

Das Forum für ICT im Gesundheitswesen
Le forum pour les TIC dans le système de santé



SGMI SSIM SSMI
Schweizerische Gesellschaft für Medizinische Informatik
Société Suisse d'Informatique Médicale
Società Svizzera d'Informatica Medica
Swiss Society for Medical Informatics

🐦 @eHealthSummit
🐦 @read42news
www.ehealthsummit.ch

SwissTech Convention
Center, Lausanne
21.-22. September 2017

Biomedical Informatics Today and Tomorrow

Prof. Antoine Geissbuhler, MD, Geneva University Hospitals

🐦 @AGeissbuhler

In cooperation with



ehealthsuisse
Kommunikation im Gesundheitswesen
Digital Health Switzerland
Digital Health Switzerland

IHE | Integrating
the Healthcare
Enterprise
SUISSE

pharmaSuisse 

VGIch
Vereinigung Gesundheitsinformatik Schweiz

HIMSS CHIME
INTERNATIONAL

1990

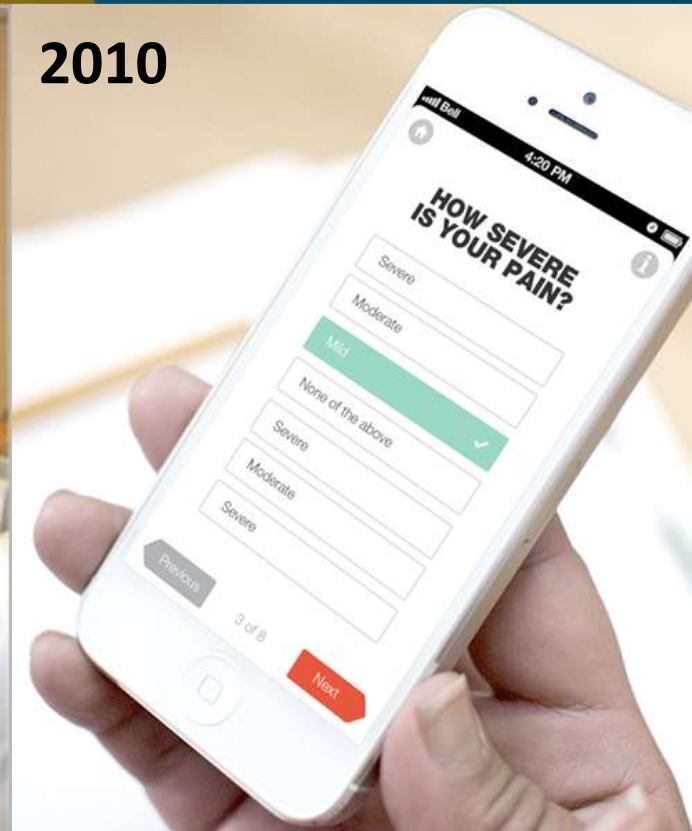


2000



Considering today's **serum creatinine** level, I recommend that you adjust the dosage of intravenous **gentamicin** to 80mg every 24 hours (and check its blood level in three days)

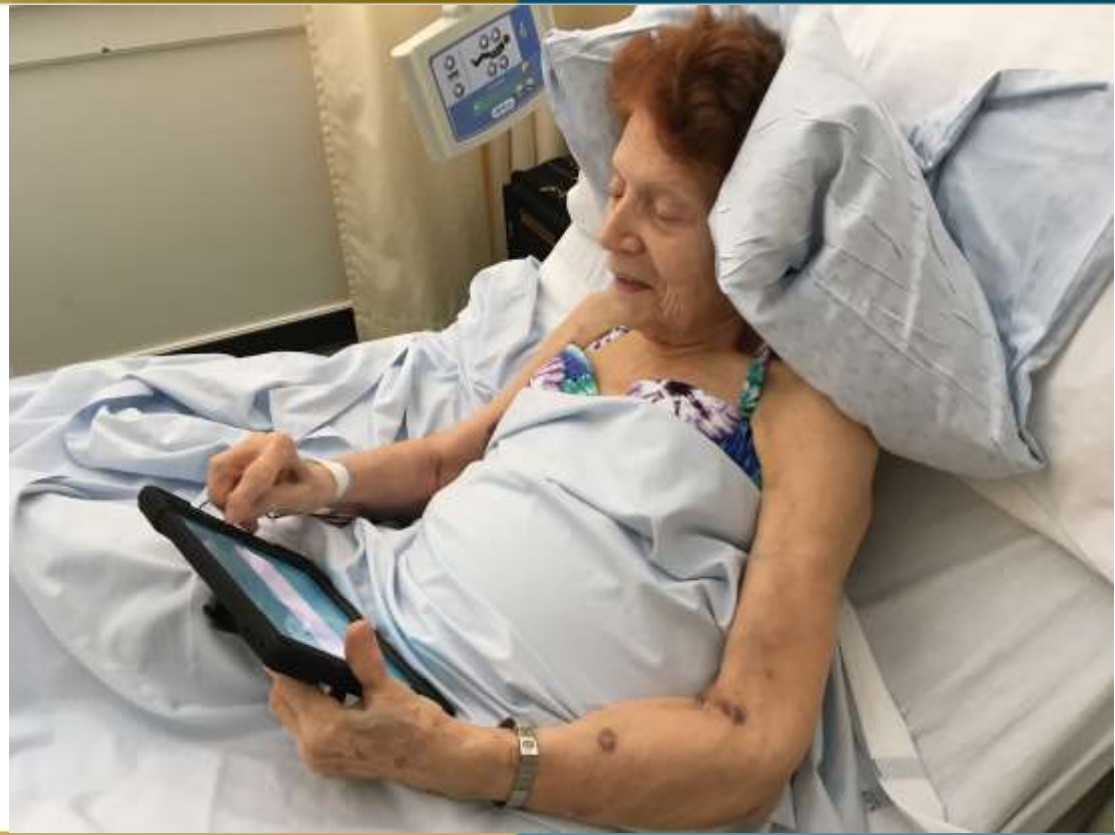
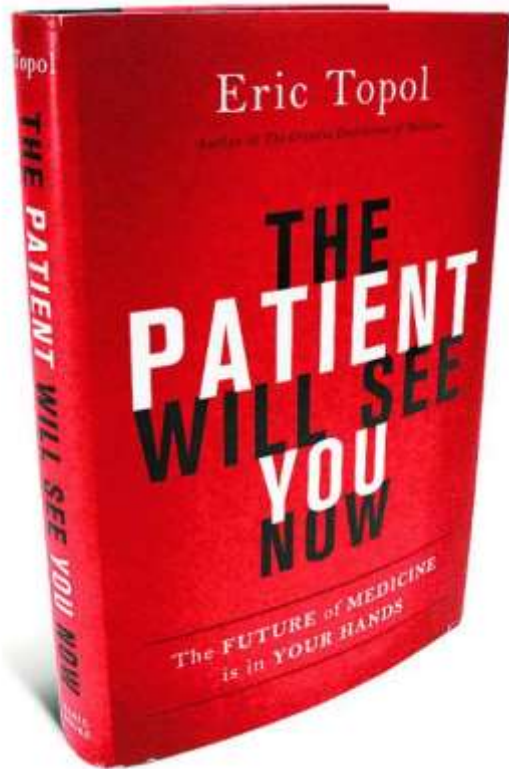
2010



2020 ?







Geneva University
Hospitals
Innovation Center



INFOKIDS

l'application
des urgences
pédiatriques

- + Donne des conseils médicaux
- + Informe quand consulter un pédiatre ou les urgences
- + Renseigne sur l'affluence aux urgences

Téléchargez gratuitement l'app
Infokids.ch



HUG Hôpitaux Universitaires Genève
FONDATION HUBERT ET TUOR
Fondation privée des **HUG**



HEALTHCARE

Wearable Technology
Therapist



HEALTHCARE

Healthcare Navigator



TECHNOLOGY

Big Data Wrangler



EDUCATION

School Nutritionist



HEALTHCARE

Nurse Practitioner and
Physician's Assistant



HEALTHCARE

Gero-kinesiologist



HEALTHCARE

End of Life Therapist



HEALTHCARE

Pharmacist



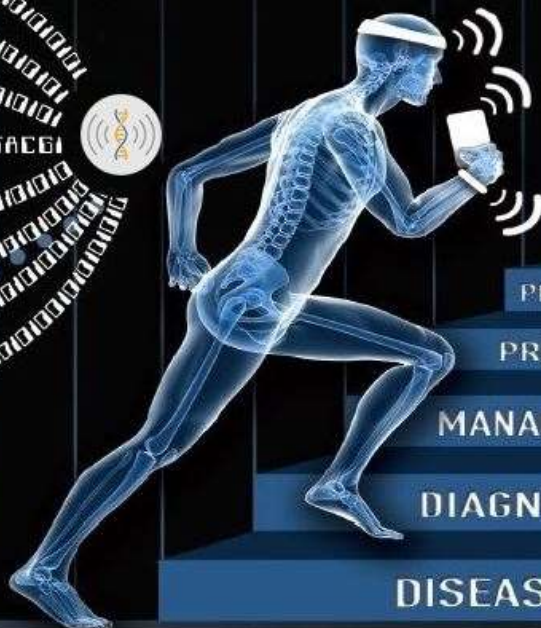
PROFESSIONAL SERVICES

Gamification Designer

[ers2030.cst.org/](http://eHealthSummit.org/ers2030.cst.org/)

DIGITAL
REVOLUTION
+
GENOMIC
REVOLUTION

WIRELESS SENSORS & DEVICES
MOBILE CONNECTIVITY
SOCIAL NETWORKING
GENOMICS
INTERNET
IMAGING
DATA UNIVERSE
HEALTH INFO SYSTEMS



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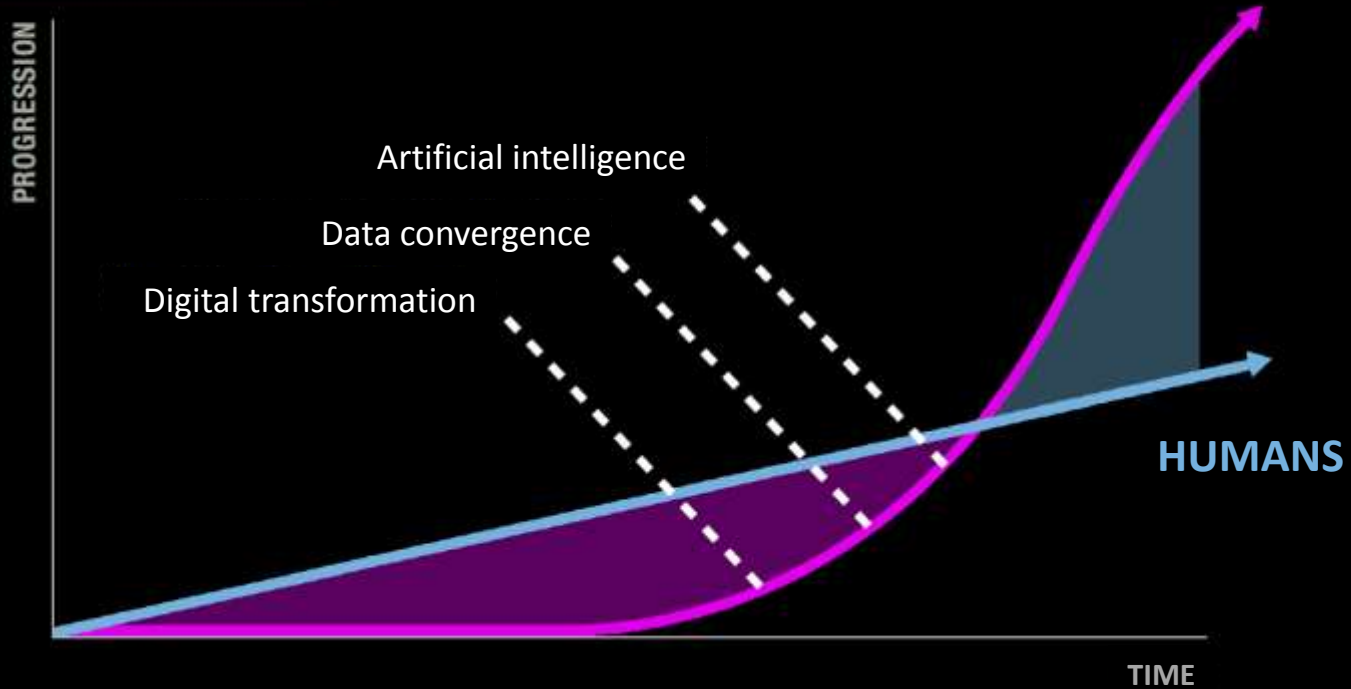
1970 1980 1990 2000

storyofdigitalhealth.com

2010

2020

TECHNOLOGY



Uninvited Guests

TODAY'S CHALLENGES FOR MEDICAL INFORMATICS

Health

Informatics

Innovation

Integration

Implementation

Impact

= HI⁵

