

connect

Imaging news from Siemens Healthineers

Issue 09 | July 2016

What's trending in Healthcare?



This is my first address to all of you through *iConnect* and coincidently it also happens to be the second anniversary issue.

While a lot has changed in the diagnostic imaging industry, we at Siemens also incorporated a big change. We have a new brand name – Siemens Healthineers. It is unique and bold. It exemplifies our pioneering

spirit and engineering expertise in the healthcare industry. It also best describes the organization and the people accompanying, serving and inspiring you, the people behind outstanding products and solutions.

I would also like to use this opportunity to share one more exciting news. Last month, Siemens Healthineers was awarded the **Symbol of Excellence** in the category of Medical Devices and Equipment at The **Best Healthcare Brands 2016** held by ET Edge, an **Economic Times Initiative**. On behalf of Siemens Healthineers, we are very thankful to all our customers for trusting us as their partners, leading us to receive such accolades.

Being the innovation leaders, we always strived towards providing value to our customers. With this thought, we presented the global healthcare trends in our first anniversary of *iConnect*. In our second anniversary edition, we present you five trends that will be witnessed in the Indian healthcare industry in the coming years. These are...

- Standardization of quality of care
- Technology as growth driver
- Healthcare industry to be the employment booster
- Structures in Transition
- Integration of diagnosis and therapy

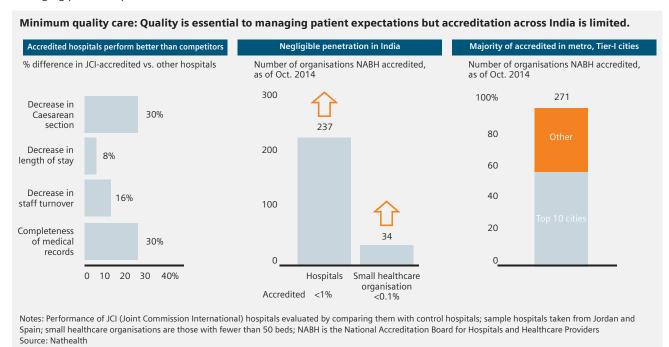
In this edition, we have briefly touched upon these five trends. We hope, it will be an interesting read for you.

Best Regards,

Vivek Kanade Executive Director, Siemens Healthcare Private Limited

Trend I: Standardization of quality of care

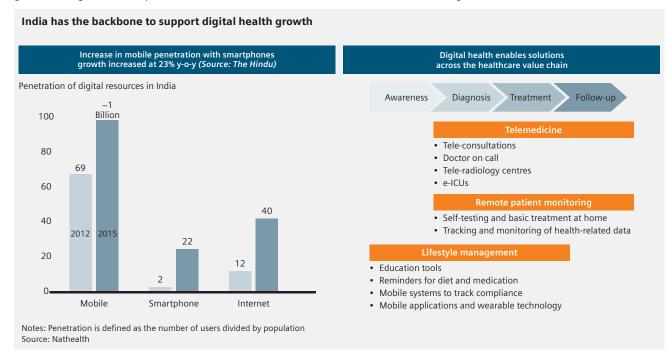
Accreditation of healthcare institutes is seeking attention in India primarily to standardize their protocols and enhance the quality of patient care. Quality of care is also essential in managing patient expectations. However, accreditation in India is still limited. Nearly <1% of hospitals were accredited in India as of 2014¹. Standardization in quality of care is expected to grow in India and will be observed as one of the trends.



Trend II: Technology will drive the growth

Technology trends like IT enabled services, telemedicine, local for local R&D and manufacturing, mobile and wearable technology, etc. are likely to shape the future of healthcare in India. Forecasts predict that Brazil, Russia, India, China and Indonesia will be the sources of the most dynamic growth in digital consumption. The number of Internet

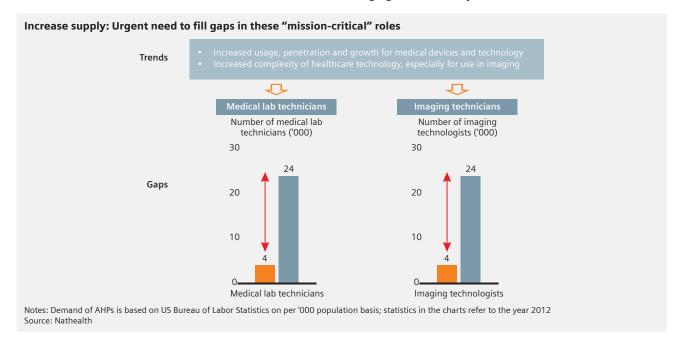
users in India is expected to reach 402 million by December 2015, registering a growth of 49 per cent over last year according to a report by Internet and Mobile Association of India (IAMAI). According to the latest report from TRAI, the number of mobile phone subscribers in India has almost touched the billion figure mark.



Trend III: Healthcare will be the employment booster

Despite producing massive numbers of health professionals, the number of doctors with recognized medical qualifications under the Medical Council of India (MCI) Act and registered with state medical councils was only 0.9/1000 inhabitants in 2010². The number of nurses is also 0.9/1000 inhabitants in India². Healthcare services are

expected to generate demand for 1.5 million to 20 million new jobs for doctors, nurses and allied health professional by 2025¹. There are a few technical roles like laboratory and diagnostic imaging technicians, which need immediate attention, because there is an increase in the penetration of imaging and laboratory devices.



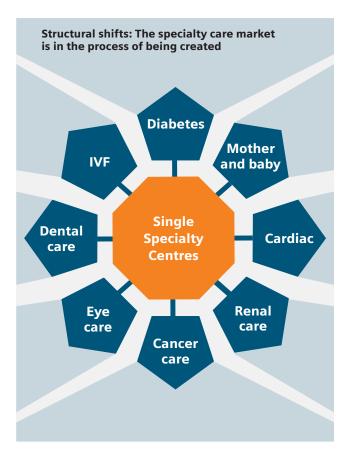
Trend IV: Structures in Transition

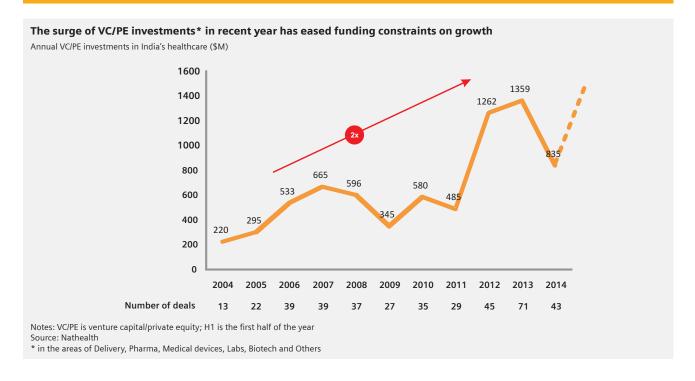
Consolidation, integration, and specialization are typical industry buzzwords. They have also become international healthcare buzzwords and key concepts for driving and shaping changes in health systems.

Consolidation allows all players in healthcare systems, providers in particular, to benefit from integration, specialization, big(ger) data and increased patient attraction. Providers consolidate through mergers and acquisitions, collaborations, as well as franchising and certification models. Integration helps avoid redundant tests or administrative tasks and reduces the risk of errors due to information gaps, about incompatible drugs and allergies, for example.

Healthcare executives have found that specialization can help improve workflows and cut back on errors or oversights. Care paths and workflows can be optimized for a specific disease condition, such as stroke or acute myocardial infarction. And of course, this works best with a specialized team. By specializing on patients with a certain medical condition, clinicians and non-clinicians are more aware of costs per services and how they affect the total fee of the care cycle.

Funding was one of the biggest constraints in transition of structures. However, surge in VC/PE investments in the recent years has overcome this issue.

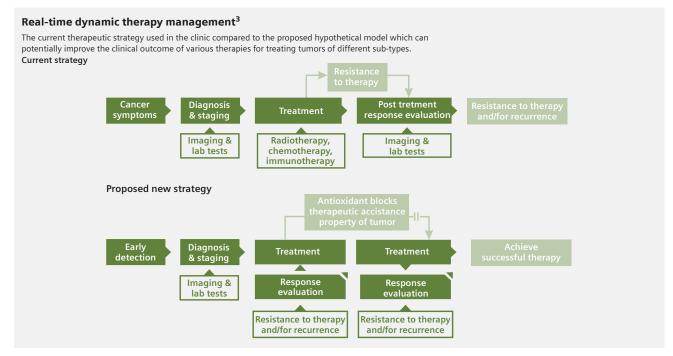




Trend V: Integration of diagnosis and therapy

Non-communicable diseases are estimated to account for 53% of all deaths in India². It is estimated that NCDs will cost India \$6.2 trillion by 2030^{1} .

Improved imaging and laboratory tests support more accurate diagnosis and more appropriate, less invasive treatments.



Source: ¹Nathealth, ²World Health Organization, ³Siemens Healthcare (Basis: Theranostics 2013; 3(6): 437-447. doi:10.7150

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