

approaches that have transformed their organization.

Disruptive innovation

Explore the results

healthcare services, and digital tools like automated billing have changed

Digital transformation in healthcare

administrative processes. Ultimately, digitization has made it easier for data to be stored, accessed and shared. Disruption involves newer technologies, such as artificial intelligence, mobile technology, analytics and cloud, which are changing the ways in which people, organizations and governments interact. These disruptive innovations are providing an unprecedented level of connection between people and leading the world to become more consumer-centric. As healthcare evolves, more health

system integration will bring together digital functions or processes across

technologies are also helping to achieve medical interoperability among payers,

Digital transformation in healthcare is ongoing and will involve a fundamental

engage with patients, consumers and stakeholders. Once a series of segmented

reimagining of the way payers, healthcare providers and others operate and

activities, healthcare is evolving into an integrated ecosystem in which

enterprises that used to be separate. Advancements in EMRs and other

providers and other healthcare organizations.

In healthcare, the evolution of how and when professionals use technology has

involved setting up digital capabilities that support routine healthcare processes

or services. CT scans and MRIs are examples of how digitization has changed

had three stages – digitization, disruption and transformation. Digitization

healthcare professionals can effectively address their challenges on a larger scale while maintaining a patient-centered focus and delivering value-based care.

Inland Empire Health

Achieved USD 41 million

Implementing management

employees, improve services

practices to support their

and increase efficiency.

annual saving after

Plan

Prudential Financial

Pinpointed specific

wellness.

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(PDF, 1.6MB)

opportunities to engage and

assist employees to improve

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their health and financial



healthcare costs

Healthcare transformation and value-based care

patients they serve.

See value-based care \equiv

Rogers Behavioral

Sees 1,000 more patients per

year after streamlining its

screening processed and

benchmarking its treatment

plans against industry best

Health

practices.

Analytics and AI solutions could be used to analyze and collect relevant information from this wealth of information to help healthcare providers, hospital and health system leaders, and caregivers discover and apply learnings in innovative ways. AI and interoperable systems could ultimately help

organizations find meaningful insights that help them provide more value to the

healthcare technology and data to support decision-making thanks to the vast

amount of medical, genomic, population health and performance data available.

To successfully make the shift to value-based care, healthcare organizations

management. The good news is that there are more opportunities to use

need more precise and accurate information as well as better data

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IBM Watson Health and transformation IBM® Watson Health™ is creating solutions to help enable a smarter, more connected healthcare system that can assist healthcare providers to deliver better care by empowering people to make better choices. In addition to the company's investment in healthcare technology research and innovation, IBM healthcare solutions enable organizations to achieve greater efficiency within

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their operations, collaborate to help improve outcomes, and integrate with new partners for a more sustainable, personalized and patient-centered system focused on value.

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Healthcare transformation In this webinar replay, managing partner Josh Berlin moderates a discussion about

best practices.

Digital transformation

collective expertise.

Aggregate image access and

with diagnostic-quality image

promote rich collaboration

sharing.

Healthcare analytics IBM and Aramark partner to This approach is improving speed digital healthcare healthcare with connected transformation and bring analytics technology.

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care decisions.

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Patient-centered care

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Reducing

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