



# MEASUREMENT

## Monitoring & Evaluation

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# Our Value Based Healthcare approach puts the focus on the patient



**Health outcomes**  
that matter to  
patients



**Effectiveness  
and efficiency**  
of care



Experiences of  
**receiving care**



Experiences of  
**providing care**

# Guided by stakeholders, we measure what we should, not what we can

Measure value from a patient, clinician, service & system perspective



Case for change  
and upfront  
Economic  
Assessment

Quarterly  
Monitoring

Patient reported  
measures  
  
Clinician  
experience

Activity  
Benefit

Costing  
Studies

Registry of  
Outcomes,  
Value &  
Experience  
(ROVE)

Evaluations –  
Process,  
Outcomes &  
Economic



**The rigour of the program appeals to people.**

**The evidence of the data and models have reduced the squeaky wheels. This makes LBVC look a bit different to other programs or strategies that have come before.**



Executive Sponsor, LHD

# ► And improving our ability to measure and evaluate the impact of our care



## Measurement Alignment Framework - Principles

- Measure what we should not just what we can
- Collect data once, use for multiple purposes
- Join up data and house in one place
- Fill the gaps on the way
- One set of aligned, consistent measures
- Use to support priorities and inform decisions
- Make data accessible and useable



## Monitoring and reporting

- From volume to value
- Focus on outcomes not outputs



# A virtual registry (ROVE) joins information across the patient journey



**Register of Outcomes,  
Value and Experience**

## NSW ROVE Public Health Registry

Falls	Chronic Wound	Children with Bronchiolitis	Inpatient Diabetes	Cardiac Heart Failure	Chronic Obstructive Pulmonary Disorder	Direct Access Colonoscopy for positive faecal occult blood test
Stroke	Hip Fracture	Renal Supportive Care	Osteoporotic Re- fracture Prevention	High Risk Foot services	Osteoarthritis Chronic Care	Hypofractionation Breast Cancer

**LBVC COHORTS**

## All Source Datasets – cohort and all their records to be provided

Admitted Patient	Emergency Department	Bureau of Health Information – Patient Survey Program historical 2013 - 2017	Registry of Births Deaths & Marriages	Patient Survey Program cohort specifically targeted	Patient Outcomes and experiences	Non-admitted patient historical
Activity Based Management NWAU & SNAP data	Non-admitted patient	District and Network Return Costing data	Enable NSW & NSW Waiting List	Clinical Audit (Diabetes, COPD, CH F)	EMR data as it becomes available	Central Cancer Registry

## NSW Auditor General Review

### Implementation of the NSW Government's Program Evaluation Initiative

2016

- Considered NSW Government's program evaluation initiative to be **largely ineffective**
- **Insufficient information** provided to decision makers on program performance.
- Recommended **more independent and robust evaluation** required to inform decision making.

2019 -  
present

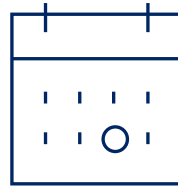
- Revising suite of Guidelines, with an increased emphasis on **economic evaluation**.
- Agencies **must follow Guidelines** to access and maintain **Government funding** (both capital and recurrent)

2019

### Expenditure Review Committee

ERC agreed that Agencies must adhere to NSW Government Guidelines to evaluate if programs **achieve their expected outcomes** and **demonstrate value for money**.

# The Government Evidence Bank Reforms have an increased emphasis on economic evaluation



## 2019

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## 2019 – present

### NSW Treasury

Revising suite of Guidelines, with an increased emphasis on **economic evaluation**

Agencies **must follow Guidelines** to access and maintain **Government funding** (both capital and recurrent)

# The Evidence Bank reforms mandate significant new requirements to access Government funding

## **Revised Treasury Evaluation Guidelines**

Increased requirements for economic evaluation.

*(Released recently)*

## **Revised Cost Benefit Analysis (CBA) Guidelines**

Increased emphasis on CBA as Treasury's preferred method for economic evaluation.

*(Currently under revision)*

## **Revised Business Case Guidelines**

Stronger requirements to include economic evidence and CBA

*(Currently under revision)*





# “New” investment circle

## Problem definition

Establish the case for change and explore options

## Strategic business case

Consider the feasibility and value for money

## Detailed business case

Identify the preferred option and determine commercial arrangements for deliver

## Evaluate

Evaluate the investment to inform decision making

## Implement and monitor

Procure, deliver, manage and monitor

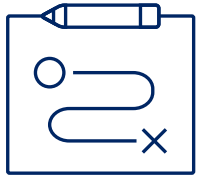
Investment lifecycle



## Annual Reporting

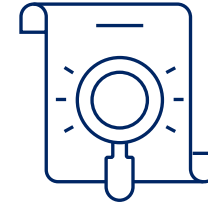
Initiatives over \$10 million are included in an Evidence Bank report to Treasury.

# TRGS “evaluations” should be foundational & help us model potential impact if scaled



## Key considerations

- VBHC approach
- Complement not duplicate
- Align to existing M & E approaches
- Create knowledge
- Support “translatable” focus
- Use pragmatic designs eg economics decisions
- Use common PE and CE variables



## TRGS Evaluation

- Foundational
- Help model potential impact if scaled
- Basis to inform future investment