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# THE PATIENT WILL SEE YOU NOW

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The FUTURE of MEDICINE  
is in YOUR HANDS

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Eric Topol

*Author of The Creative Destruction of Medicine*

Eric Topol

The Patient Will See You Now: The Future of Medicine Is in Your Hands



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The fundamental guide by among America's leading doctors to how digital technology enables most of us to take charge of our health A trip to the physician is almost a warranty of misery. That's, for all of us. You'll probably wait for several hours until you hear "the doctor will see you today"-but only for fifteen minutes! Then you'll wait also longer for tests, the results of which you'll likely hardly ever see, unless they indicate further (and more invasive) exams, most of that may probably prove unnecessary (very much like physicals themselves). There's no doubt the path forward will be challenging: the medical establishment will resist these adjustments, and digitized medication inevitably raises serious issues surrounding privacy. Massive, open, online medicine, where diagnostics are done by Facebook-like comparisons of medical profiles, will enable real-time, real-world analysis on substantial populations. Provocative and engrossing, *THE INDIVIDUAL Will See You Now* could be essential reading for anybody who thinks they deserve better health care. The change is powered by what Topol calls medicine's "Gutenberg moment." Very much as the printing press had taken learning out of the hands of a priestly class, the mobile internet does the same for medicine, offering us unprecedented control over our healthcare. With smartphones at hand, we are no longer beholden to an impersonal and paternalistic system where "doctor knows best. Even so, the result-better, cheaper, and more human health care-will be worthwhile. now it'll be democratized. Computers will replace doctors for many diagnostic tasks, citizen technology gives rise to citizen medicine, and enormous data pieces will give us new methods to attack conditions which have always been incurable. In *THE INDIVIDUAL Will See You Now*, Eric Topol, one of the nation's best physicians, shows why medicine will not have to be that way. And your costs will be astronomical." Medication has been digitized, Topol argues; Instead, you could use your smartphone to get rapid test results in one drop of bloodstream, monitor your vital symptoms both day and night, and use an artificially smart algorithm to receive a diagnosis without needing to see a doctor, all at a part of the cost imposed by our modern healthcare system. You'll make an appointment months in advance.



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interesting read, hostile tone Topol makes some interesting factors, and I strongly trust his central argument that sufferers ought to be the owners of their personal medical data. Wow! Five Stars Important reading to everyone in medical and health-related industry. He also applies several uncommon genetic medical conditions to show his rationale for sufferers making their own medical decisions without the aid of the medical career - his point would have been much stronger had he used examples of more common medical scenarios. Overall I discovered some interesting facts about technologic developments in medication and genetics. This is an informative read, but the tone and clear anti doctor bias was somewhat distracting. I do think he underplays to function of greed in the health care system, but my crystal ball was cracked in an unforeseen accident.5\* Topol's earlier book - . All this would be very good if sick individuals were still in a position to always think obviously and follow their finest interests. In this reserve, Topol provides a extremely interesting thought framework to deduce "what's next? The Doctor is no more Needed. This book is normally well researched and created. While arguing for increased access for patient-related information to the patients, Topol clearly acknowledges the difference in information and understanding gaps and highlights that mere access is not sufficient, nonetheless it is a vital step in rethinking individual engagement and immediate participation. To further broaden on these themes, Topol borrows Eiesentien's characterization of printing press as a change agent and draws significant parallels with that transformation and smartphones, calling this the "Gutenberg moment". . Shifting beyond traditional logging products, Topol paints a realistic vision of the technology and the possibilities they already are creating such as from lab-on-a-chip to lab-in-body. Using relatively latest episodes such as FDA v/s 23andme and Angelina Jolie's aggressive preventive measures, Topol provides a very beneficial and engaging look at of how the healthcare system is clearly at an inflection point. In the next section, Topol focuses primarily on the main element enabling technologies that will make his vision of a democratized and personalized healthcare possible. Topol argues (successfully) additionally that the technology currently exists to enable this extraordinary period of creativity in health care. Along the way, his insights on the failures of EMR systems (using OpenNotes as a comparison), potential of "pre-womb to tomb" predictive/diagnostic versions is really worth the read. Whether you think most of these adjustments are good or not, Topol's work here is a huge amount of easy-to-understand education, impeccably researched, and a pleasure to read. A reader may also gain significant insights about some trailblazing companies like Theranos, QuantuMDx, etc. Actually? The Innovator's Prescription: A Disruptive Solution for HEALTHCARE, provided a radically new way to rethink service models - Topol's book does the same from the viewpoint of patient and the role of technology. These discussions exceed "disintermediation of doctors" and is definitely a must-read for anyone thinking about developing new service versions. A few years ago, In the third section, Topol objectively analyses the import of the changes (cultural and technological) on what healthcare will be delivered and consumed. That last piece is normally even more vital that you understand given Obama's latest proposal to sequence 1 million genomes. For instance, on a discussion crucifying Myriad and value of patents, he seem to dismiss the risk taken by private enterprises to generate these insights. Interesting undertake medicine's future. As a physician, I discover this scary and exciting. With the clarity of discussion aided by well-chosen examples and analogies bereft of needless cheer-leading, over 50 pages of notes/references, excellent diagrams accompanying some of the key concepts, Topol's reserve is well-poised to define the next big discussion on healthcare. With the aggressive growth of wearables and smartphones showing no signs of slowing, wider acknowledgement of individual participation as essential for healthcare outcomes, changing delivery models such as ACOs in

the US, some of Topol's vision may become reality sooner than even he appear to hope for. However, Topol has succeeded in offering a clear believed framework to assess and harness the part of cellular technology in reshaping healthcare ecosystems. As an individual, family members caregiver, and advocate, I'm thrilled. Some would describe Eric Topol as a "futurist", but that suggests he's talking about things 10+ years away. I believe of him as a "near-futurist" with a distinctive capability to synthesize the scientific and cultural tendencies emerging in different parts of medical care system, to help us see how it's about to get together. Criticisms on AMA could also not be completely fair even though there will always be "eminence-based medication" as Topol characterizes it, there is no doubt that some of it needs to be modulated better with patient-centric approaches. Must-read to understand the near-future of health care That is a must-read for anyone who wants to know how quickly and dramatically healthcare is changing..), tools that patients and households now have to be companions in their care, and an approachable review to how genomics is certainly finally bringing us personalized medicine. Sometimes, Topol perhaps extends the individual advocacy too aggressively. Actually, the chapter on the many -omics and their potential part (adapted from his popular paper in Cell) and examples on pre-diabetic and airway diseases in itself is worthy of investing in this book. While a wholesome skepticism is normally warranted in the promises of everything from holy wars to Renaissance to modern science and founding of american republic is certainly attributed directly to the printing press, one cannot very easily dismiss the "combinatorial intellectual activity" printing facilitated. The Creative Destruction of Medication: The way the Digital Revolution WILL GENERATE Better Health Care The Patient WILL TRULY SEE YOU Now will take us on a wonderfully created tour including: the finish of paternalism in healthcare (hooray! Great book Easy read, and great information Futuristic seemingly but happening now truly. More often than not the future is not what is imagined. That should not stop anyone from attempting! This book is compiled by a tech enthusiast who explains some opportunities that may hold the key to improving healthcare. discussed quantified-self, and areas of the app-centric health data logging and analyses and concluded that mHealth will form the foundation of healthcare disruption. Nothing about me personally without me - rethinking healthcare consumption 4. Providing a detour explaining the evolution of interpretations of the Hippocrates oath, Topol uses that opportunity to take issue (just as before) with the AMA and the entire practice around guidelines. of the future of health care that is probably as good as futurist ever are Dr Topol has a vision into the future of health care that is probably as good as futurist ever are..many people unaware. However, Topol starts his publication with much handed straw man argument with his portrayal of modern medication getting shameless paternalistic - this rings false to me and distracts from his primary point. I hope schools introduce your book as a must read.. I'm sure it was an excellent book, but We couldn't get very significantly before moving it on. while waiting for Doc.. While he fully acknowledges that info and understanding gaps are vital, he uses a few hand-picked examples of how extremely motivated individuals could actually be remarkably active with the medical diagnosis and treatment of their conditions (it really is hard to say how generalizable these episodes are). I'll pass Boring go through. Sad, tragic even, as I understand he is attempting to usher in the brand new age of technology, but in so doing he has dropped sight of the true people, both doctors and patients, who want to be able to use the equipment he's suggesting without getting hurt. He sees the demise of the general hospital as we know it and more DIY medication with the smartphone as the hub of great new sensors will give ICU monitoring in the home. However, the book lacks a logical progression of ideas and seems very random from one chapter to another. Ultimately only read 3/4 and decided to wing my report

rather than waste anymore period with this rambling. The continuing future of healthcare This is an excellent read for each and every physician and every patient who wants to understand the future of medicine and healthcare. Topol appears to quite definitely dislike and distrust doctors even though he is one himself. Didn't surface finish reading it. Worth the browse..."The 1st section expands his assertion that paternalistic healthcare systems (personified by FDA, AMA, and traditionalists) is really behind the days and the notion "nothing about me without me" is becoming increasingly not merely feasible but also demanded by the individuals. The discussion around how 3 of the 5 imaging technologies have already been miniaturized to hand-held products is a obvious indication of the realism embedded in Topol's assertions. As a practicing Family members Practice Physician for over two decades, I've lived through our conversion from paper to digital charting, worked in both academic and HMO settings, and also have experienced first-hand many of the topics Eric Topol addresses in "The Patient WILL TRULY SEE YOU Now," and I'd not recommend this reserve. Dr. Topol is similar to a Tesla driver who is so trusting and enamored with his high tech gadget that he doesn't recognize his GPS has simply driven him off a cliff. Had to select a book about switch for our class and I certainly picked the incorrect one. In this book, he means that we will no longer want hospitals because people will be able to be managed aware of high-tech homes. Really? He promotes the 2005 five Rand research that was funded by the self-same tech companies who finished up profiting from it when the government used it to justify our transformation to EMR's which have turned me into a data-access clerk. If you are a tech junkie with an excellent head of smoke, you'll like Dr. Topol.



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