



Patient Mediated Research

This Is Really Different

for patients

by patients

— Vincent Keunen, CEO, founder
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A personal story

Vincent Keunen

- Leukemia at 43
- Gleevec

His son Pierre

- Bone cancer at 10
- 1 year of chemo, radiation, bone marrow transplant, leg amputation



Problems



1. Patients

Targeted treatments
Scattered health data



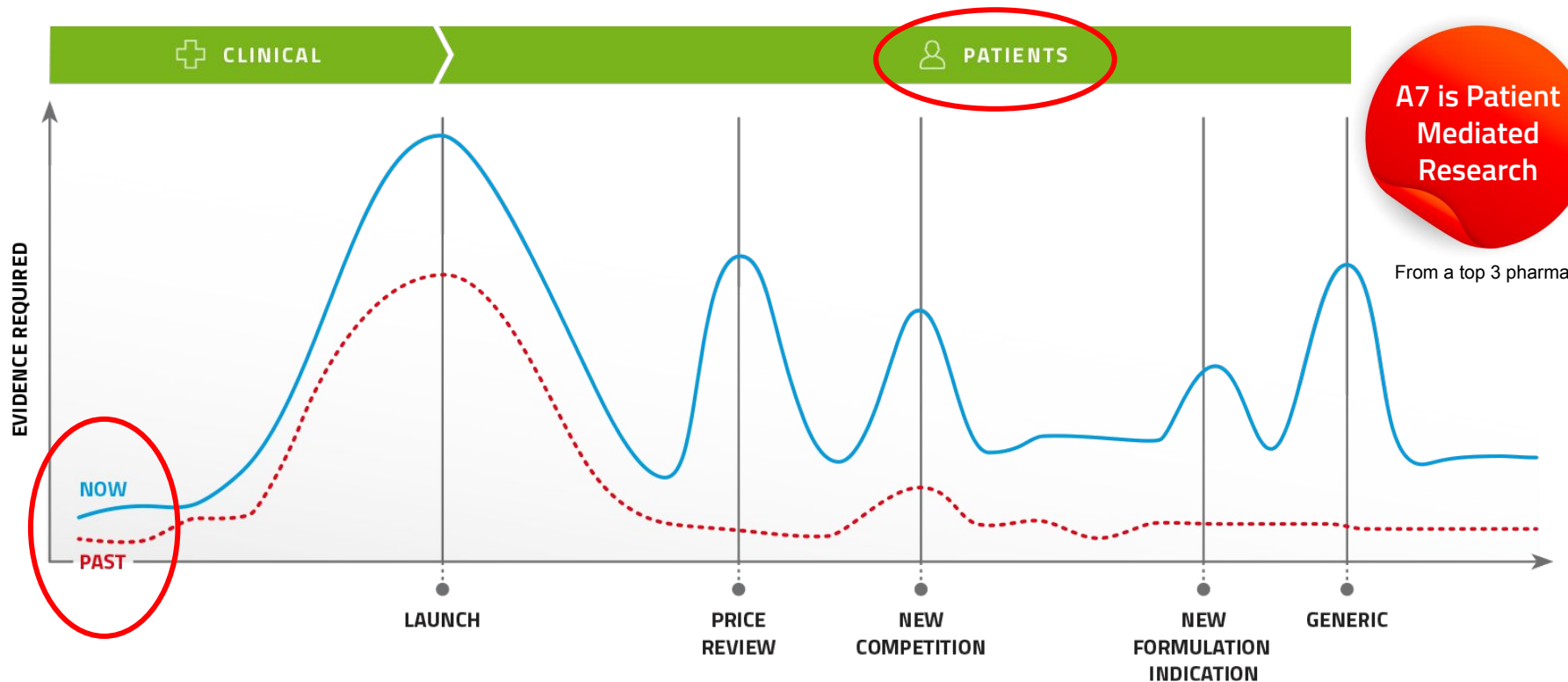
2. Pharma

DCT, RWE, PRO
EHR access



New needs for DCT, RWE, PRO, PEP

Decentralized Clinical Trials
Real World Evidence
Patient Reported Outcomes
Post market, HEOR studies
Patient Engagement Platforms



New needs

- More remote / hybrid since Covid
- From CT to Real World Evidence
 - Includes EHR + LAB + DEVICE data
 - [FDA & RWE](#)
- Patient input: PRO



DCT



RWE



PRO

All need patient interactions!

Drug usage?

- Either part of clinical study or chronic care
- Prescribed or OTC
- Intake data in real life

All need patient interactions!



Rx



OTC



intake

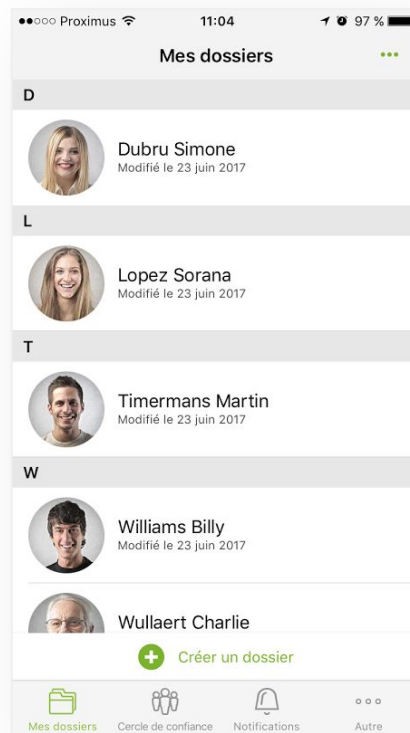
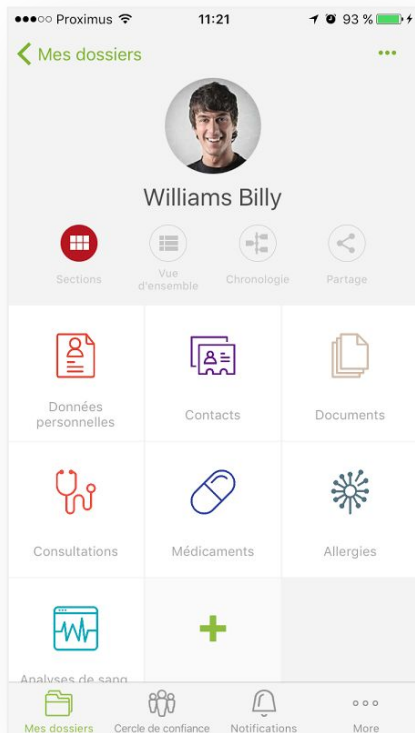
What is patient mediated research?

1. Patients collect their data
2. Patients contribute to research

Patients collect their data

- **Primary use:** better care for myself, empowerment, autonomy
- Collect a COPY of the data (no discussions on ownership)
- Collect from hospitals, labs, pharmacies, devices (all)
- Medical + health data (activity, sleep, SDOH...)
- (My POV) No cloud storage, only on smartphone
→ Personal Health Record

Example PHR



Patients contribute to research

- **Secondary use:** find new treatments faster
- PRO, questionnaires, quality of life...
- Selected "PHR" data
 - Personal Health Record, aggregates all sources
 - Selected by sponsor, consented by patient
- Drug usage (Rx, OTC, Intake)
 - Patient Mediated Research (Platform)

Clinical Research - Rich questionnaires

Aucune SIM 09:16

< Retour

Your brand here

Health questionnaire
Week 1

Survey

Birth date
empty

Where were you born ?
empty

What time did you go to bed yesterday?
empty

What time did you get up today?
empty

Did you sleep well?
Not at All Like a charm

No value selected

How much water do you drink per day?

0 - 2 glasses

2 - 4 glasses

Proximus 4G 15:52 100%

< Back

Survey

How much water do you drink per day?

0 - 2 glasses

2 - 4 glasses

4 - 6 glasses

6 - 8 glasses

More ...

Do you feel pain in any of these areas?

None

Head

Shoulders

Arms

Stomach

Intestines

Hip

Knee

Aucune SIM 09:39


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Survey

Hip

Knee

Take a picture of your surrounding



Activity

Weight
empty kg

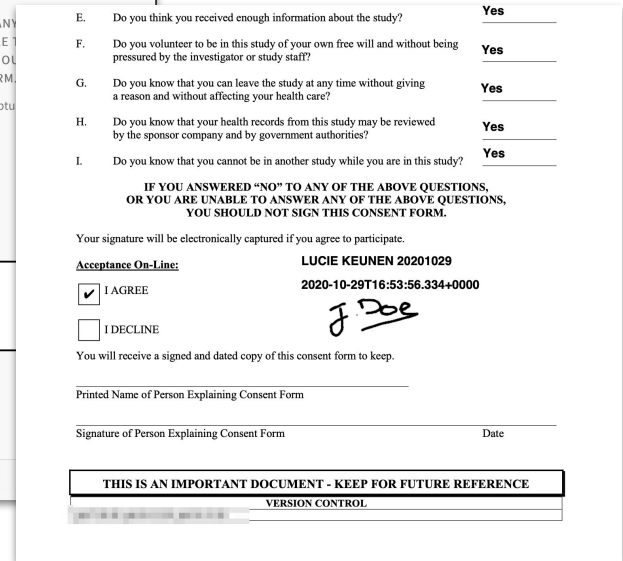
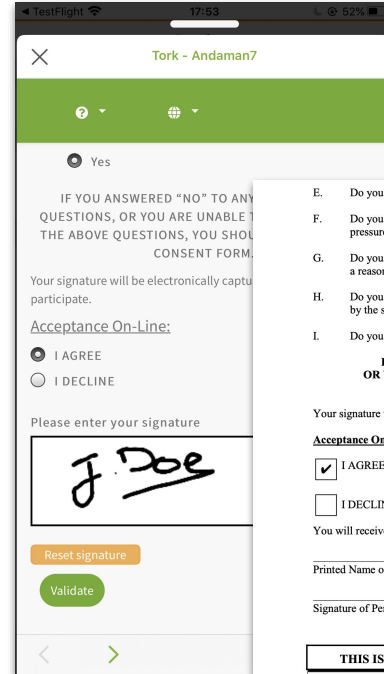
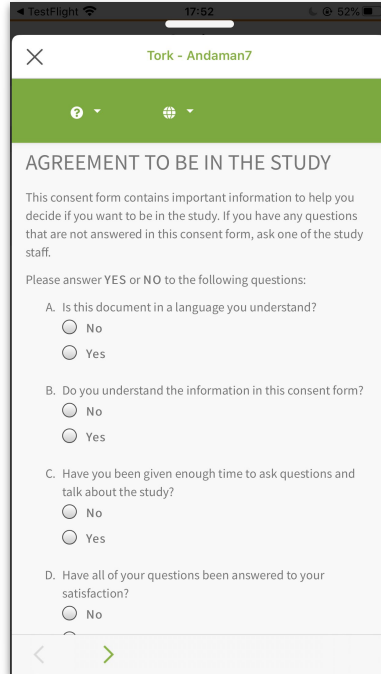
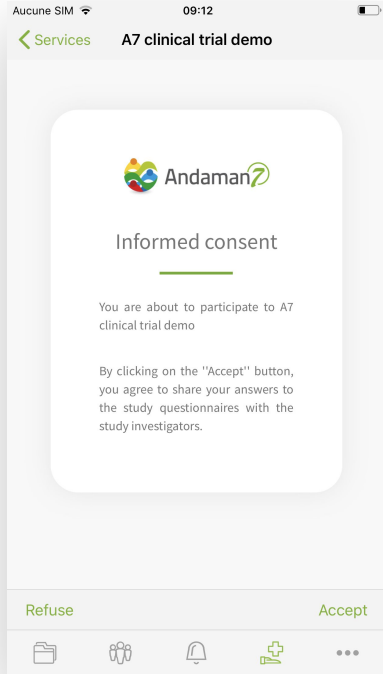
Heart rate
empty bpm

Active energy
empty Cal

Steps
76

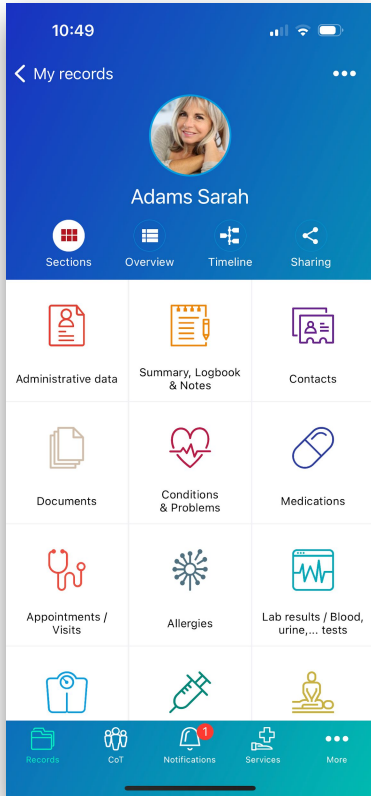
Submit

eConsent



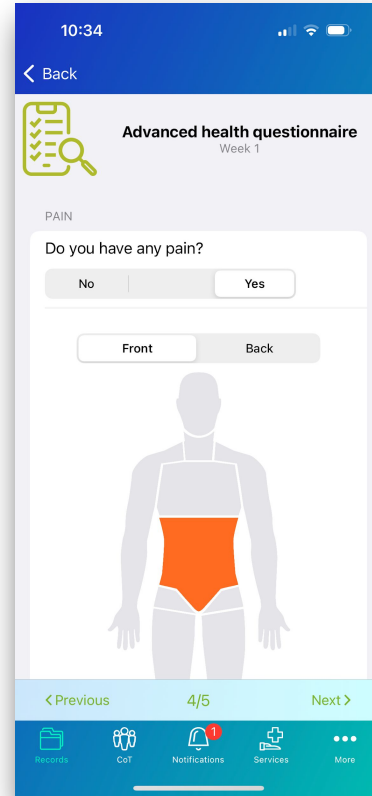
PHR

Personal Health Record



PMR

Patient Mediated Research



PEP

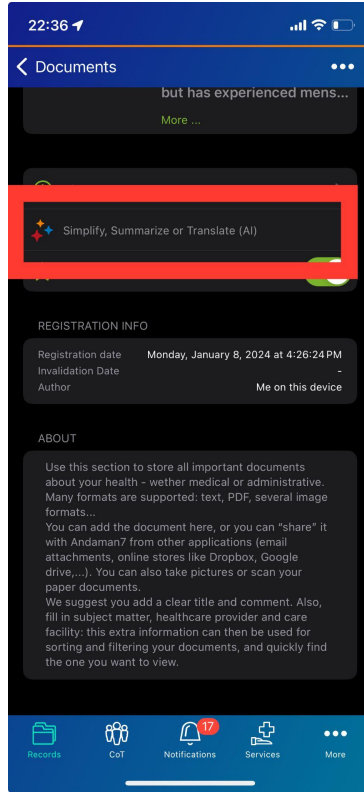
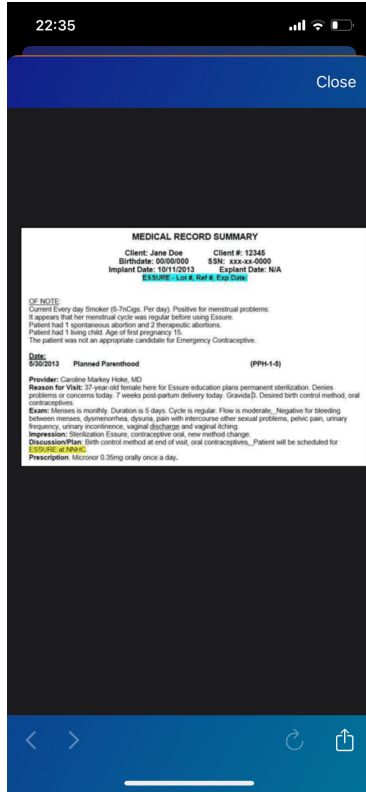
Patient
Engagement
Platform

PMR and regulations

- GDPR but also
 - California Consumer Privacy Act (CCPA) + dozen states
 - Brazil LGPD, China PIPL + hundred countries
- TWO main trends
 - Constraints if you use citizens data
 - Citizens should have access to their data

→ going through patients is the solution!

Andaman7 AI



Results of Andaman7 AI

Jane Doe received education on permanent sterilization with Essure and is currently using oral contraceptives. She has a history of normal menstrual cycles, one live birth, a teenage pregnancy, and several abortions. Despite being a smoker, she has no reported gynecological issues. She plans to have the Essure procedure at NHC and has been prescribed Micronor. Her suitability for emergency contraception is negative.

Future: potential disruption



Andaman7
Supercharged

- 3 important limits
 - FHIR interoperability only in USA
 - 70% of hospital EHR data is text: unstructured / uncodified
 - #dataBlocking + costs
- **Andaman7 Supercharged** with
 - Web-scraping → **applicable worldwide**
 - Generative AI → from **30% to 100%** of health data
Existing study - data vs information - multiple languages
 - Recruitment without sharing data (EU project / Privacy friendly)

Conclusion

- Patient Mediated Research
 - Well aligned with regulations
 - Patient empowerment
 - More and better data for clinical research
- 3 players: **patient - care - research**

We are looking for partners and investors





Andaman7

FREE DOWNLOAD
andaman7.com

OR



Contact: b2b@andaman7.com

