

Our vision of personalising care in healthcare ecosystem



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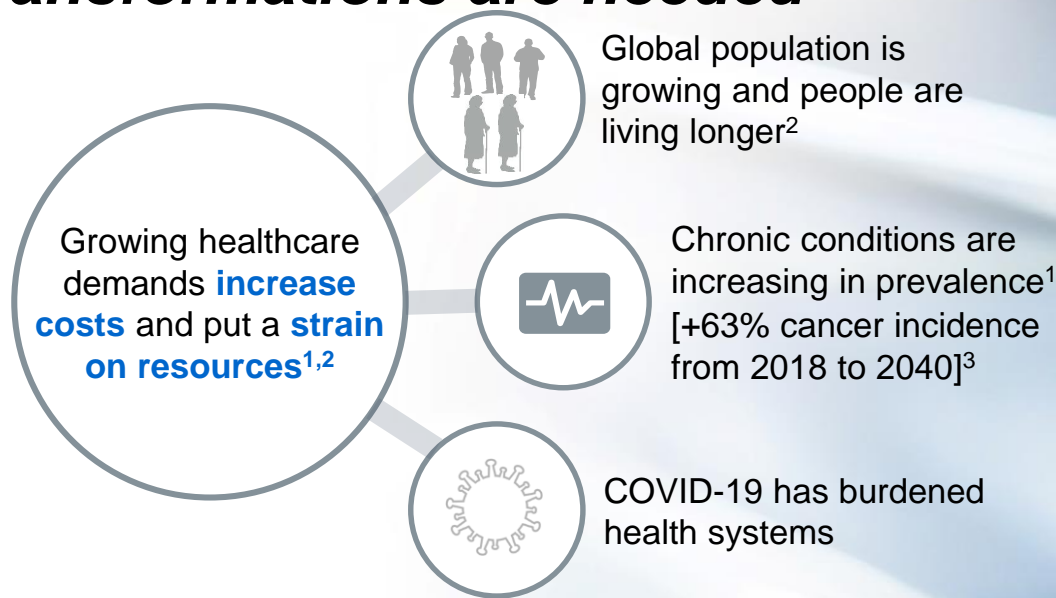
Disclosure

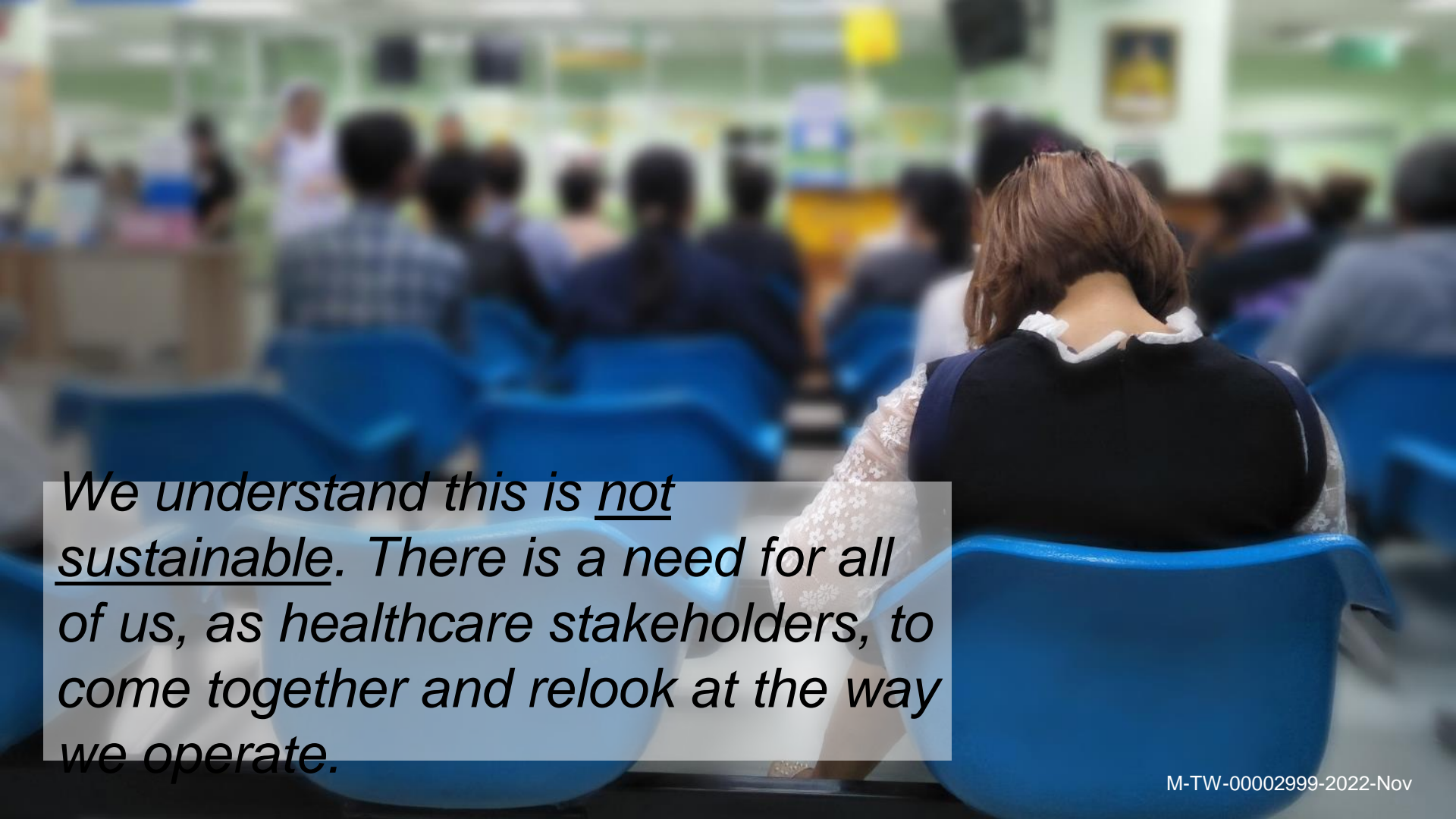
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Employment: Roche Pharmaceuticals

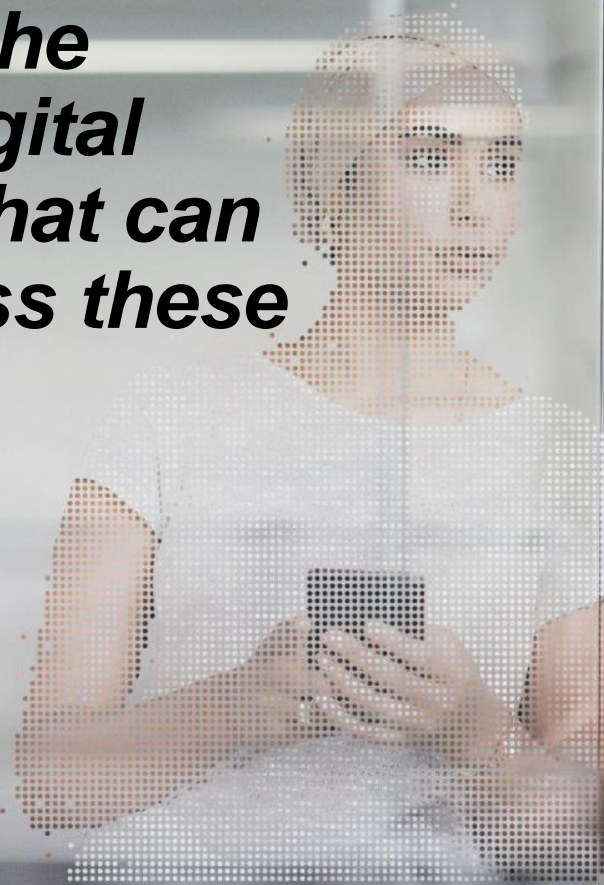
Health systems, the world over, are straining under the pressure of having to **do more with less** — profound transformations are needed





We understand this is not sustainable. There is a need for all of us, as healthcare stakeholders, to come together and relook at the way we operate.

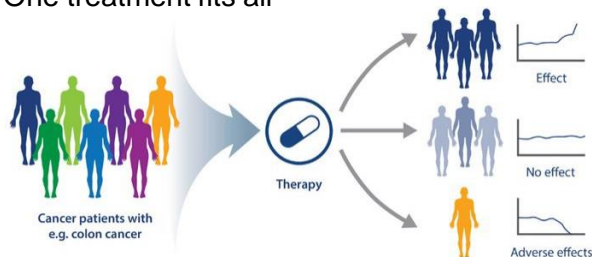
***There is a lot that is
happening in the
clinical and digital
health space that can
help us address these
challenges***



Greater awareness on advancements in medicine and technology is **increasing the demand for personalised healthcare**

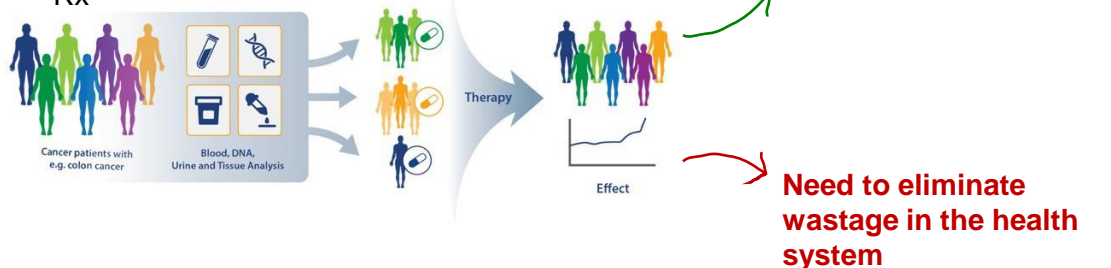
Standardised Healthcare

One treatment fits all²

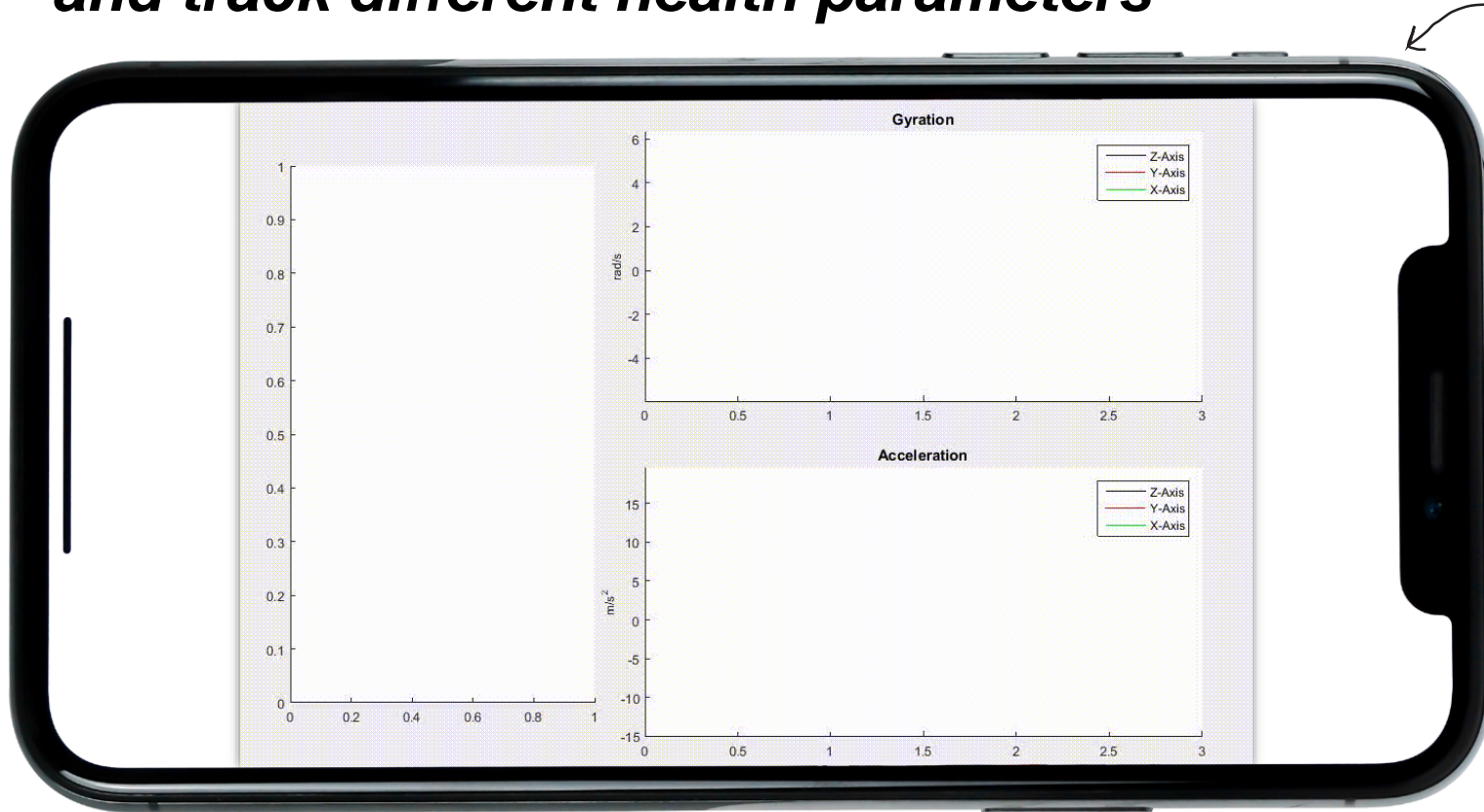


Personalised Healthcare

Treatment based on Personalised Dx and Rx^{1,2}



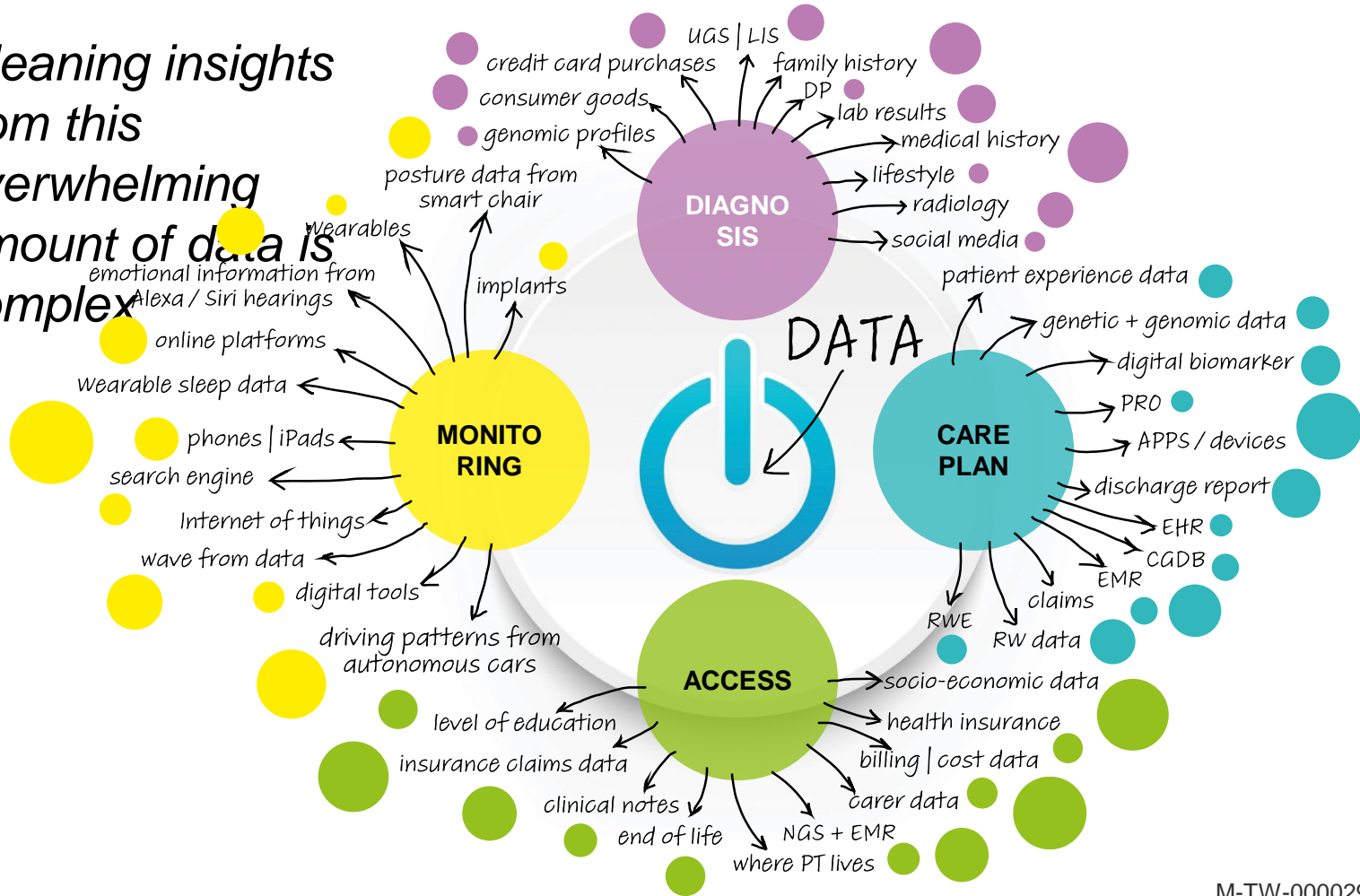
Today, we have the technological capability to generate and track different health parameters



Digital health products help us better understand patients & their diseases



*Gleaning insights
from this
overwhelming
amount of data is
complex*



Issues with the Current Care Model



**diagnosis
happens late**



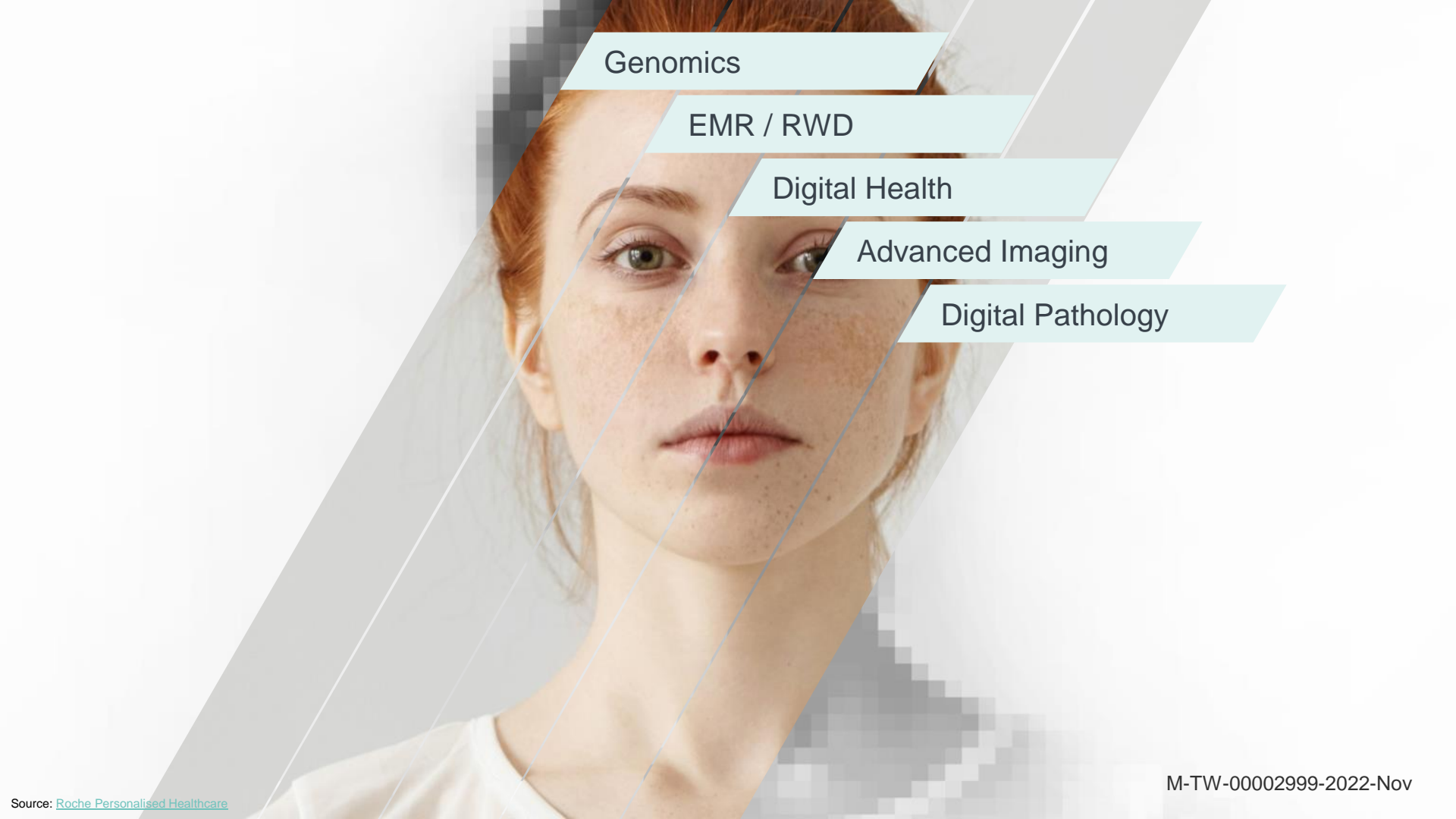
**standard
care plan**



**limited &
slow
access**



**inconsistent
or absent
management**



Genomics

EMR / RWD

Digital Health

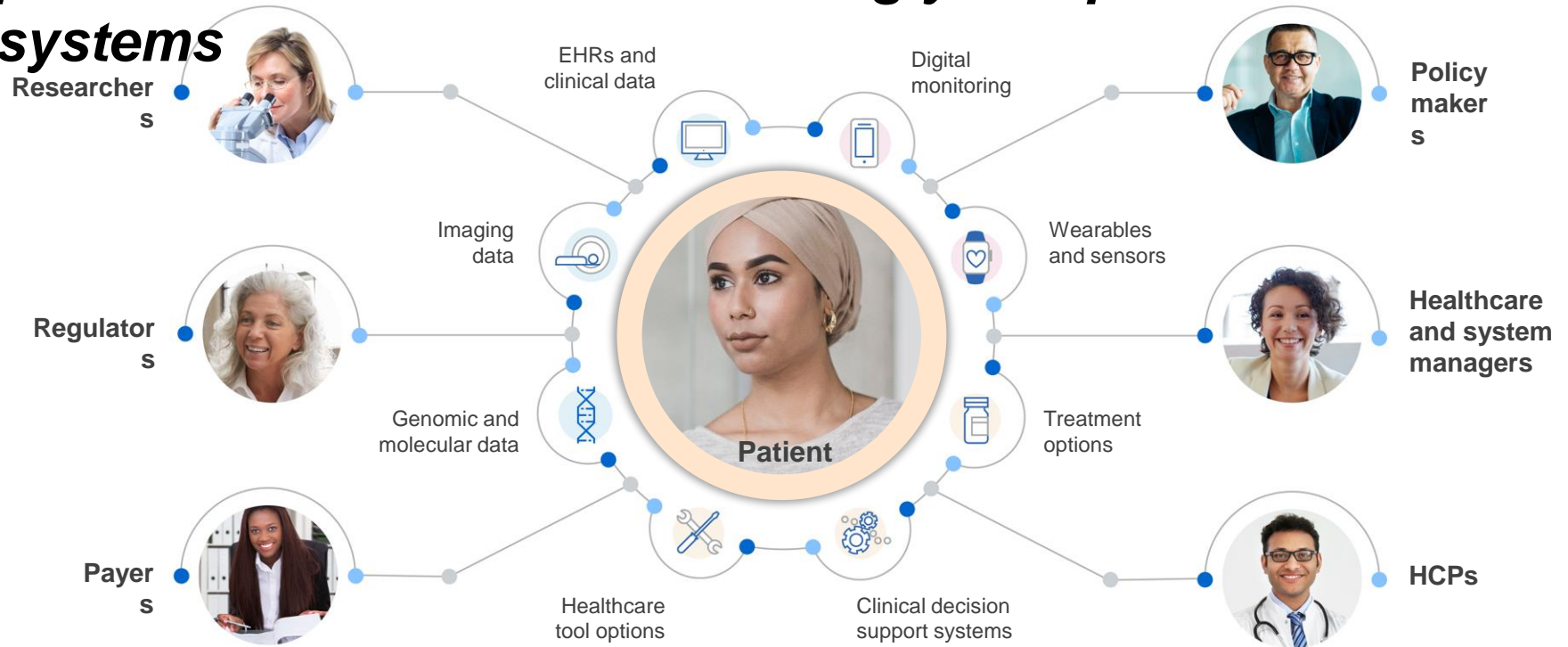
Advanced Imaging

Digital Pathology

Personalising the Care Model



Personalised healthcare is an approach that puts the patient at the centre of increasingly complex healthcare systems



What does that mean?

*...deeper understanding of each patient: **treating the person**, not the condition...*

*...giving people **more choice** and more **control**...*

*...involving people more in **making decisions** about their **health and care***

Benefits of PHC at a community and health system level



Health
Outcomes

Conditions are better managed with more **meaningful results faster and more accurate & early diagnosis**



Quality of
Life

Better understanding improves confidence that a care plan meets needs and **supports quality of life**



Empowerment

Individuals and caregivers better understand their condition and can contribute to the **formulation of better clinical guidelines**



Financial

Costs are reduced due to **fewer avoidable treatments** and care — patients & health systems **only pay for what works**



Societal

Improved outcomes achieved quicker, with fewer side effects meaning **people (and families) can contribute more to society**

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We are very excited about our partnership with the Taiwanese health system to further personalise healthcare



Roche's partnership with the National Health Research Institutes in Taiwan commenced in 2019¹

Facilitating national access to CGP and expanding access to MGTOs¹

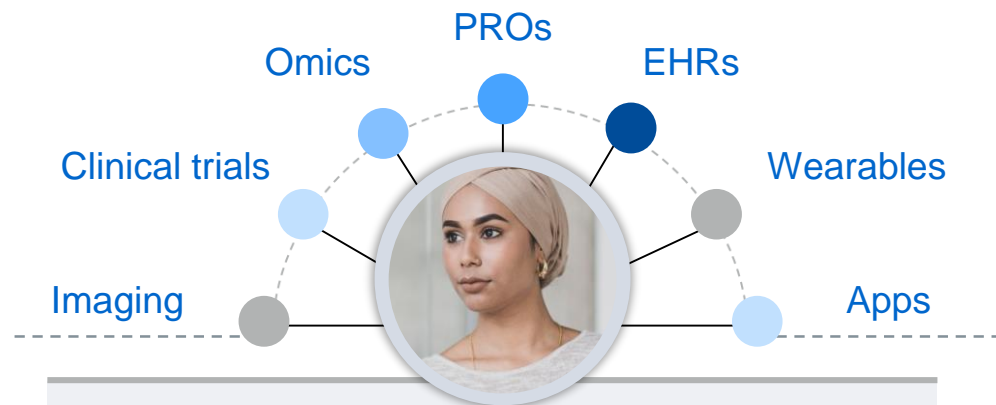
Establishing a **CGDB** and **promoting the use of RWE** in regulatory and reimbursement decisions¹



Taiwan is a strategically important market for global biopharma

- **Advanced health system:** Provision of high quality care via Centres of Excellence
- Well-developed **health IT infrastructure** to support digital health
- **Forward-looking payer / reimbursement system** for healthcare services
- High activity in the global **biopharma clinical trials** space
- Vibrant local **research-based biopharma** and diagnostics industry
- **Asian population** that represents a large section of the global population
- Good governance, **collaborative environment** for global companies

Data and analytics can provide a deeper understanding of each patient and their disease



Meaningful Data at Scale are high-quality, longitudinal, multi-modal patient-data curated and linked from clinical studies and the real world with the specific purpose of addressing key scientific questions

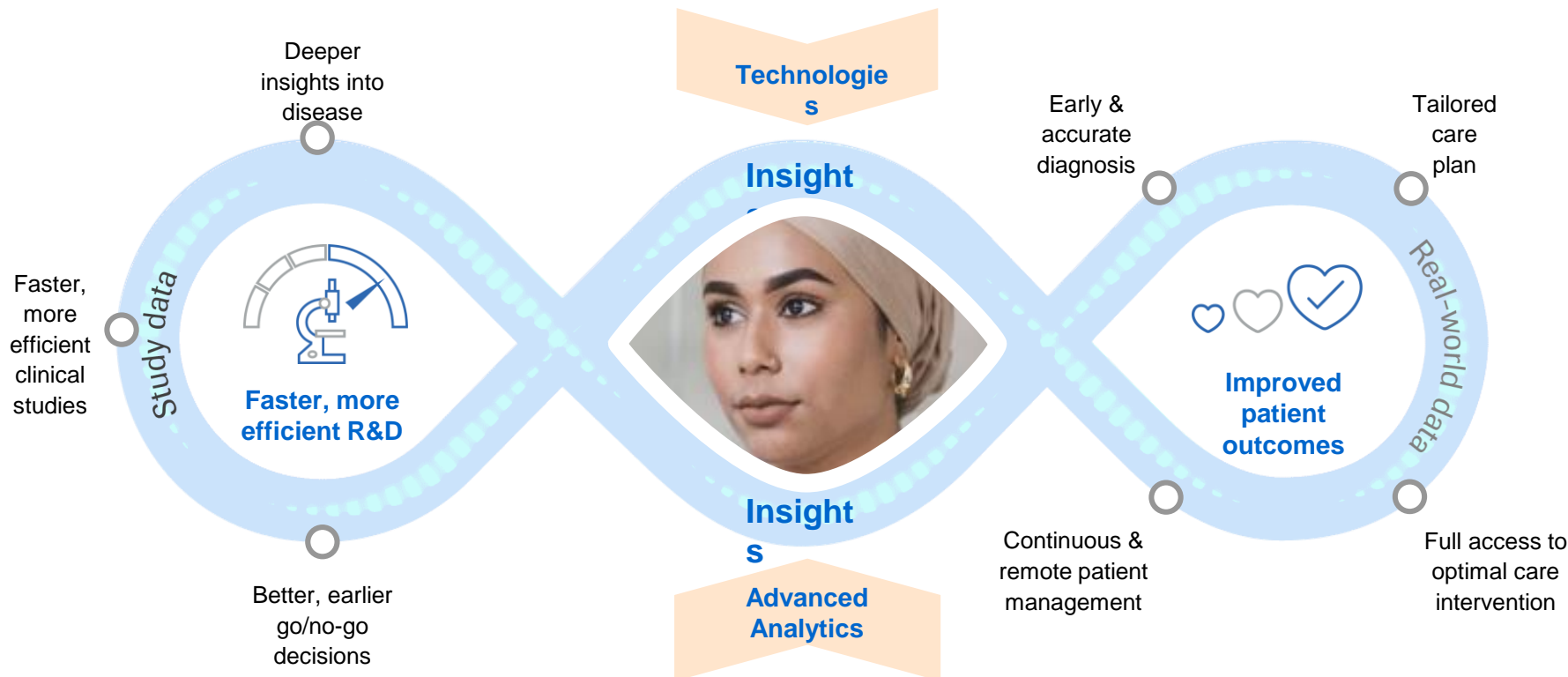


The **CGDB created in Taiwan** can be used to generate actionable insights that **accelerate R&D and improve patient outcomes**

Such initiatives and collaborations will benefit all stakeholders



Unlocking the potential of data, technology and analytics to accelerate R&D and improve patient outcomes



Conclusion



Advancements in clinical development & technology can be leveraged by health systems to deliver personalised healthcare to citizens



Not only does Personalised Healthcare enable better clinical outcomes, it could also help reduce wastage in the health spend



The successful transformation of our health systems depends on how well we all collaborate with each other

A photograph of a male doctor with grey hair, wearing a white lab coat over a yellow shirt, sitting at a wooden desk and looking at a laptop. A female patient with dark hair tied back, wearing a light-colored blouse, is sitting across from him, looking at the laptop. In the background, there is a framed X-ray of a chest on the wall and a framed portrait of a person. The scene is set in a bright, modern office or clinic.

Thank you