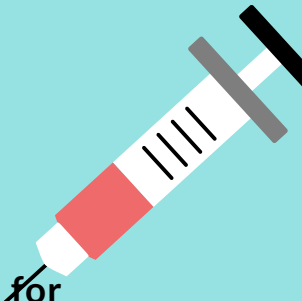
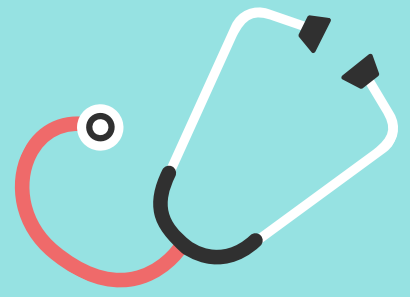


5 EMERGING TRENDS IN HEALTHCARE



Healthcare's reinvention is being driven by two main factors: the search for economic sustainability and digital disruption. Healthcare spending is on an unsustainable trajectory, thanks to demographic shifts and globalisation. But just as health systems need to contain costs, digital health has emerged to enable approaches that are dramatically more cost-effective.

Ahead of Disrupt Healthcare and Victorian Healthcare Week 2018 we take a look at emerging trends in healthcare and explore how they are affecting, influencing and shaping the future of Australian healthcare delivery.



1 AGING POPULATIONS AND CHRONIC ILLNESS

Chronic diseases and conditions are on the rise worldwide. An ageing population and changes in societal behaviour are contributing to a steady increase in these common and costly long-term health problems.

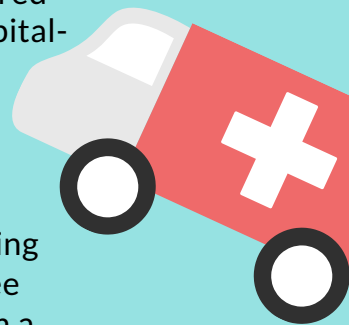
Impact: New delivery models are emerging to address growing chronic care demands. Technology has a key role to play. Advancements in precise detection and diagnoses of disease will go far to minimise the cost of treating chronic conditions. New knowledge of genome sequencing and molecular diagnostics has given health sciences a better understanding of the precise nature of diseases and pathways to develop personalised treatments.



2 EMPOWERED POULATIONS

Consumers today want a healthcare experience that mirrors the convenience and transparency of their banking, retail, transportation and other purchasing experiences.

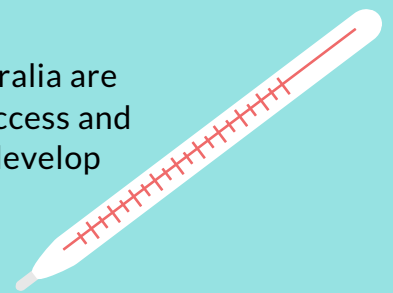
Impact: Consumers are taking advantage of unprecedented access to information to become more diligent and informed about their health. Patients are demanding more sophisticated, convenient, transparent, affordable and personalised service. As such Patients are also welcoming the flexibility that technology brings to their care. Increasingly, they are willing to be monitored wirelessly for their conditions, and to consider receiving traditionally hospital-based medical treatments, such as chemotherapy, at home.



3 HARNESSING BIG DATA

Digital health care technology is delivering solutions to tackle the increasing need for better diagnostics and more personalised therapeutic tools. Three key developments are helping healthcare organisations mine insights from a myriad of data sources, including cloud computing Internet of Things and electronic health records.

Impact: Governments all over the world, including ours here in Australia are having to write and pass new legislation designed to mitigate data access and security concerns. Moreover nurses and clinical staff are having to develop new skill sets to effectively leverage this information.



4 EMERGING TECHNOLOGIES

The healthcare landscape is changing exponentially and emerging technologies like robotics, VR, automation, AI, 3D printing and drones are expected to have far-reaching implications in terms of diagnostics, treatments and delivery of care in the future.

Impact: Whether we like it or not, emerging technologies are the future of healthcare. Access to quality, affordable healthcare, and good health for everyone, are the ultimate goals. The economic and social advantages to be gained from integrating these technologies seamlessly into our existing healthcare systems, and then creating new models of healthcare based on these technologies, are enormous.



5 AGING WORKFORCE

The shortage of human resources and a retiring healthcare workforce is presenting an alarming trend. There is already a want for skilled doctors, nurses and other healthcare providers despite demand for services is rising. Current systems will be unable to keep up with the swelling health needs of the population. According to the World Health Organisation, by 2035, we face a projected shortage of 12.9 million healthcare professionals globally.

Impact: Governments are looking for low-cost, efficient solutions to reform healthcare and address their depleting resource issues. By focusing on experience, engagement and strategic change management, healthcare providers are looking to reform their workforces and encourage future up-take.



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