



Canolfan Gwerth  
mewn Iechyd Cymru



Welsh Value  
in Health Centre

# Knowledge is king – the power of clinical and patient-generated data



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# We will discuss:


Why should we invest in clinical and patient-generated data?

Using data – transforming it into information

# The consequences of not knowing

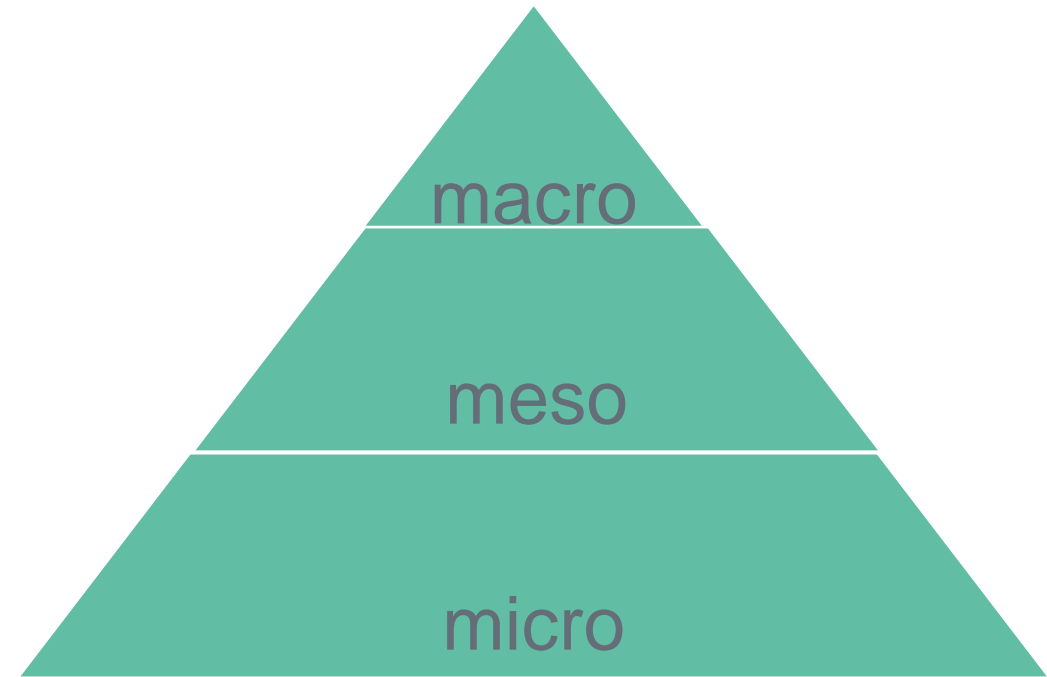
- Real world clinical effectiveness unknown
- Patient preference and context
- Clinical variation
- Incomplete info/advice for people to make decisions
- No way of objectively knowing how people are getting on at home

Voltaire (1694-1778)



'Doctors pour drugs of which they know little, to cure diseases of which they know less, into patients of whom they know nothing'

- Population health
- Processes of care (pathways)
- Supporting care of the individuals



# Achieving outcomes for patients, achieving sustainability

## Patient factors

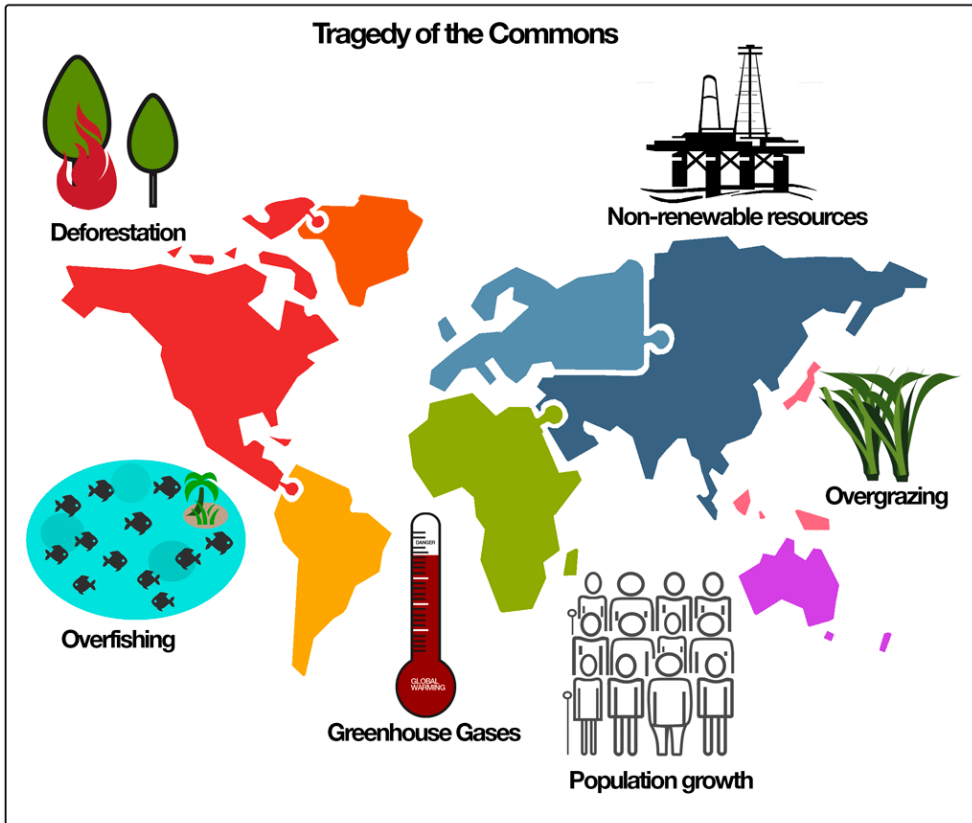
- Raise health literacy
- Support healthy behaviours towards prevention and optimisation of quality of life
- Support shared understanding of medicine-towards the best choices
- Supported self-management



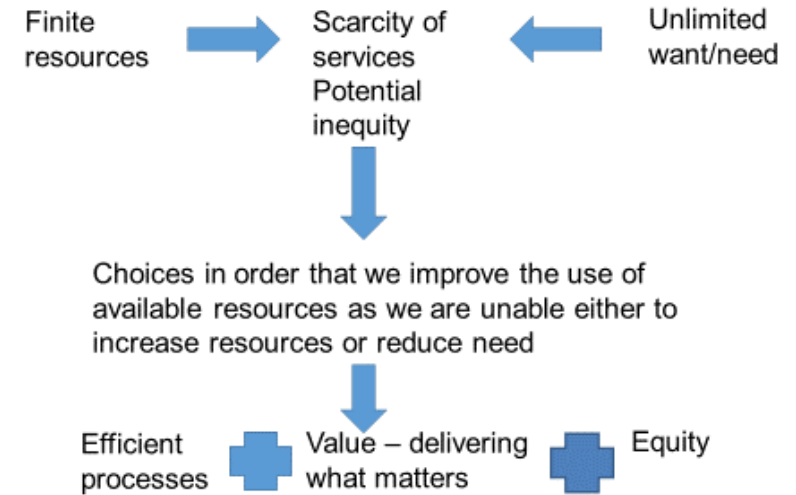
## Healthcare factors

- Financing for value, optimum allocation and prioritisation of resources, incentivising best practice
- Decrease unwarranted variation and low value care
- Optimum positioning of drugs and devices
- Tailoring treatment to the individual's goals and context including preferred place of care
- New models of care, digital health, releasing capacity in the system
- Focus on meeting true need and reducing inequities

# Choices



## Allocating resources to achieve the outcomes that matter



# Managing risk together




If only they  
would just....

- **National data atlases**
- **Clinically informed and validated**
- **Outcome, process, cost info**



**National Lung Cancer Dashboard** [↗](#)

Click here for more



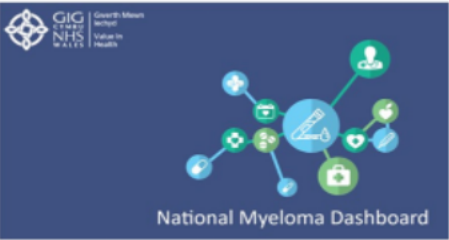
**National Heart Failure Dashboard** [↗](#)

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**National Knee Arthroplasty Dashboard** [↗](#)

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**National Myeloma Dashboard**

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**National IBD Dashboard**

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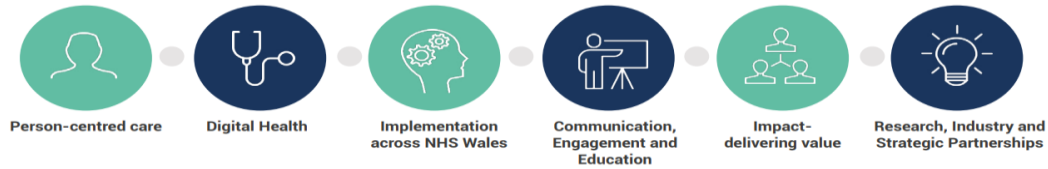


**National ABI Dashboard**

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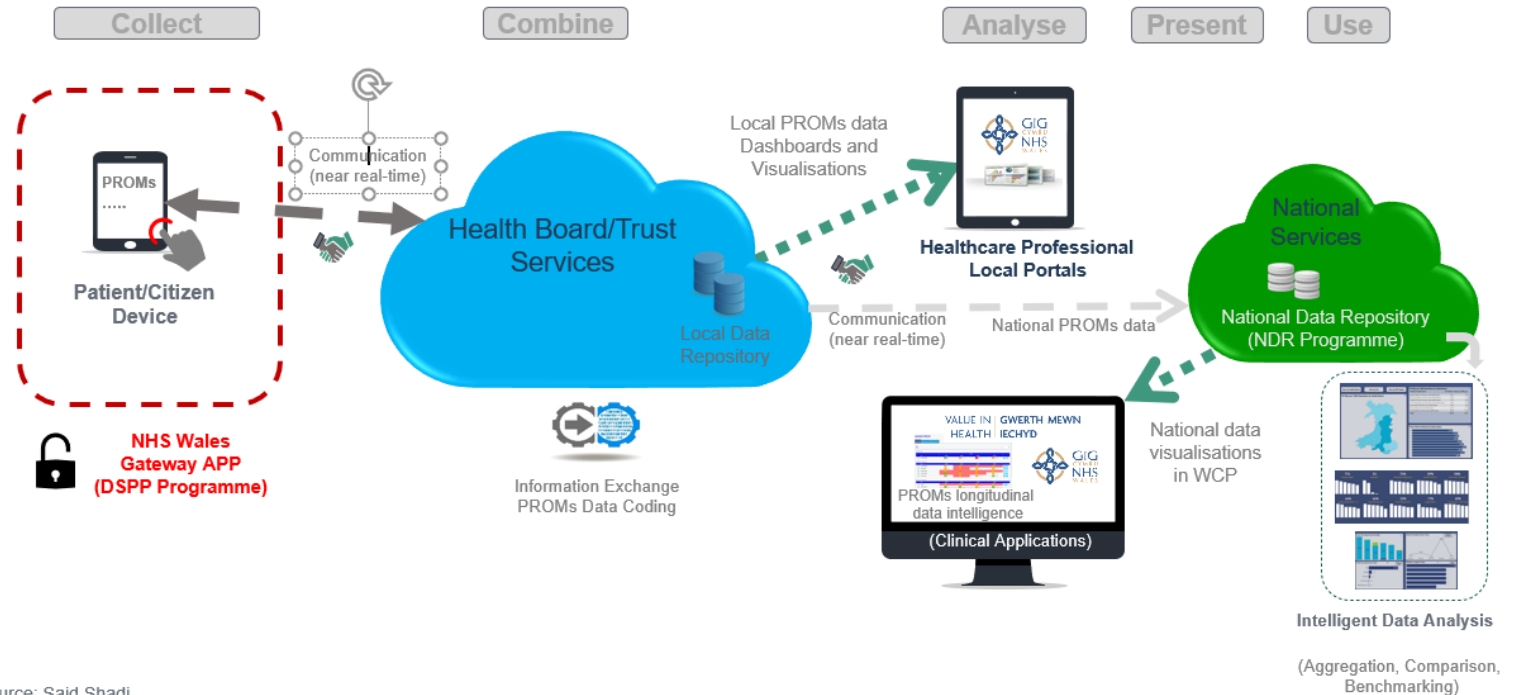
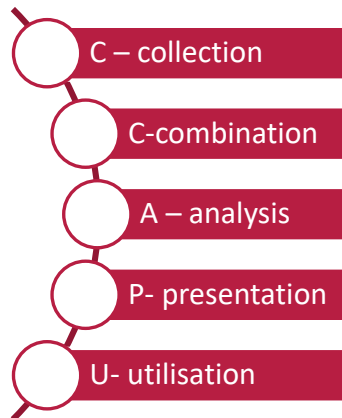
# PROMs/PREMs



Value-based healthcare demands a data-informed approach to decision making at all levels, to support shared decision making in the consultation, for quality improvement in a service, for resource allocation or for research.

## PROMs – End to End Data Flows

There are five key stages in the end to end process for PROMs



Source: Said Shadi

“Life is choices. They are relentless”

Atul Gawande



**Thank you for listening**

