

# **From Testing to Targeted Treatments**

Access Barrier Cause-Effect Canvas for Precision Medicine (PM) - Beta version





# Access Barrier Cause-Effect Canvas (Beta)







### An adaptable resource for PM advocates

#### Why is this tool relevant to the PM work?

The challenges in making Precision Medicine (PM) more accessible to patients are complex and interconnected. To be able to design the right solutions and make sustainable impact, we need to understand the access barriers experienced by different stakeholders at every step of the patient pathway.

#### What is this tool?

This skeleton "canvas" aims to help identify the patient pathway in a given condition and/or geography, the barriers faced by different stakeholders at each step in the pathway, the root causes to these barriers, and good practices and potential solutions to these barriers.

#### Who is this tool for?

For PM advocates and those working in PM

#### How should this tool be used?

We recommend working on this canvas collaboratively in a workshop or a series of workshops involving different stakeholder groups. This ensures that the constraints and needs of each stakeholder group can be taken into account in addressing barriers and solutions. We recommend aiming for balanced representation from patient community, healthcare professionals, industry, payors and regulators, and any other stakeholders who could benefit from the outputs.





### How to use the canvas

We recommend following these steps in a collaborative workshop with other stakeholder types.

- 1 Print or draw the blank canvas
- 2 Using the example, identify the different steps in the patient pathway in the disease or condition concerned.
- 3 At each step of the patient pathway, identify potential access barriers
- 4 Identify the possible root causes of each barrier (e.g. using a Fishbone methodology)
- 5 Identify possible solutions for each barrier

#### Sources:

LUNGevity, Precision Medicine Initiative, "The biomarker testing journey of NSCLC". 2021.
"Optimizing oncology care through biomarker adoption: barriers and solutions". IQVIA Institute. August 2020.
"Vision 20-30 Building an Australian Cancer Futures Framework". National Oncology Alliance - Rare Cancers Australia. November 2020. P 20-21.





# Step 1: Print or draw the canvas on a large piece of paper

Add rows for any missing stakeholder groups



Patient Experience (Feel / Do)



Patient



HC



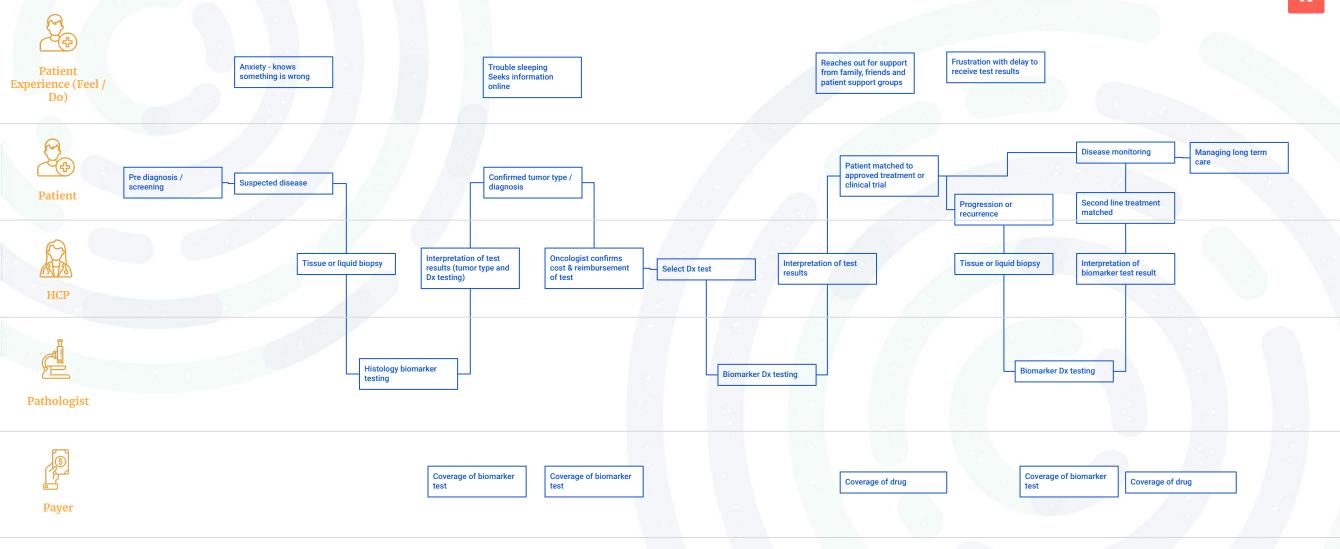
**Pathologist** 



Payer

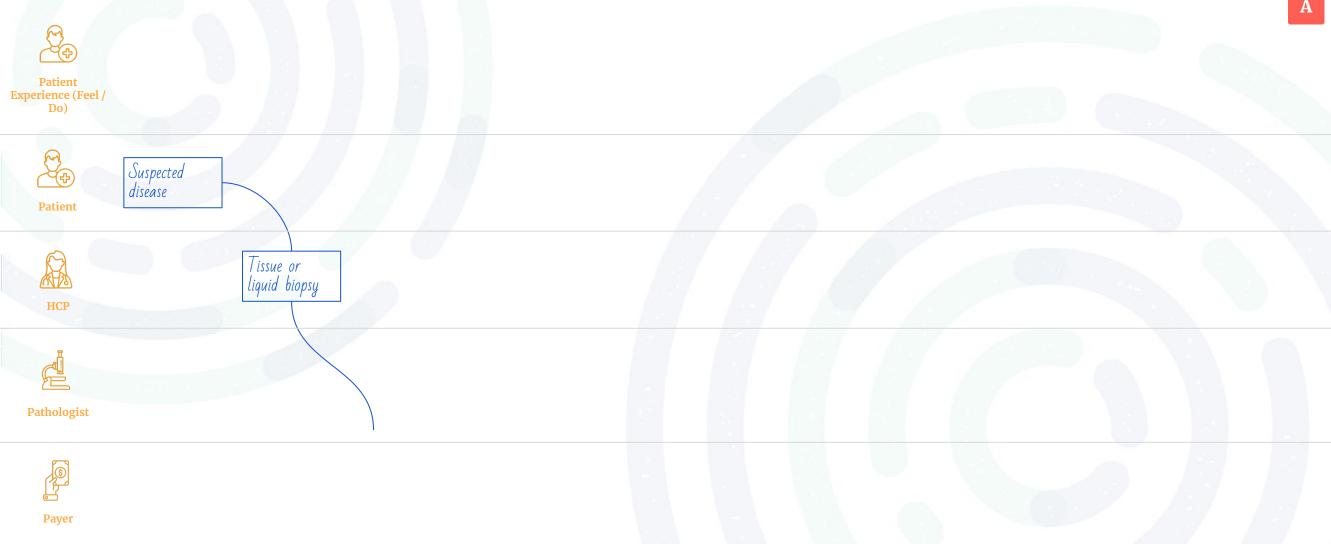


# Here is an example patient pathway



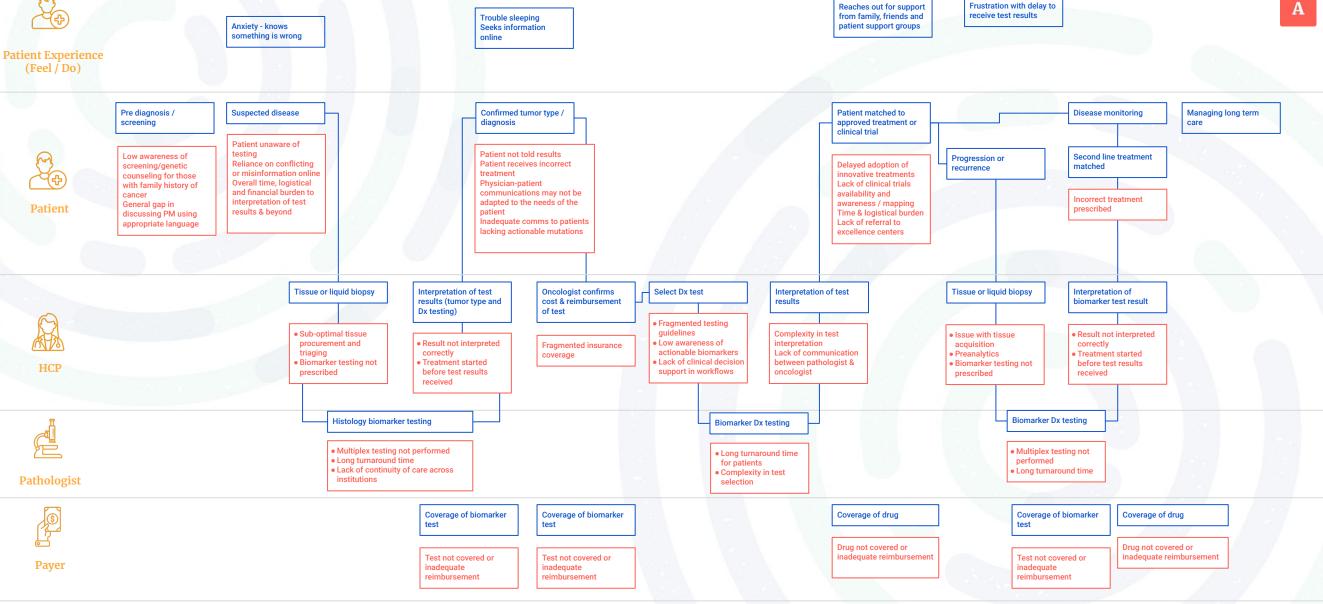


## Step 2: Draw or use Post-its to map out the patient pathway in your area (example)





### Here are some examples of access barriers at different steps of the patient pathway

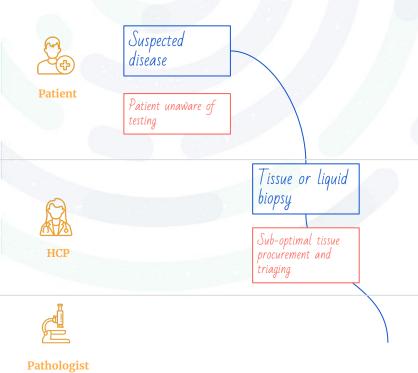




# Step 3: Fill in the access barriers at each step of the pathway (example)



Patient Experience (Feel / Do)





Payer



## Step 4: Identify root causes to each barrier

Define possible root causes through a co-creation exercise that can be performed in a multi-stakeholder workshop. An example methodology that can be used is the **cause-effect Fishbone methodology**. Take each barrier, and investigate the root cause of the barrier and the interdependence between the stakeholders in overcoming this obstacle.

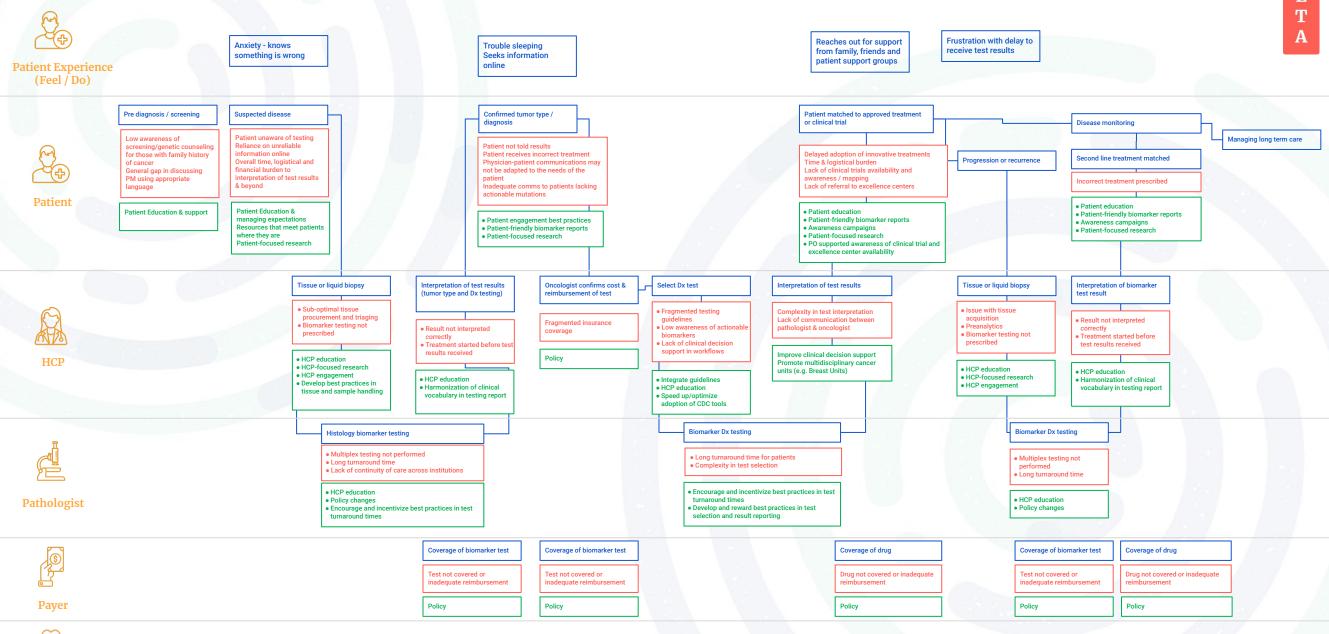
Beyond the classic causal factors such as People, Methods, Materials, Equipment, and Environment, you may also want to consider **Data or Evidence factors, Awareness and Education factors and Health System factors**.

Example tutorial: <u>How to create cause-effect diagrams</u>





### Here are examples of solutions for each access barrier





# Step 5: Add potential solutions for each of the barriers (example) Patient Experience (Feel / Do) Suspected disease Patient unaware of Patient Patient Education Patient-focused research Tissue or liquid biopsy Sub-optimal tissue procurement and triaging Develop best practices in tissue and sample handling **Pathologist**



Payer



### **Example completed canvas**

