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Healthcare in the digital society

The current migration to the Digital Society is the most profound change in human history. Computers, the Internet, social media, and mobile phones are disrupting our economy and change life forever. Information is one of the key elements of life on this planet, and our future depends on how we understand and manage information systems. The effects of the worldwide community are not fully understood. This presentation analyzes the impact of the Digital Society on healthcare and explores, among other developments, the Internet of medical Things (IomT), the future role of big data in healthcare, the impact of Industry 4.0, and the role of information symmetry, as well as the need for transparency. In this context, the reasons for the varying speed developments in certain regions/countries are explored, including the replacement of jobs by devices and systems. An analysis of the impact of the Digital Society on healthcare is overdue as healthcare has been slow in tackling even the most basic functions, such as documentation and financial processing. If one connects the dots, then healthcare should not continue as usual: We do not need more huge hospitals because the patients will be cared for in a virtual space that includes the patient's home, clinics, fitness and wellness centers, as well as other places. It is important to understand how healthcare financial systems and hierarchies must change.

Biography

C Peter Waegemann was CEO of Medical Records Institute for over 25 years. He was also Executive Director of Center for Cell-Phone Applications in HealthCare (C-PAHC) and President of mHealth Initiative. Since the 1980s, he has been a visionary and promoter of electronic medical record systems (EMRs). He is internationally known as one of the top experts in healthcare informatics, has published both in the US and in Germany, and is a sought-after speaker on EHRs, eHealth, and mHealth. He has special expertise in electronic patient record systems, standards, networking, telemedicine, and the creation of the national information infrastructure. He has testified to US Congressional committees. In 2007, he was cited as one of 20 outstanding people who make healthcare better (HealthLeaders). He is the Author of hundreds of publications, and the Editor of 18 proceedings books; 100+ published articles and the Past Editor-in-Chief, "Health IT Advisory Report".

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