

HTAi – Adelaide 2023

Real World Evidence Generation for Rare Diseases.

A clinician perspective

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Disclosures, "personal" background, objectives

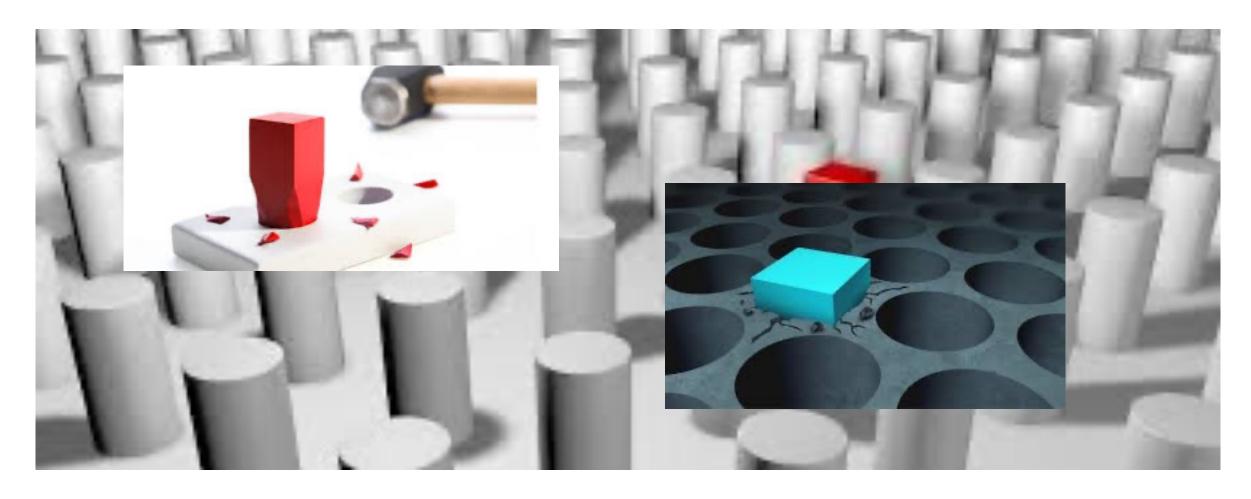
How can I, as a clinician, help bring [new/better] treatment options to MY patients with rare diseases?

- 1)Support patient co-design, in research and practice
- 2) Endorse the use of technology, in research and practice
- 3) Welcome innovative community thinking around data generation, ownership, ethics, and business models

alth pact



The need for a paradigm shift





The need for a paradigm shift



- Industry
 (including researchers, patent holder)
- 2. Regulators
- 3. HTA
- 4. Payers(public vs private vs insurance based)
- 5. Patients(including caregivers and HCPs)

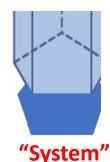






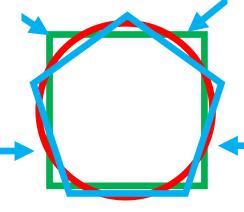


Health for



Industry (including researchers, patent holder)

- Risk sharing (including payment modalities, repayments when it does not work/stop working, etc)
- "health value" is what is monetized, not "cost of R&D"



HTA

- Uncertainty is factored in and may translate into
- a "discount"
- very specific guidance on which evidence to provide WITHIN THE BOUDNARIES OF THE DISEASE
- "Cost" for application and review is lowered depending on stage and size of the affected population (cost is covered charging more for larger markets)
- "Reviews' become "adaptive" and incorporates new evidence as it comes

Regulators

Patients (including caregivers and HCPs)

- Pragmatic research will last for many years and enroll "most" patients as part of drug development
- This will have a "human cost" for many to pay to enable (very) future patients to enjoy the value.
- This (when accepted by everyone) will also greatly offset the cost of R&D.

Payers (public vs private vs insurance based)

- "Health value" is what is monetized
- Innovative ways of assessing value are explored, e.g.
 - making values relative to each other
 - allowing harmonic and sustainable growth of the envelope



Co-design

Patients live and know the disease Patients generate [own and can share] the data

- Pros
 - Empowerment by sharing knowledge
 - Learning together
 - Building communities
 - Evolve into advocacy

- Cons
 - It requires huge commitment
 - Time, cost, psychological burden

- Risk
 - Can be poisoned/hijacked
 - Looking for "one/that" solution, not looking for "value"



Technology

TECH / APPLE / SCIENCE

Apple's new heal focus to elder car





ChatGPT Sprints to One Million Users

Time it took for selected online services to reach one million users



^{*} one million backers ** one million nights booked *** one million downloads Source: Company announcements via Business Insider/Linkedin



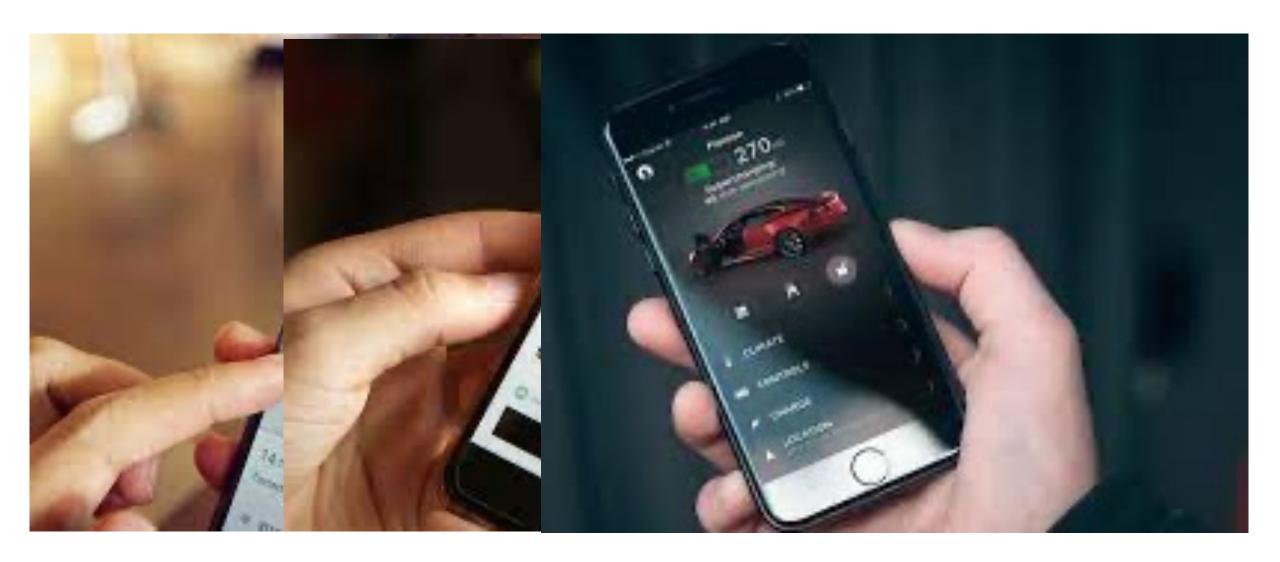








Welcome innovative community thinking around data generation, ownership, ethics, and business models



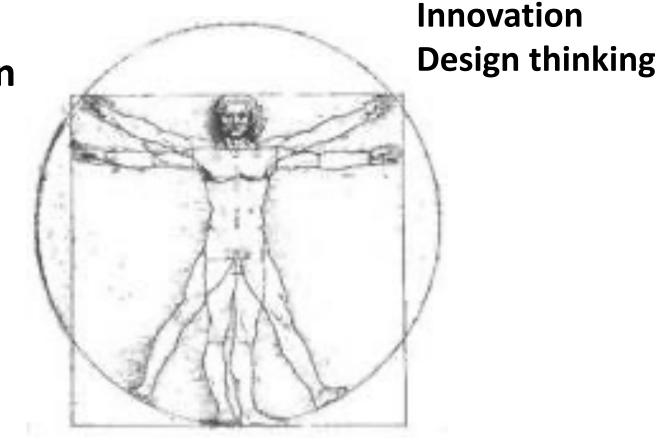


Take home message

1)co-design

2)technology

3)data generation, ownership, ethics, and business models **Co-design**



Power shift

Technology,

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