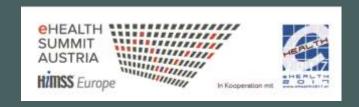
Information Driven Healthcare - Chance und Risiko für Gesundheitsversorger

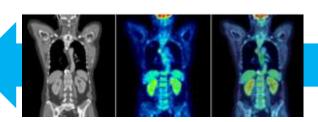
HIMSS Austria

Wien, Mai, 2017

Dr. med. Peter Langkafel MBA CEO











... die Realität ? health cubator



...Auswirkungen von digitalen Anwendungen?

...das Arzt-Patient-Verhältnis wird gestört

...ein technischer Gegenstand kann den Menschen nicht ersetzen

.....nur der Arzt kann das richtig messen und einschätzen...

.....die Patienten können damit nicht umgehen...

.....wir müssen das verhindern und den Patienten schützen...

Quelle: Mediamarkt

...Auswirkungen von non-digitalen Anwendungen?



Quelle: Mediamarkt

...Auswirkungen von digitalen Anwendungen?

Urheberrechtlich geschütztes Material Volker Hess ...das Arzt-Patient-V Der wohltemperierte Mensch Wissenschaft und Alltag des Fiebermessens ...ein technische en nicht ersetzen (1850 - 1900)Campusnur der Arzt kai tzen... umgehen...wir müssen das v schützen...

Quelle: Mediamarkt

... die Realität?



How likely would you be to choose these options, if they cost less than the traditional choice. Percent of respondents answering "Very likely" and "Somewhat likely"

54.8%

Send a digital photo of a rash or skin problem to a dermatologist for an opinion

\$358 million for evaluation of contact dermatitis and other minor rashes

49.1%

Have a wound or pressure sore treated at a clinic in a retail store or pharmacy

\$796 million for debridement

58.6%

Use an at-home strep test purchased at a store

\$150 million*

43.6%

Have an electrocardiogram at home using a device attached to your phone, with results wirelessly sent to your physician

\$2.9 billion for routine ECG

Do urinalysis test at home with a device attached to your phone

\$694 million for urinalysis by dipstick or tablet reagent

42.6%

Have a pacemaker or defibrillator checked at home wirelessly by your physician

\$110 million

for pacemaker evaluation

Have dialysis at a medical clinic in a retail store

\$1.9 billion

for at home hemodialysis

Have chemotherapy at home

\$3.3 billion

chemotherapy administration

Get an MRI at a clinic in a retail store or pharmacy

\$11.6 billion

for MRI without contrast



54.5%

Check vital signs at home with a device attached to your phone

48.3%

Have stitches or staples removed at a clinic in a retail store or pharmacy

46.9%

Check for an ear infection at home using a device attached to your phone

38.6%

Have a live visit with a physician via an application on your smartphone

\$42.1 billion

for office and outpatient clinic visits

Ouelle Deloitte, 2016

...die Realität

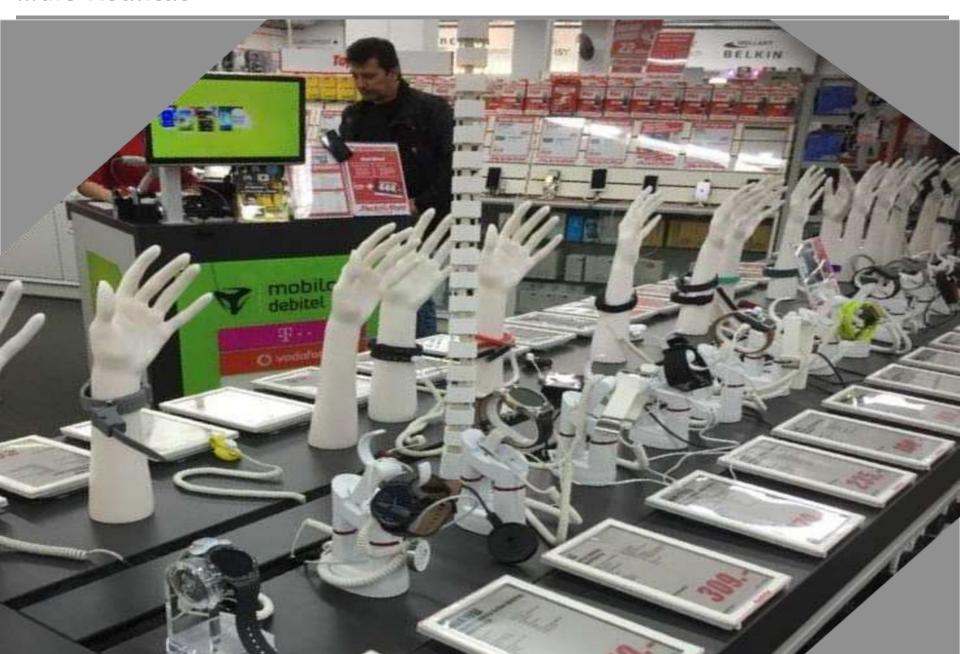
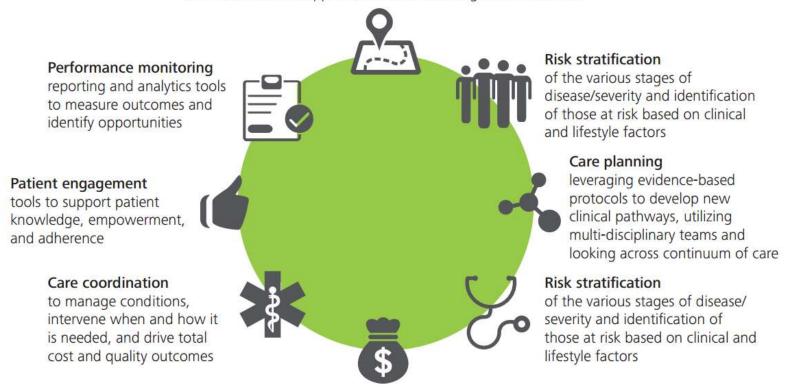


Figure 4: Providers are investing in new capabilities as they reconfigure around VBC models

Population health and opportunity assessment

of cost drivers and opportunities across settings and conditions



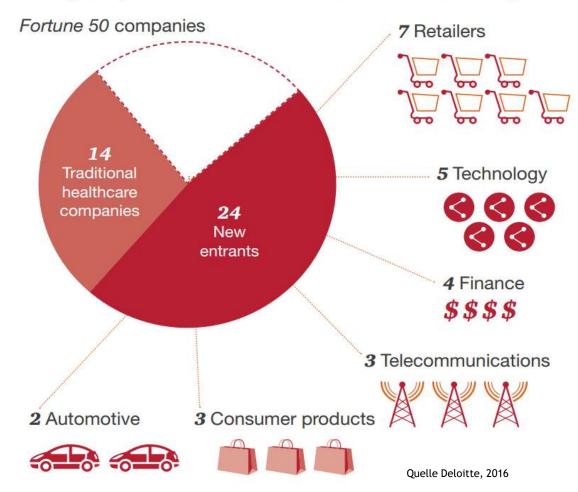
Payment models and incentive alignment

across stakeholders to provide higher-quality and cost-efficient care

Quelle: Change (Deloitte 2016)

Of Fortune 50 companies, 24 are new entrant.

The top companies also include 14 traditional healthcare organizations



Source: Fortune 50, 2013



Das Verschwinden des Kapitäns: Die Krise des Miroslav Klose / Sport

Süddeutsche Zeitung MÜNCHNER NEUESTE NACHRICHTEN AUS POLITIK, KULTUR, WIRTSCHAFT UND SPORT

STADTAUSGABE

Muscles, Mussay, 8. September 2006

64. (Mirgony 7.31. Worlds 7.30, 209 7.1,70 Euro-

Das Streiflicht

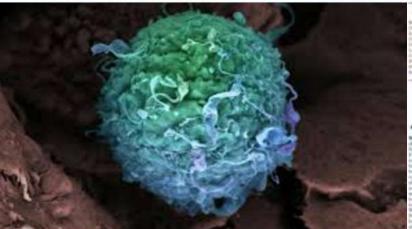
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Aus Enttäuschung über mangeinde Loyalität

Endlich: Computer heilt Krebs!

Außenminister Steinmeier übernimmt die Kanzlerkandidatur / Mit dem überraschenden Führungswechsel will die Partei aus der Krise kommen



Microscopic Falls Fig. 1

White State Control of Falls Fig. 1

White State Control of

To the principle of the

Außerdem in dieser Ausgabe

US-Regierung rettet Banken

Washington übernimmt rwei Mysotheken-Finanzierer

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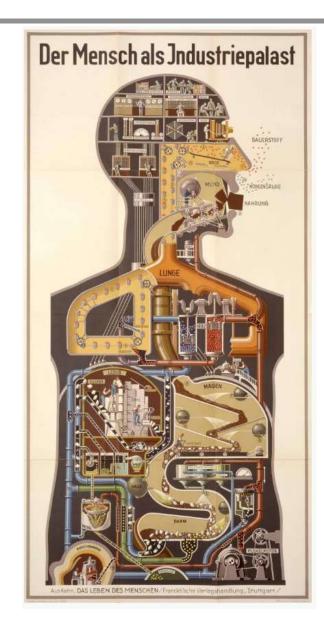
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Menschenbild?

health:cubator



Research

JAMA Psychiatry | Original Investigation | META-ANALYSIS

Efficacy of Self-guided Internet-Based Cognitive Behavioral Therapy in the Treatment of Depressive Symptoms A Meta-analysis of Individual Participant Data

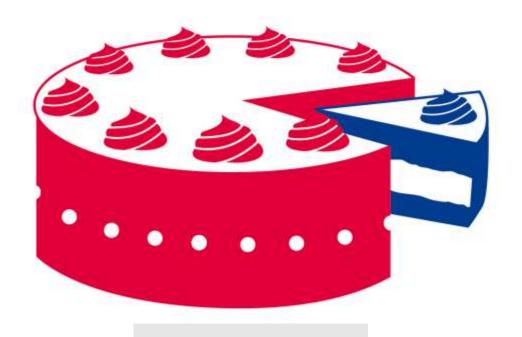
Firipi Karvotaki MSc. Heleen Riner PhD. Ios Tyrisk PhD. Adriaan Hoosendoom. PhD. Annet Kleihoer PhD.

gitalization will

CONCLUSIONS AND RELEVANCE Self-guided iCBT is effective in treating depressive symptoms. The use of meta-analyses of individual participant data provides substantial evidence for clinical and policy decision making because self-guided iCBT can be considered as an evidence-based first-step approach in treating symptoms of depression. Several limitations of the iCBT should be addressed before it can be disseminated into routine care.

JAMA Psychiatry. 2017;74(4):351-359. doi:10.1001/jamapsychiatry.2017.0044 Published online February 22, 2017.

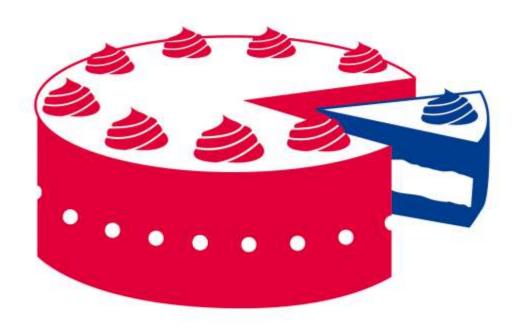
Source: Healthcubator; JAMA, November 29, 2016



aller Diabetiker wissen nicht, dass der Körper bei Diabetes mellitus II die Fähigkeit verliert, Glukose in den Zellen zu verarbeiten.

16

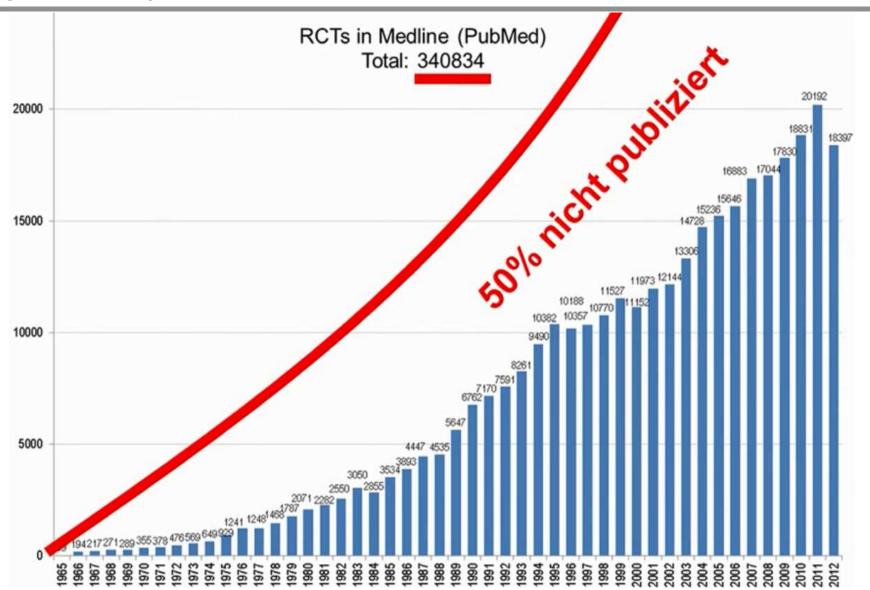
... die Realität ? health cubator



72%

aller Diabetiker wissen nicht, dass der Körper bei Diabetes mellitus II die Fähigkeit verliert, Glukose in den Zellen zu verarbeiten.

17



"Most Doctors, Healthcare Providers, Patients and Politicians do not understand health statistics."

Gigerenzer & Muir Gray 2011 (Eds). Better doctors, better patients, better decisions:

Envisioning health care 2020. MIT Press

Review Article

Toward Big Data Analytics: Review of Predictive Models in Management of Diabetes and Its Complications

Journal of Diabetes Science and Technology I–8
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DOI: 10.1177/1932296815611680
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Simon Lebech Cichosz, MSc¹, Mette Dencker Johansen, PhD¹, and Ole Hejlesen, PhD¹

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