

**Els 10 reptes que tenen les TICs
en l'àmbit de la salut en els
propers anys**

***The 10 challenges in Health IT in
the coming years***

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Worldwide Themes

- Cost: Europe, Asia, North America, Middle East all say the same: too high
- Quality: Again, all say the same: too low
- Access: patient access to care is uneven and at time unequal regardless of delivery or payment system

Trend 1: Cost

- Global challenge
- OECD: less than 20 percent of the world's population, but spend 90 percent of the world's resources on health
- In US, 16.7% of gross domestic product on healthcare (\$2,000,000,000,000)

Trend 2: Aging and Specialisation

- Today: 8% of world's population over 65
- 2030: 12% will be over 65
- With age, chronic diseases increase
- With longer life, more costs

Trend 3: Consumerism

- Shift of focus from process to the patient
- PHR is just one example of consumer involvement
- patient support and education materials, as well as the clinician-sourced information, will be both expected and demanded by patients

Trend 4: Workflow Improvement

- E-H-R = less time on administrative tasks and more time for direct patient care
- Even with technology, the world will continue to require more doctors and nurses
- Caregivers must be involved in the process to integrate technology into every patient-care scenario

Trend 5: Medical Home

- Medical Home: place of ongoing care and consistent care givers
- Healthcare costs could decrease by 5.6 percent if all patients had a medical home

Trend 6: EMR Quality

- HIMSS Analytics: Electronic Medical Record adoption progress correlates to the quality of care
- Size not a requirement for IT adoption or improved quality
- Quality solutions: coordination of care among providers and computerized test results

Trend 7: Internet Use

- Some 1.4 billion people worldwide use the Internet
- 4.5 percent of all Internet searches are for health-related information
- healthcare organizations have introduced patient portals

Trend 8: Mobile Devices

- Telemedicine, as clinicians use this technology for remote diagnosis
- Quality healthcare demands a local approach
- Practical applications using open source software and SMS/MMS telereferrals, a simplified technology

Trend 9: Human Genome

- Learn more about the cause and treatment of disease, and how each person reacts
- Healthcare delivery will evolve from reactive to proactive medicine
- Electronic health records, clinical databases and all knowledge bases must operate with interoperability

Trend 10: Standards

- Development and adoption of universal health IT standards
- Integrating the Healthcare Enterprise, or IHE, is a global initiative managed by healthcare professionals and industry

Conclusions

- Collaboration
- IT strategic planning
- Interoperability brings global healthcare together