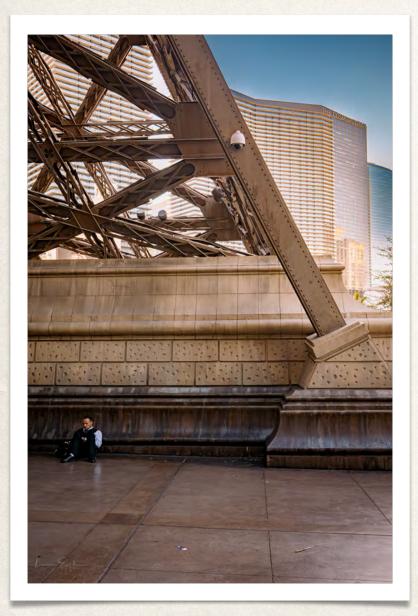


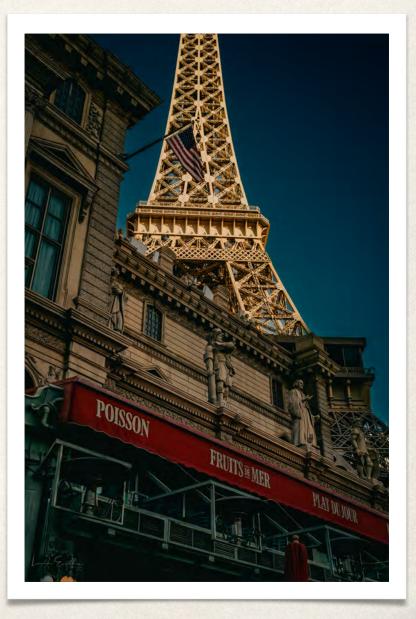
Lucium Englandin Iralia

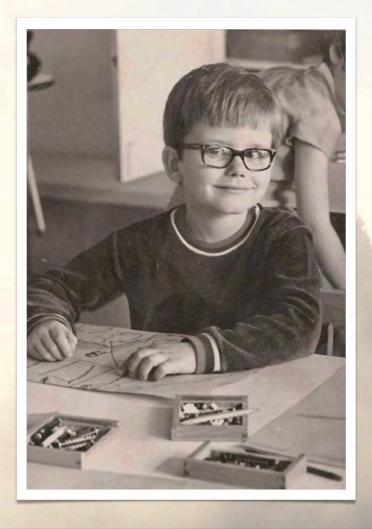


Lucium Englan Transform Mealth









Chief (im)patient Officer @Transform.Health

Health(care) Strategy & Digital Transformation Maven. International Ambassador Nursing Innovation. Speaker

Extremely (im)Patient, but makes things happen.

Faculty NextMed Health

Formerly known as Singularity University Exponential Medicine, Silicon Valley USA, since 2011

Part of initial group Global Linkedin Influencers

750.000+ followers & 150.000+ subscribers newsletter

Tyto Top 500 ranking

#1 Top HealthTech

#2 Top Business Leader in Tech (right after Richard Branson;-)

#4 Top Tech influencer overal







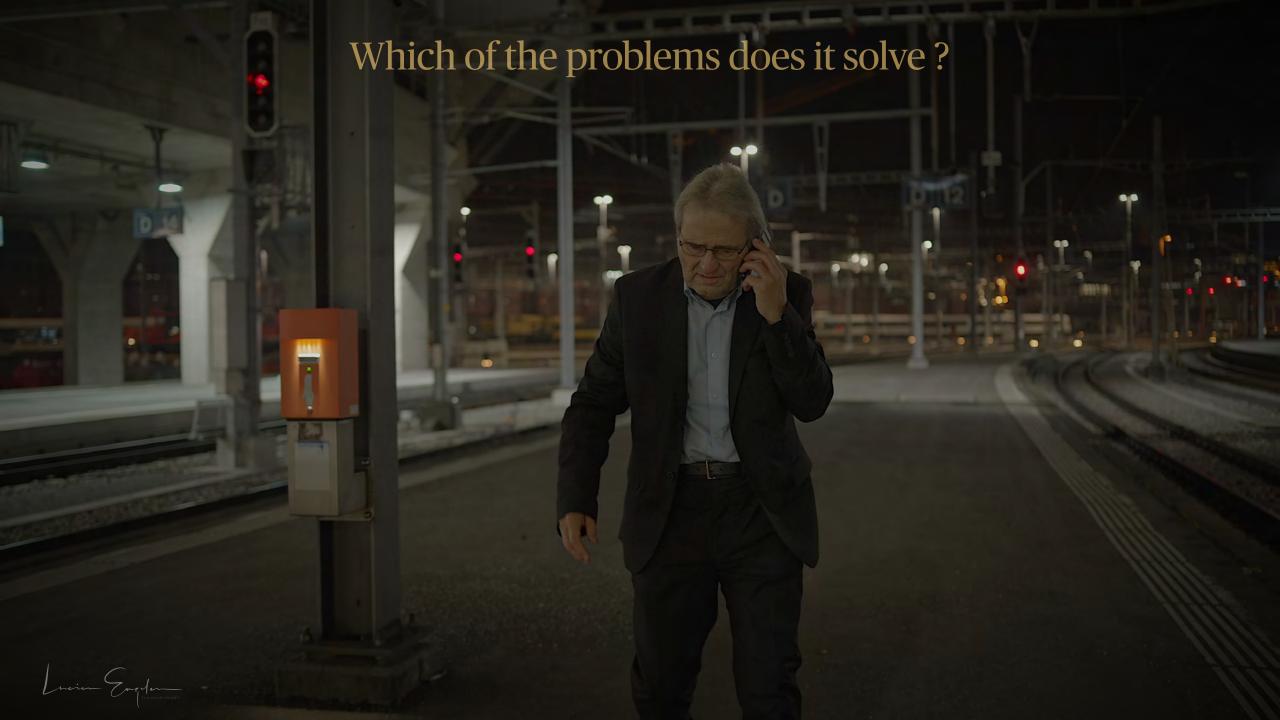


















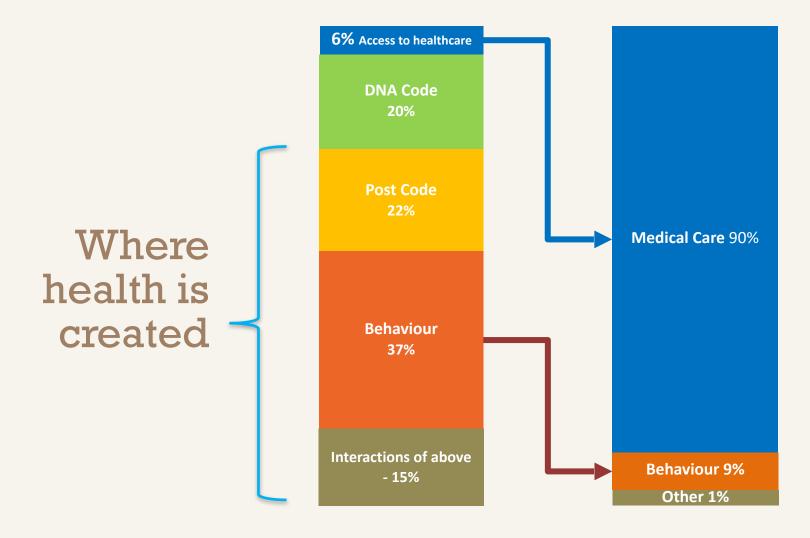
What is the percentage of impact of healthCARE on health?

0/0



Luim Englan

Drivers of health Where we invest





- Taking care of yourself
- Knowing your limitations
- Knowledge of health
- Managing time
- Managing money
- Being able to work
- Being able to ask for help
- Social contacts
- Being taken seriously
- Doing fun things together
- Having the support from others
- Sense of belonging
- Doing meaningful things
- Being interested in society

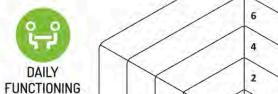


8

QUALITY OF LIFE

- Feeling healthy
- Feeling fit
- No physical complaints and/or pain
- Sleeping
- Eating
- Sexuality
- Physical condition
- Physical activity







- Being able to remember things
- Being able to concentrate
- Being able to communicate
- Being cheerful
- Accepting yourself
- Being able to handle change
- Feeling in control





MEANINGFULNESS

- Enjoyment
- Being happy
- Feeling good
- Feeling well-balanced
- Feeling safe
- Intimacy
- Housing circumstances
- Having enough money

- Having a meaningul life
- Having a zest for life
- Pursuing ideals
- Feeling confident
- Accepting life
- Being grateful
- Lifelong learning



Lancet Commission on Investing in Health: Global Health 2035

The potential economic returns on health investments, can be as high as <u>nine times</u> the original investment





"The Effect of Health on Economic Growth: A Production Function Approach"

Concluded that a <u>one-year increase</u> in a population's life expectancy can lead to an increase in <u>economic growth</u> of around <u>4 percent</u>.



The Effect of Health on Economic Growth: A Production Function Approach

David E. Bloom, David Canning, Jaypee Sevilla

Harvard School of Public Health, Boston, MA, USA

Lucian England

DOCTORS DON'T

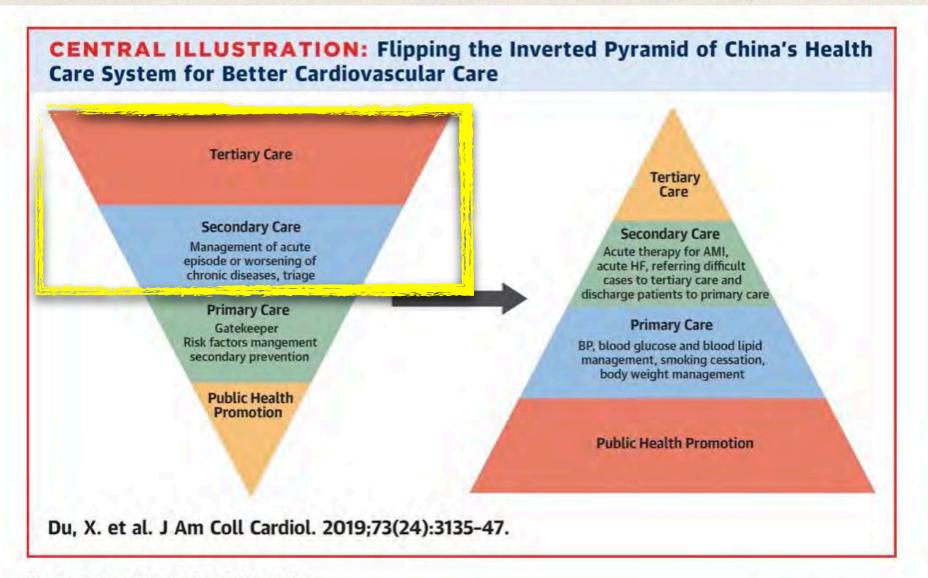
MAKE YOU HEALTHY.

TEACHERS DON'T MAKE YOU LEARN.

TRAINERS DON'T MAKE YOU FIT.
COACHES DON'T MAKE YOU RICH.

AT SOME POINT YOU HAVE TO REALIZE YOUR GROWTH IS

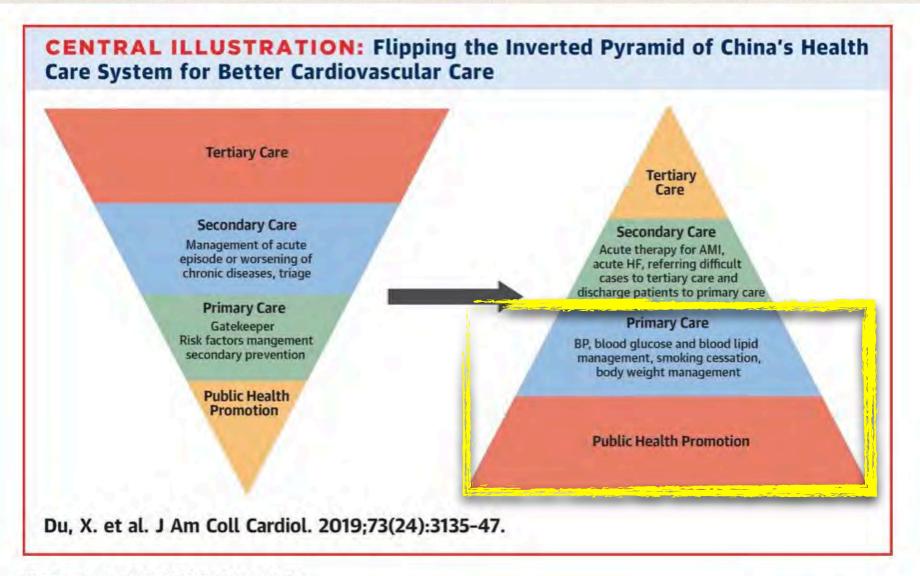
YOUR RESPONSIBILITY.



Xin Du et al. JACC 2019;73:3135-3147



Lucian Englan



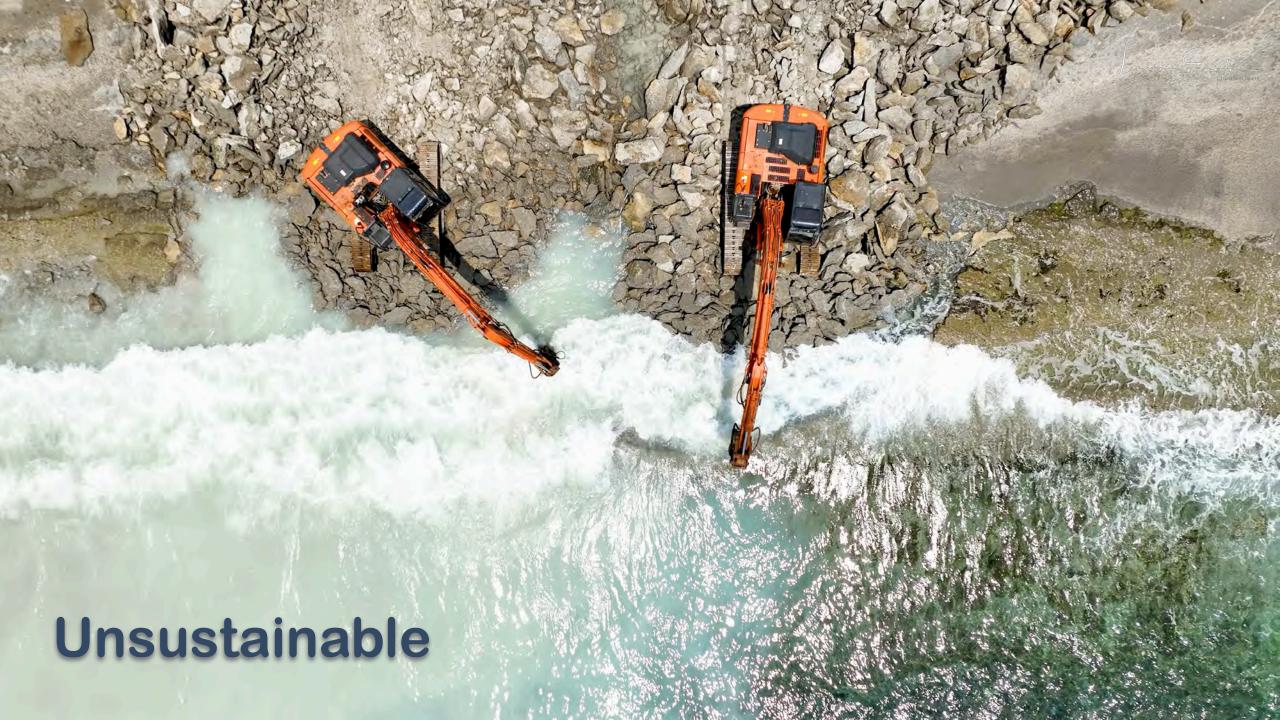
Xin Du et al. JACC 2019;73:3135-3147



Luciu Englan Transform Health







We are facing a new kind of

Code BLACK

Lucium England





Transform.Health

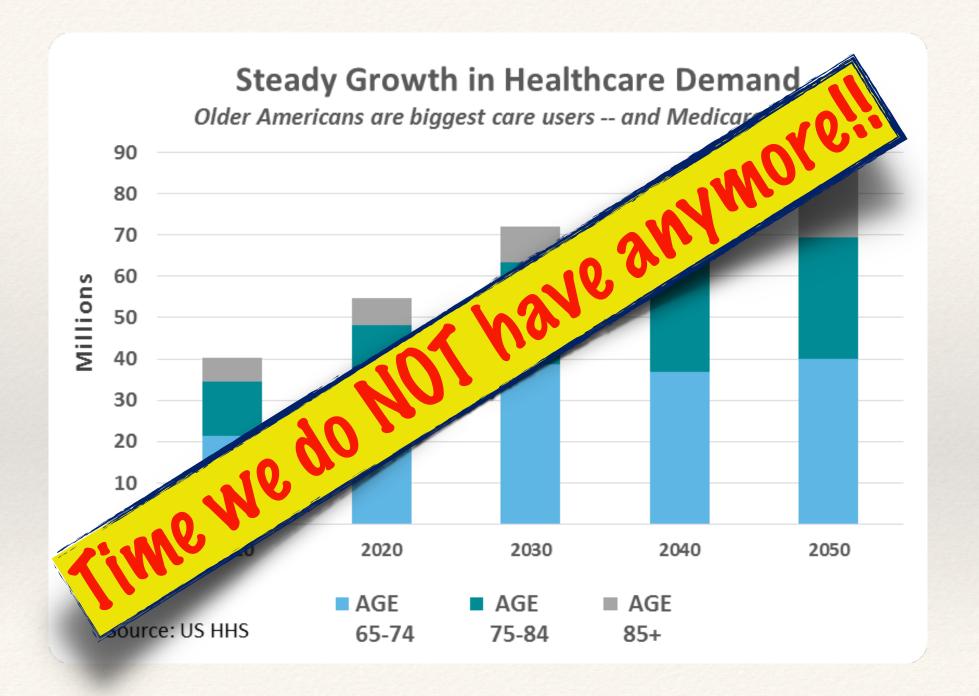
35%-54% Nurses and Doctors

79% GP Primary care physicians



"... 1 in 3 doctors and nurses report depression and 1 in 10 experienced recently passive suicidal thoughts ..."

WHO MeND survey, with 90.000 responses



Lucium Englow Transform. Health

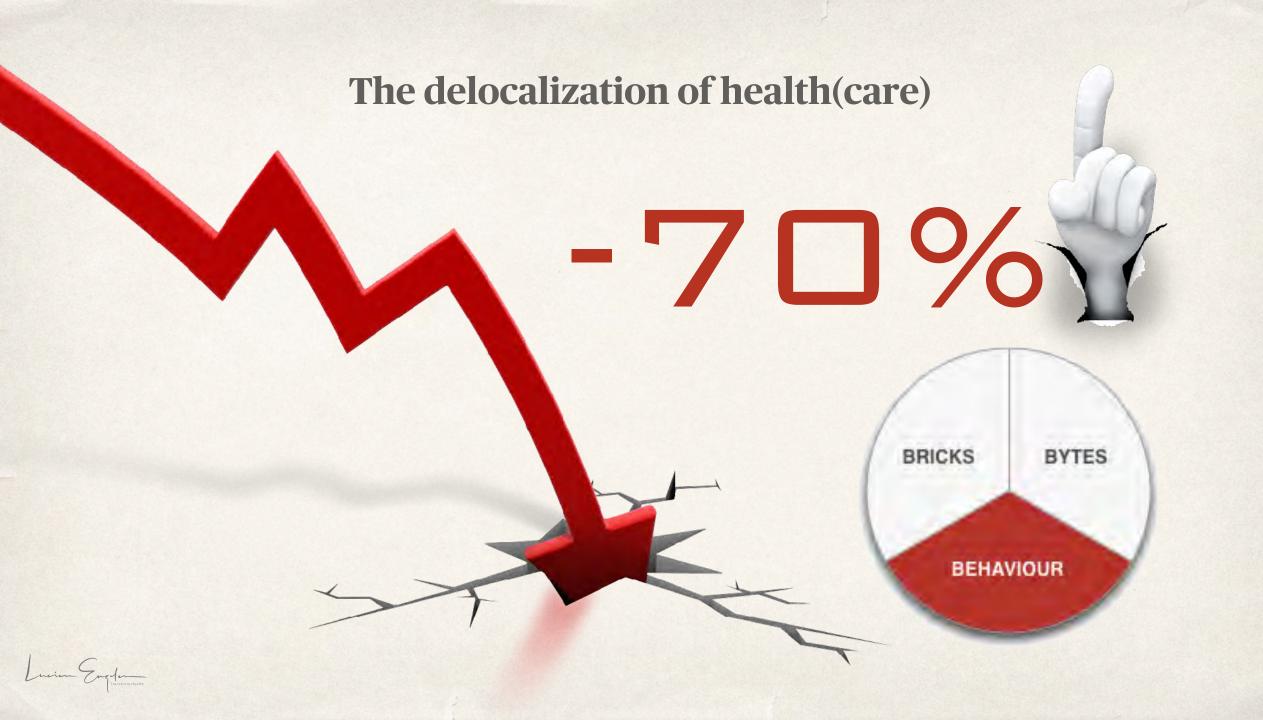


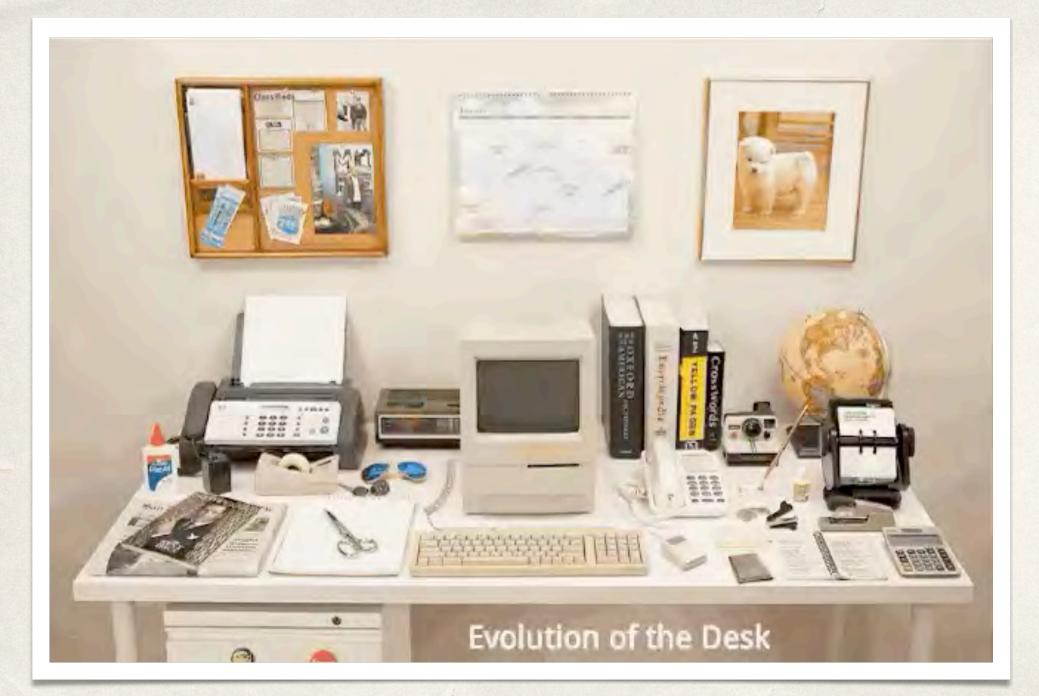
More health<u>care</u> ...

is <u>not</u> the solution for the current challenges,

... more health is!

Lucian Engles





Lucium Englan Transform. Health



Continuous glucose monitoring Possible display devices Insulin pump Smart watch 124 Smartphone or handheld device Cleveland Clinic © 2024 Sensor

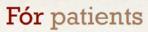
From a hassle to a Succes-story at scale

Lucian England Transform. Health

Lucian Englan Transform Mealth

Innovation shift







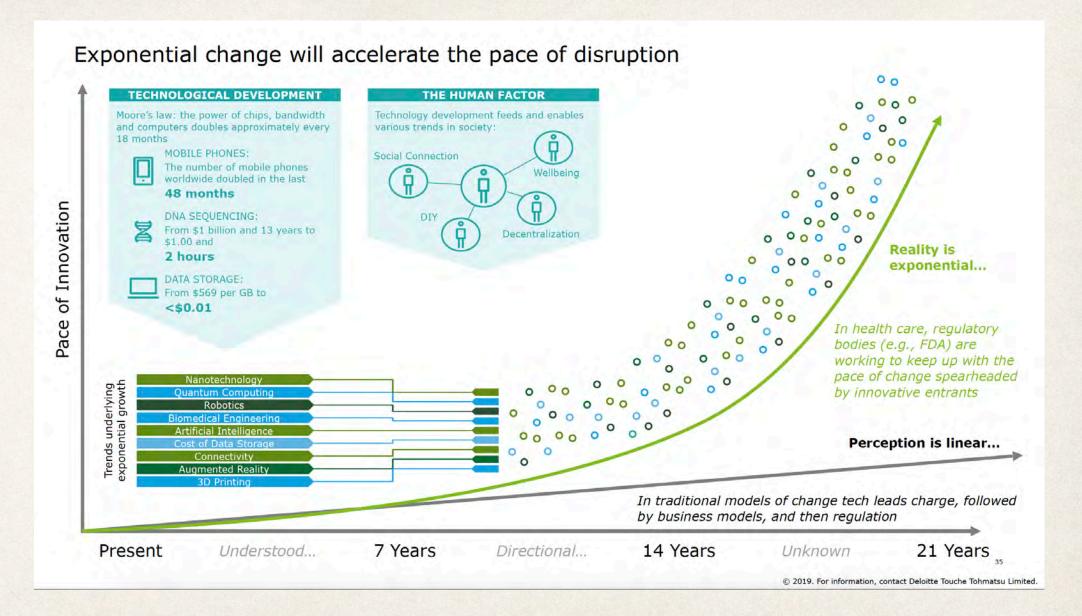


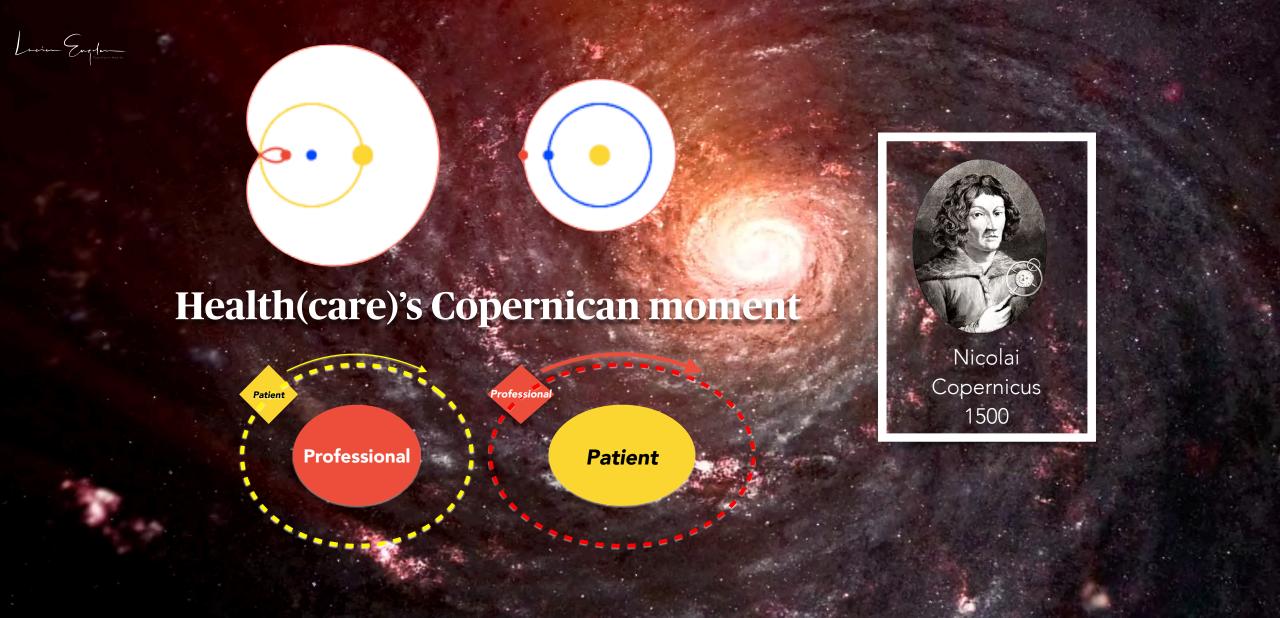






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Data, pattern recognition and Al will drive transformation

But this is no quick fix!

Personalised Medicine

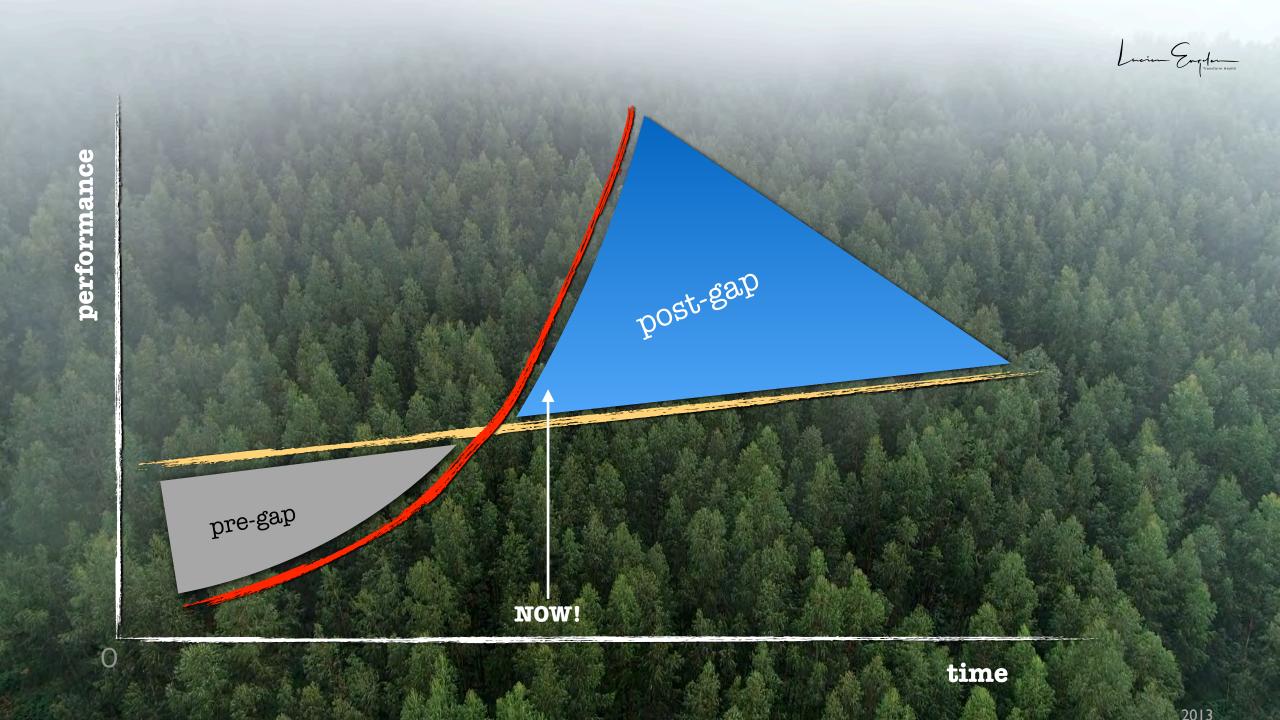


Personalised HealthCARE



Personalised Health

Lucian Englander Health

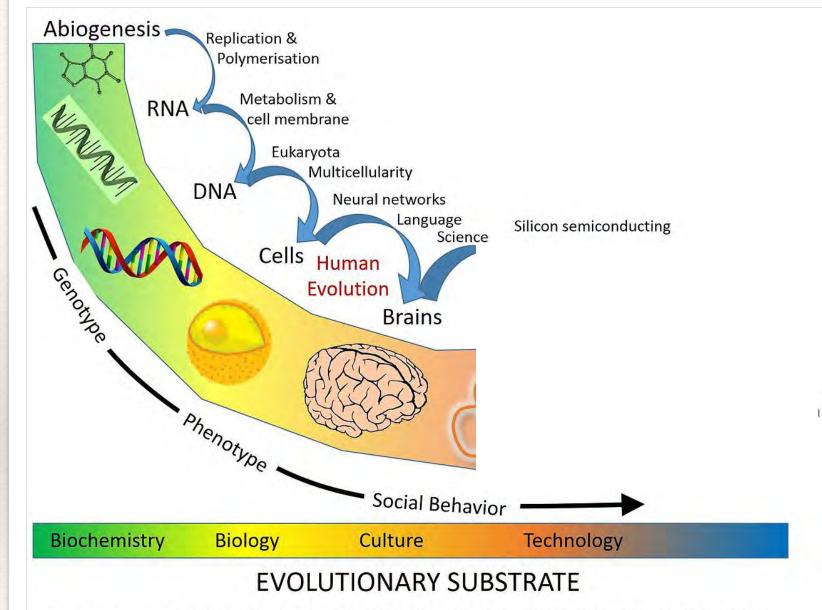






TECHN

Healthcare Transfo **Cutting-Edge Patie** Lucium Englan Transform Health



based on: Gillings, M. R., Hilbert, M., & Kemp, D. J. (2016). Information in the Biosphere: Biological and Digital Worlds.

Trends in Ecology & Evolution, 31(3), 180–189. http://escholarship.org/uc/item/38f4b791

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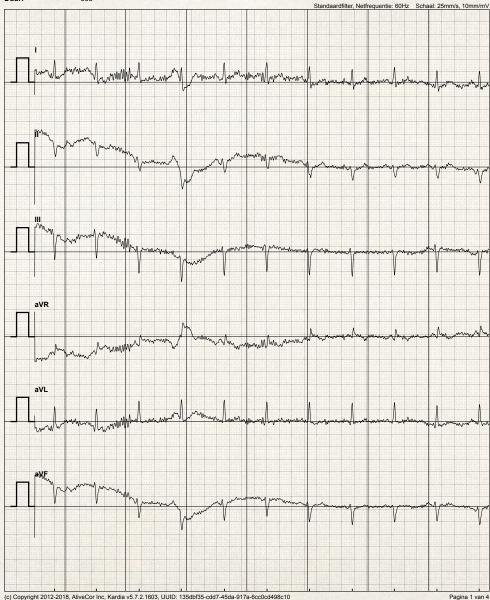




Lucien Engelen, 02-07-1962 (57jaar) woensdag 6 november 2019 om 16:24:48

Directe analyse:

Kardia



Alivecor Kardia



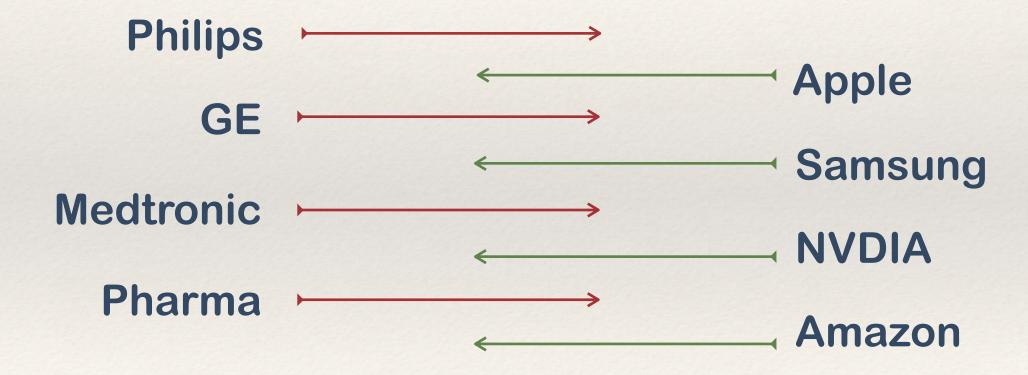


Medical





Observational / Consumerism





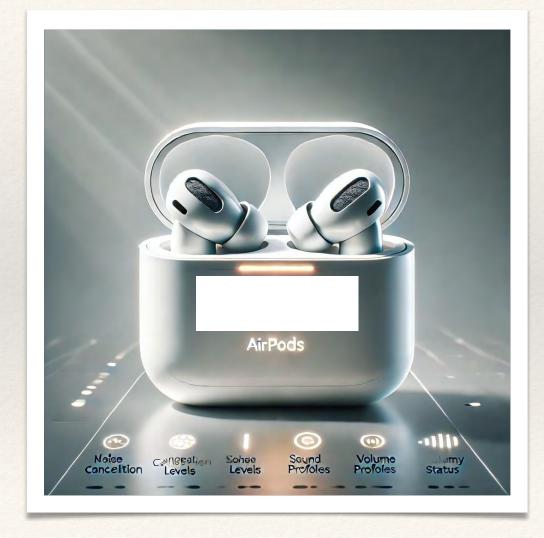
Medical

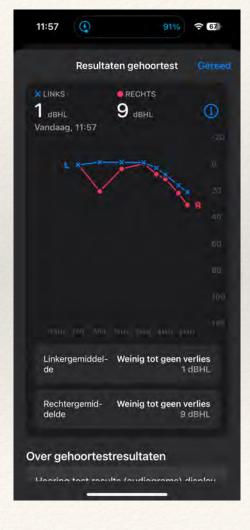




Observational / Consumerism







Live vitals in clinical patients

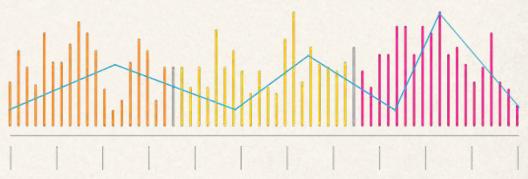
LEAN MONITORING

Life vitals of citizens





... when they need to be Continuous & Proactive

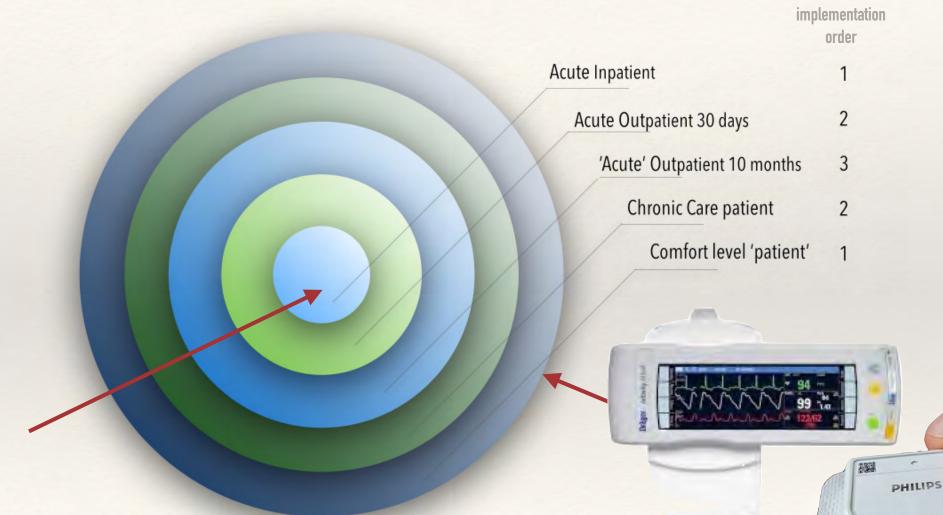


From three times daily to 24/7 continuous monitoring Anytime, Anywhere, Always

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Virtual Institutions

Telemedicine & Telehealth & Telecare centers





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from 'Hospital' to 'Home'











from 'Hospital' to 'Phone'

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Healthcare will become a software branch.

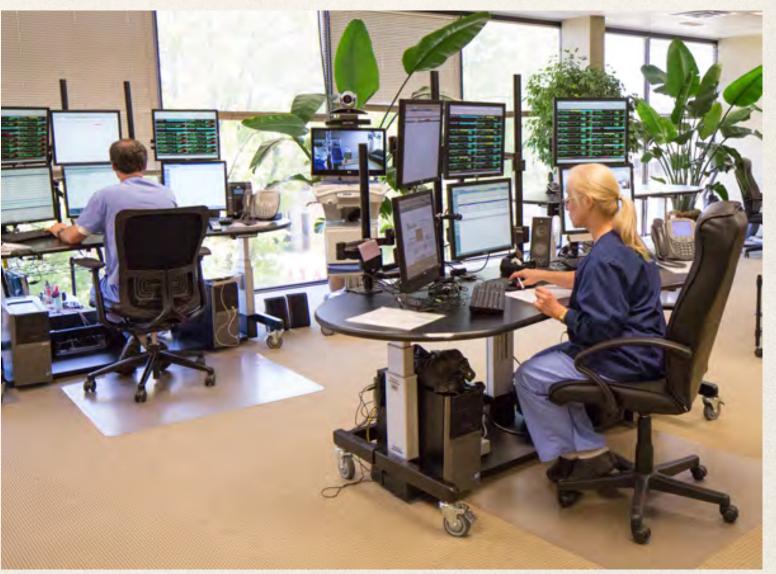




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Healthcare will become a software branch.





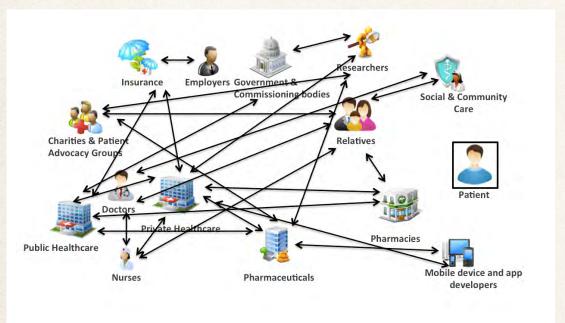


Lucium Englan Transform. Health

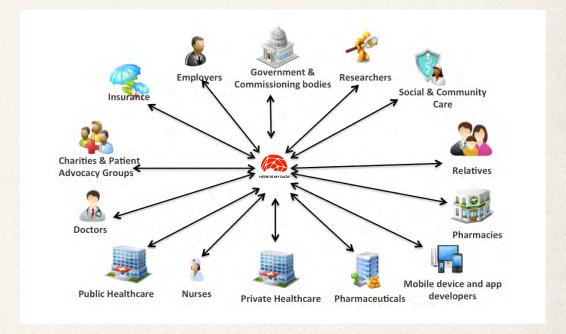
Patients able creating own n=1 communities

via HC IT systems

Via the patient







eGo

eCo





Lucian Englandin Health









smartQare' Status apparaat

02:00

06:00

10:00

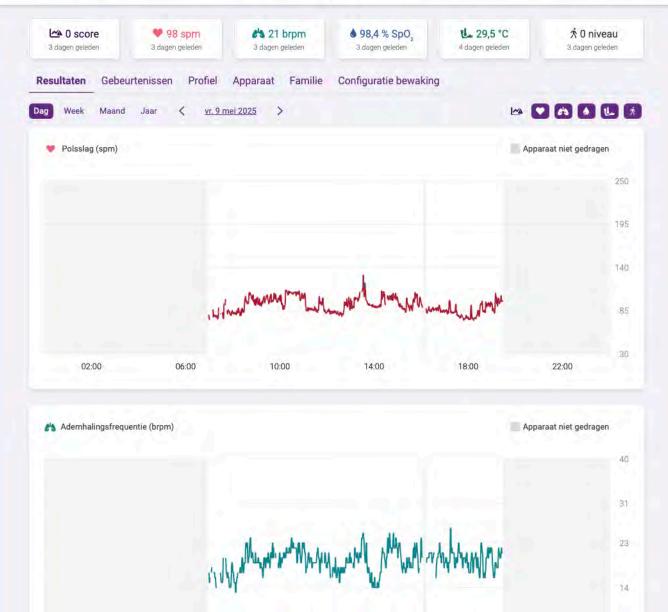
14:00

18:00

22:00

Lucien Engelen [©] ®

Lucien Engelen





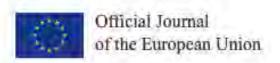
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Health(care) is de-localizing ... so is it's data





EN

L series

2025/327

5.3.2025

REGULATION (EU) 2025/327 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 11 February 2025

on the European Health Data Space and amending Directive 2011/24/EU and Regulation (EU) 2024/2847

(Text with EEA relevance)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular Articles 16 and 114 thereof,

Having regard to the proposal from the European Commission,

After transmission of the draft legislative act to the national parliaments,

Having regard to the opinion of the European Economic and Social Committee (1),

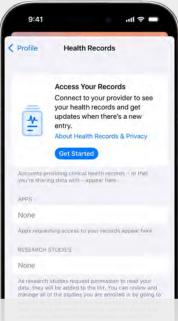
Having regard to the opinion of the Committee of the Regions (2),

Acting in accordance with the ordinary legislative procedure (2),











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9TO5Google v









Exclusives

Pixel V

Nest V

Android V

Chrome V

Workspace V

YouTube V

Alphabet v

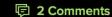
Reviews

SAMSUNG HEALTH

Samsung Health update will let you access medical records



Andrew Romero | Oct 22 2024 - 8:50 am PT 👨 2 Comments





Featured

from 9TO5Google



Here's everything new in Android 15 QPR1 Beta 3 [Gallery]



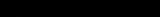
Abner Li | Oct 23 2024



This \$1,000 foldable is far better than I ever anticipated



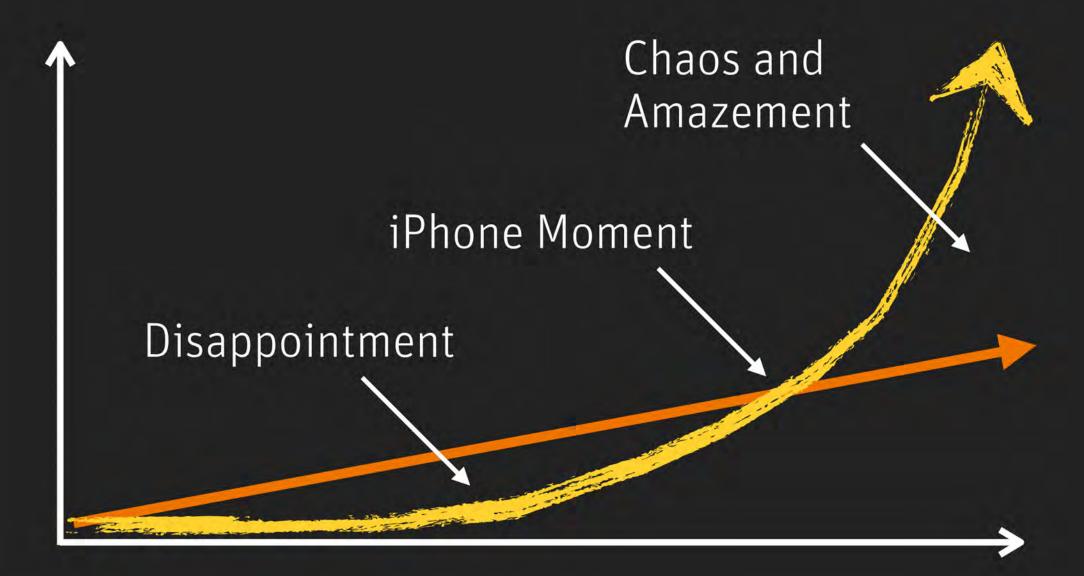
Damien Wilde Oct 24 2024



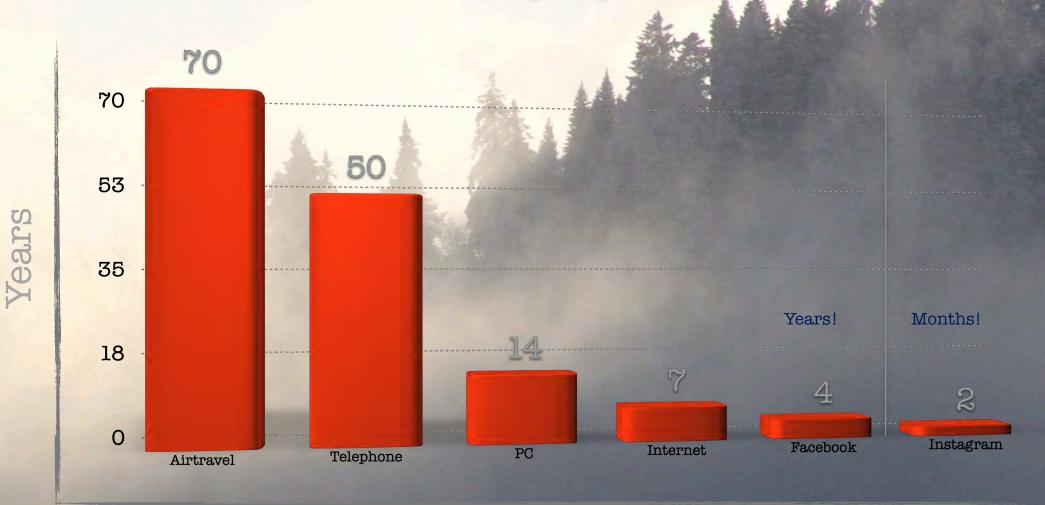




Lucian Englandor House



Years to reach 100 Million people



Luin Engla-

800 Million to date



Lucium England

OMG, RIP txt Messages sent per day, bn F'CAST 30 WhatsApp 25 20 15 10 SMS 1996 10 15 2000 05 Sources: Portio Research; a16z

The Future will fool history

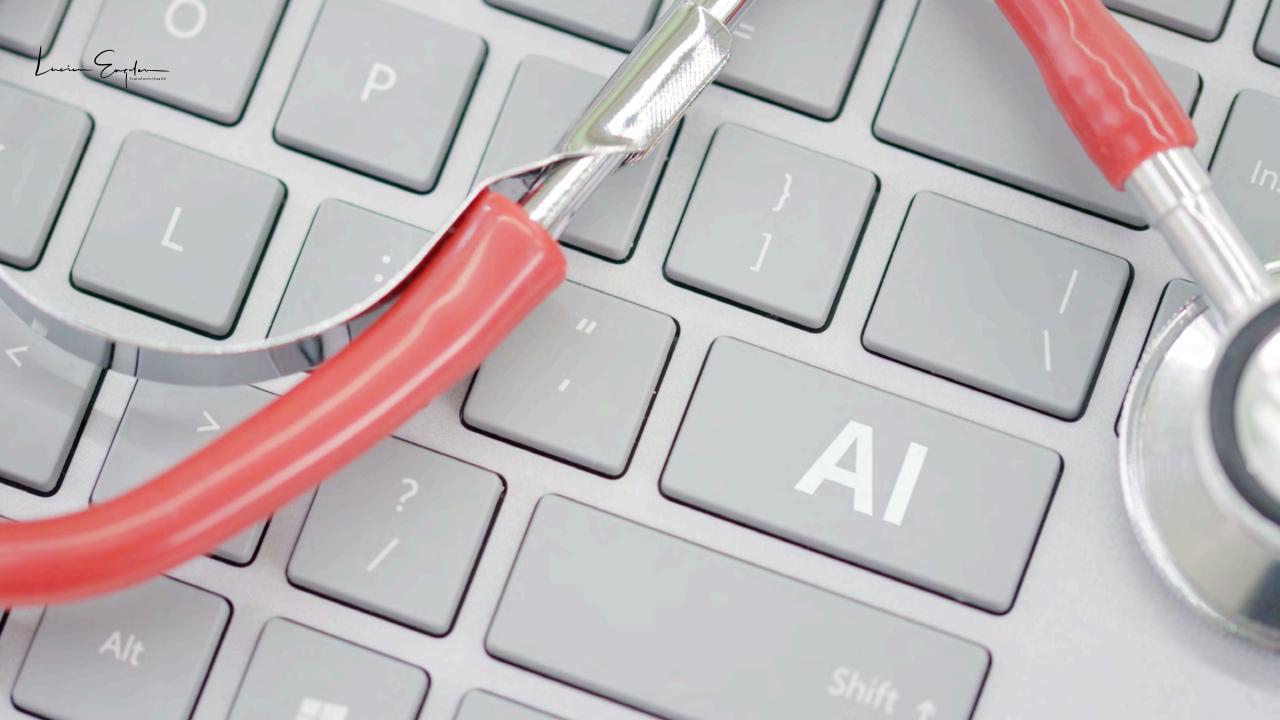
"For years we have been 'pregnant' of digital health,
-during that impressive pandemicit came to life, through an
acute c-section"

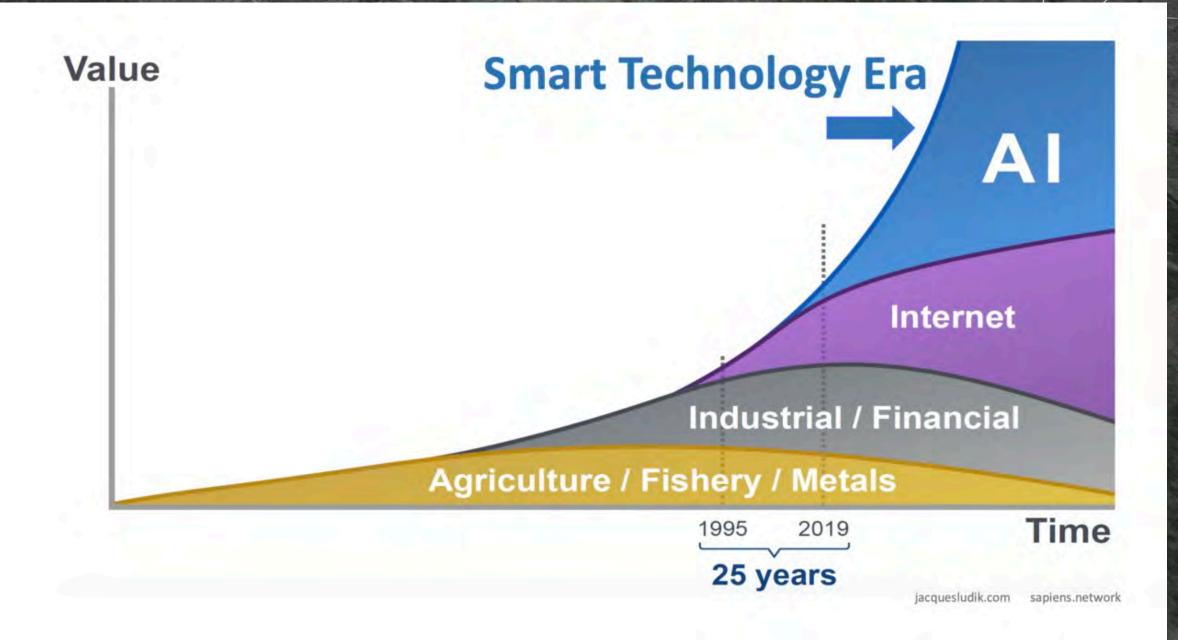
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AI Agents Agentic AI

Is going to disrupt websites, portals, apps and point solutions

and EMR's



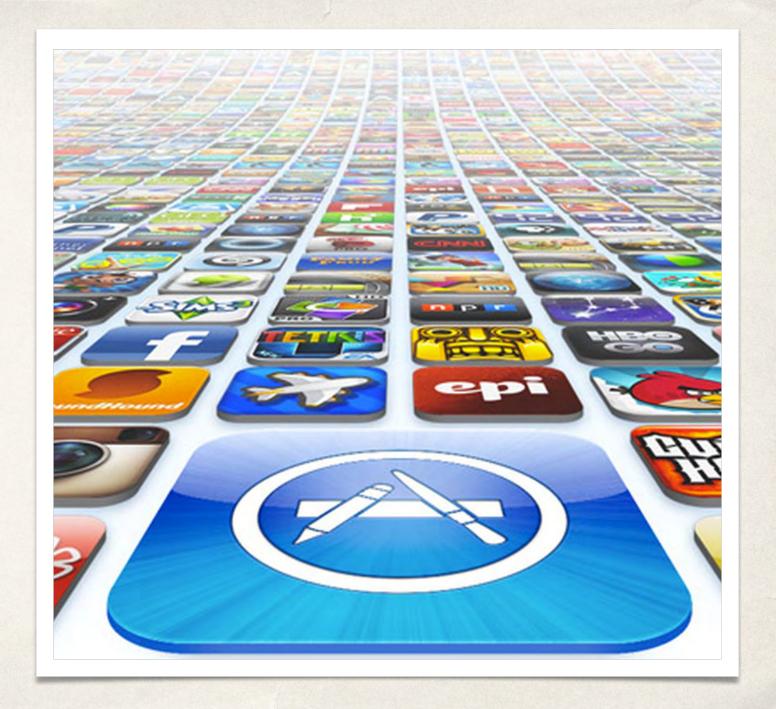




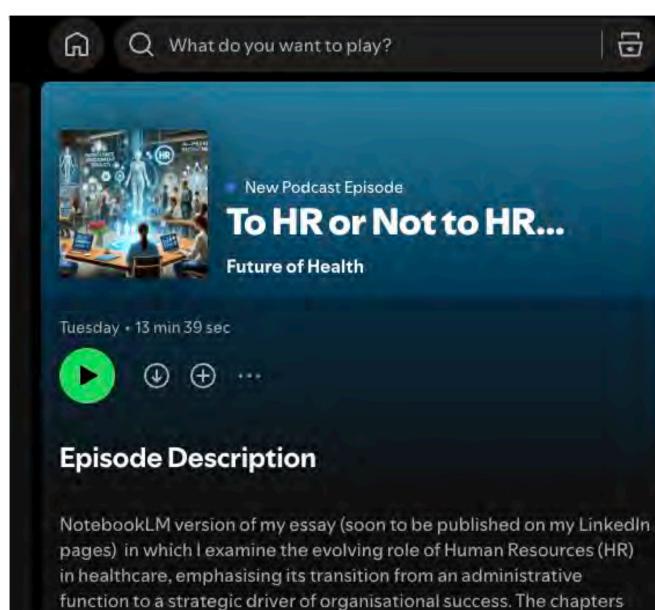
AI-agents App-store

In the end a similar process will evolve as seen with the launch of the Apple's app store.

That eventually will evolve in systemincorporated functionalities



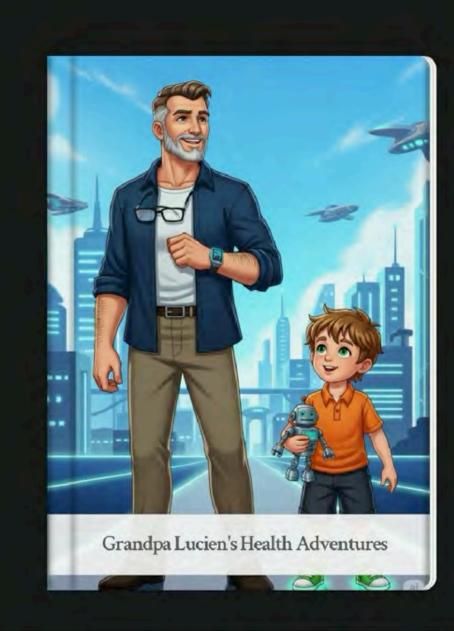
Lucian Englan



outline several of HR's new responsibilities concerning clinician

0

My AI-gents







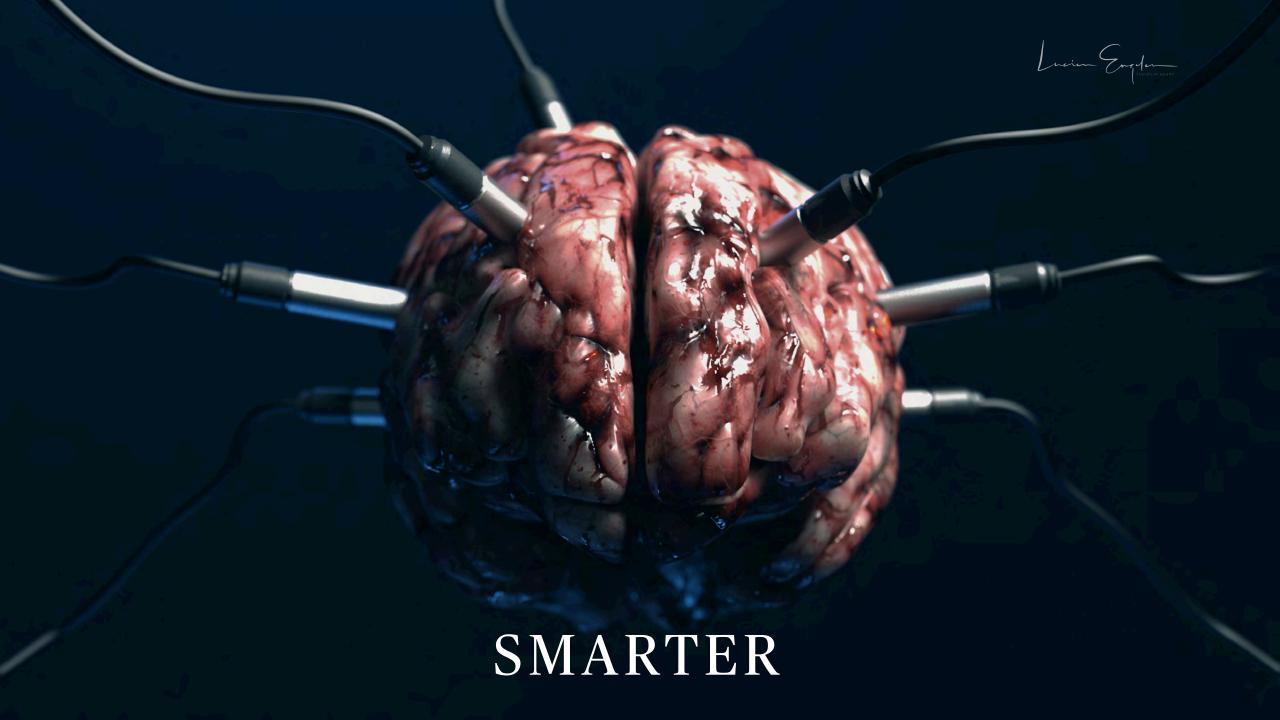


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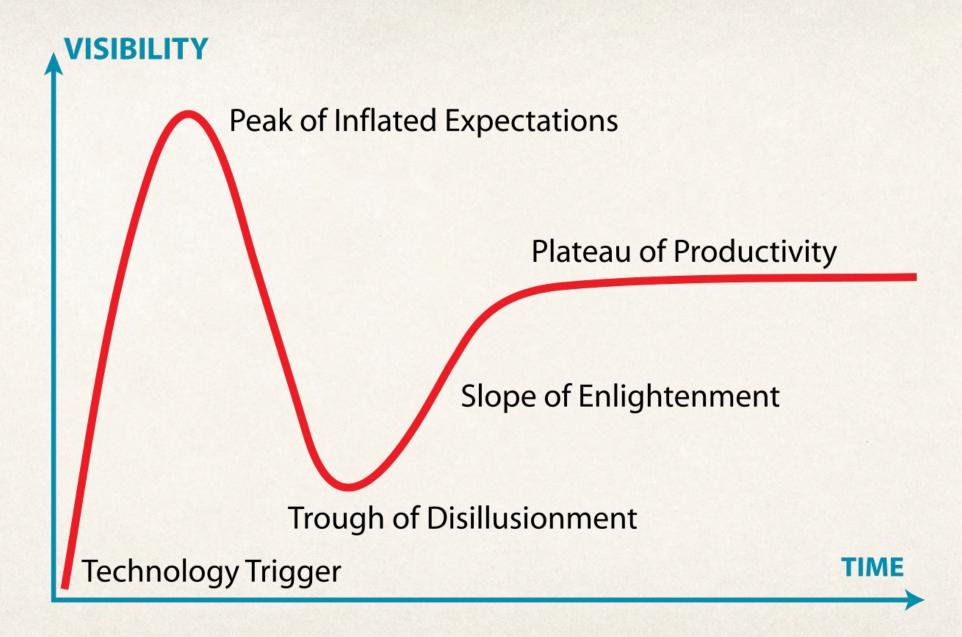
Data shift







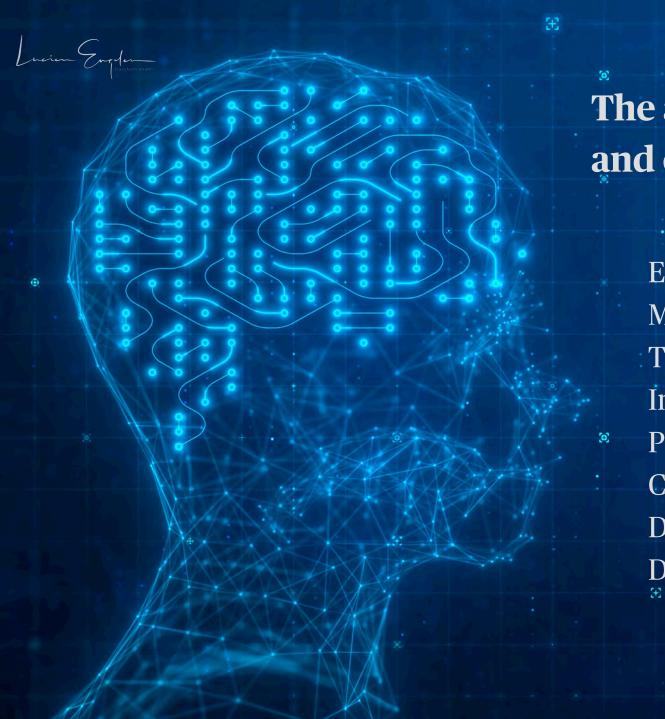
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Where AI Gets Its Facts From

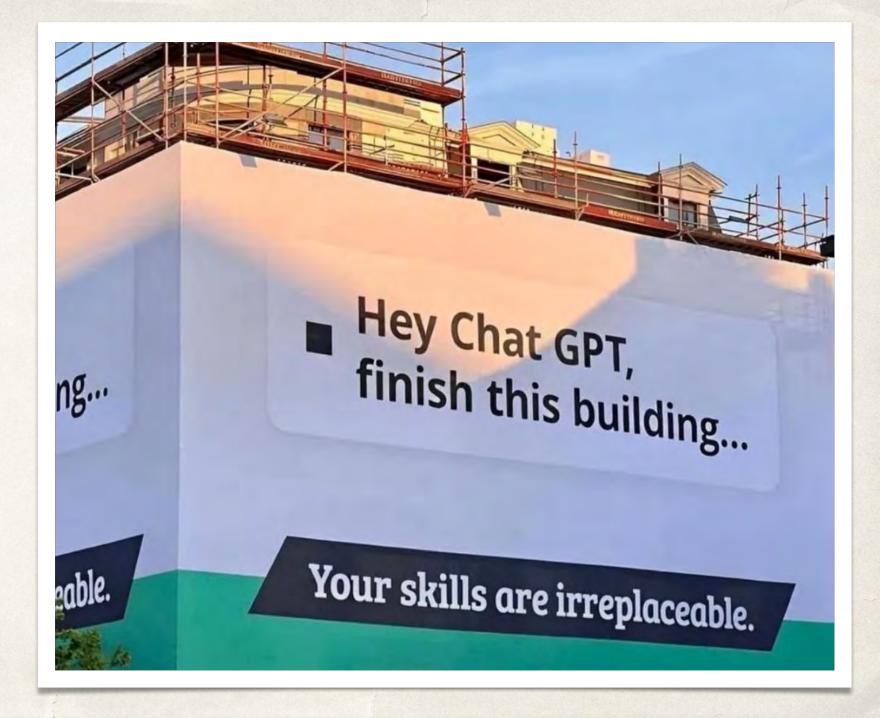
1								
)	wikipedia.org					26.33%		
9	youtube.com					23.52%		
9	google.com					23.28%		
(yelp.com				21.	.01%		
3	facebook.com			19.96%				
)	Amazon.com							
100	Tripadvisor.com			12.46%				
9	Mapbox.com			11.29%				
0	Openstreetmap.com			11.29%				
9	Instagram.com			10.89%				
P	Mapquest.com			9.76%				
0	Walmart.com			32%				
XBy	ebay.com		7.74%					
D	linkedin.com	5.	90%					
9	quora.com	4.60%						
	homedepot.com	4.56%						
	yahoo.com	4.40%						
9	target.com	4.33%						
7	pinterest.com	4.22%						



The age of everything connected, and cutting through the noise

Enhance clinical outcome
Medication management
Timely interventions
Improved communication
Psychological support
Combine datapoints in/out hospital
Data to executable insights
Decrease alarm fatigue

Lucian Englan







Luciu Engla-Transform.Health



Sandwich Generation

5 major shifts in health(care)

A shift from healthcare to health

More focus, and shift of resources, from interventions to prevention, early diagnostics, vitality & wellbeing Beyond "quality for the patient" to "health of the population"

Virtual Health(care): truly centered around the "health consumer"

From a (logistical) supply-driven model of care at a (hospital) location to virtual care Care will be organized more around the patient, with the motto of 'digital first'

Data-driven personalized ('N = 1') health insights and interventions

From treatment based on standard protocols to personalized, data-driven insights and interventions

New health data value chain with collection, analysis, translation to actionable insights, user interface, data platforms

Future of work for healthcare professionals: a new what, where and how

Healthcare professionals will be supported by robotization, automation and AI, freeing up more time for a personal approach, quality and safety. Location of work far less relevant.

New revenue models, more focused on population health

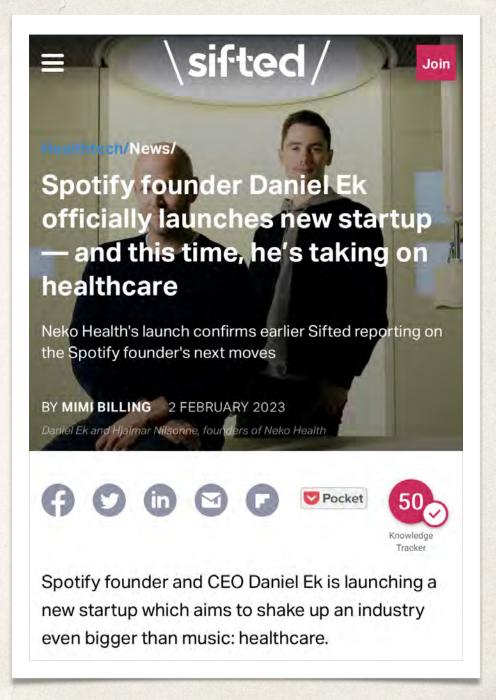
Reimbursement in silos (e.g. primary care, hospitals and care), is not appropriate for integrated patient care. Neither is Fee for Service New payment flows will lead to new value pools and revenue models for existing ecosystem players and new entrants

Linking the Future of Health

Future	Future	Future	Future	Future	Future
of	of	of	of	of	of
Food	Work	Mobility	Finance	Retail	Medicine
 Personalised Insight driven Biome-based Preventive Prescriptive Activity based 	 Who What Where Al Impact More creative Gig-economy Flexible (care) Mental Health Safe housing 	 Delocalise De-stress (valet) Exercise Flexible Predictive Shared assets Increase travel distance 	 Debt lowering Insight driven Education Preventive Mental Health Affordable housing 	 Consumerism Retailisation New players Online Insight driven 	 Personalised Delocalise Democratize Digital Insight driven Prevention Prescriptive Al
					• ©lucienengelen 2018

150 Euro full health scan 50 million datapoints





Lucium Englan Transform. Health

Ethical S Curves Opportunity GAP **Progressive Success!** 4. A plateau or eventual decline 2. The rise to seeming 6. The rise of a new infinite success curve emerges. Almost time to break away again! 1. Start of a successful path 5. Don't be fooled by a (1st S Curve) temporary depression 3. Here's your chance to break out of an oncoming routine. Explore, embrace change, and seek it out, even when it seems illogical to do so. (2nd S Curve starts)





Eco-system play Partnering Safe technology Scalable **Ethical safe Unbiased Affordable** Sustainable **Makes them smarter**



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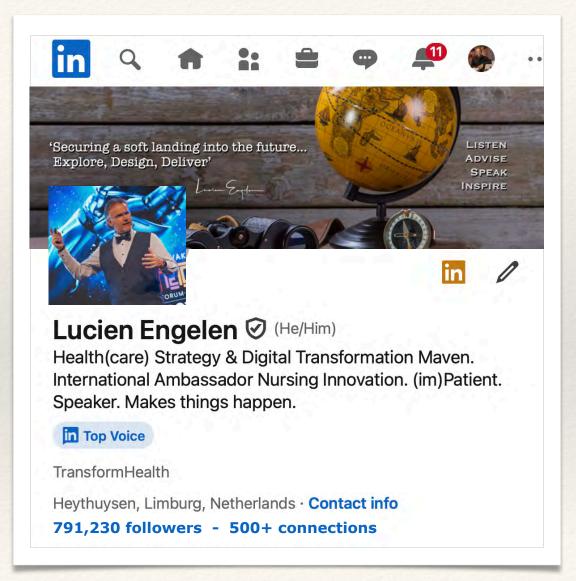
Today was yesterdays' future





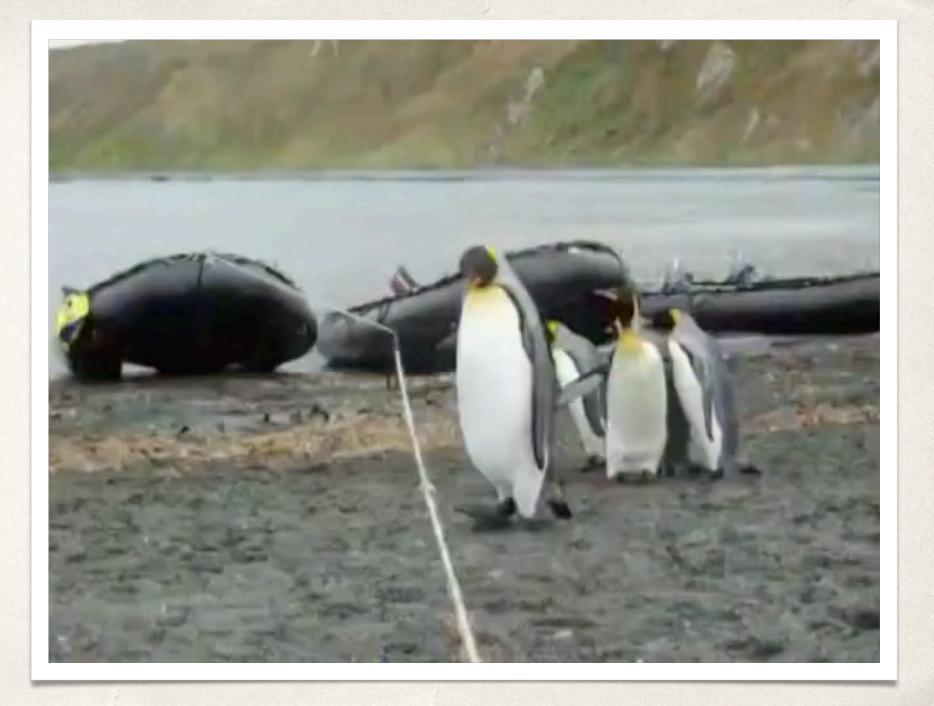
For my slides, questions or remarks:







Lucium Englan Transform Mealth



For my slides, questions or remarks:



