

# Routes to Reduce Turnaround Times for Molecular Diagnostics

Dr Louise Medley

Consultant Medical Oncologist

Torbay and South Devon NHS Trust

## Declarations

- Consultant Medical Oncologist, Torbay and South Devon NHS Trust
- Cancer Lead Solid Tumours South West Genomic Laboratory Hub
- NIHR CRN South West Peninsula Lung Cancer Site Speciality Lead

# Challenge: Equity of Access to Personalised Treatment

## Tissue Pathways



Bronchoscopy



Image guided Biopsy



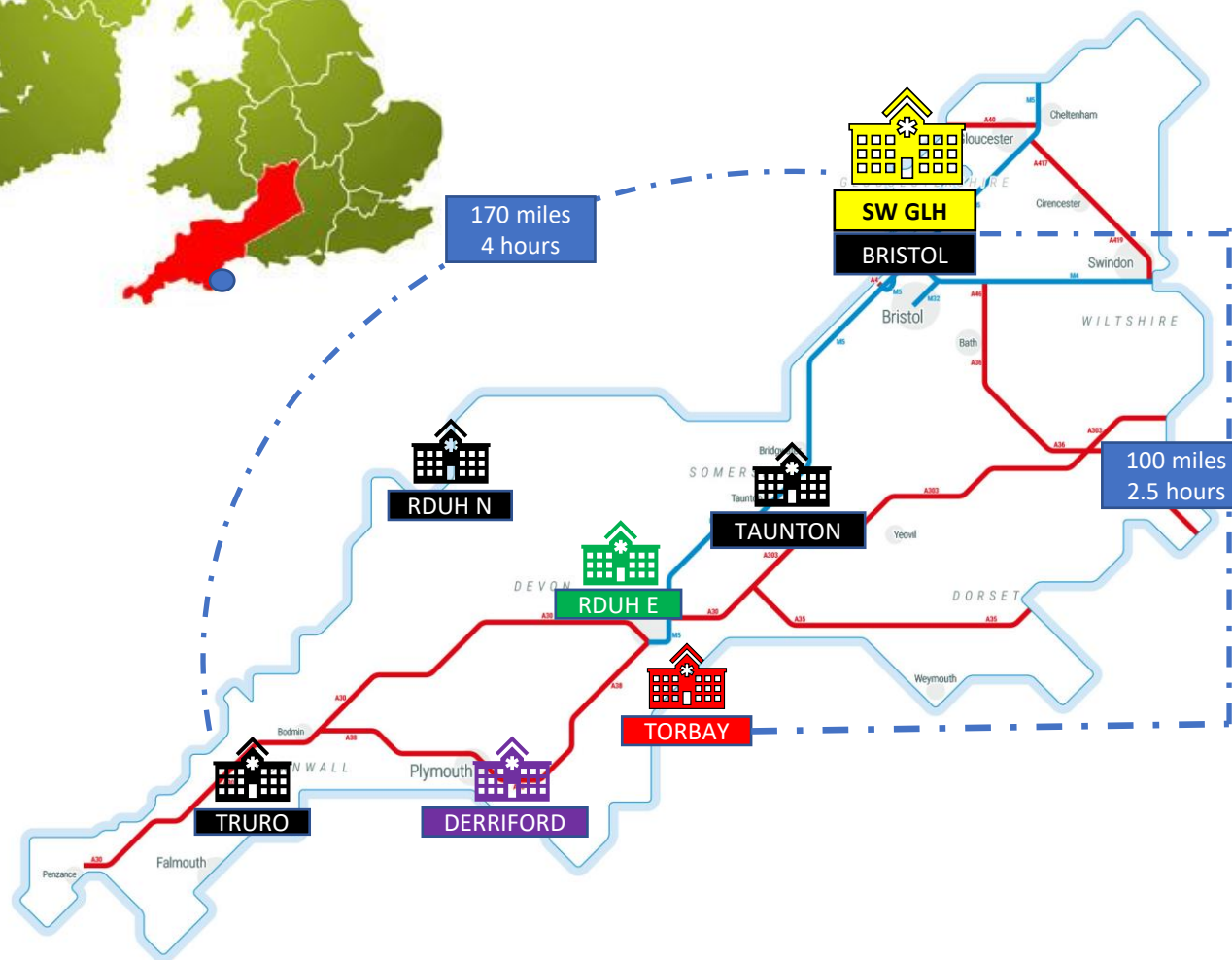
EBUS



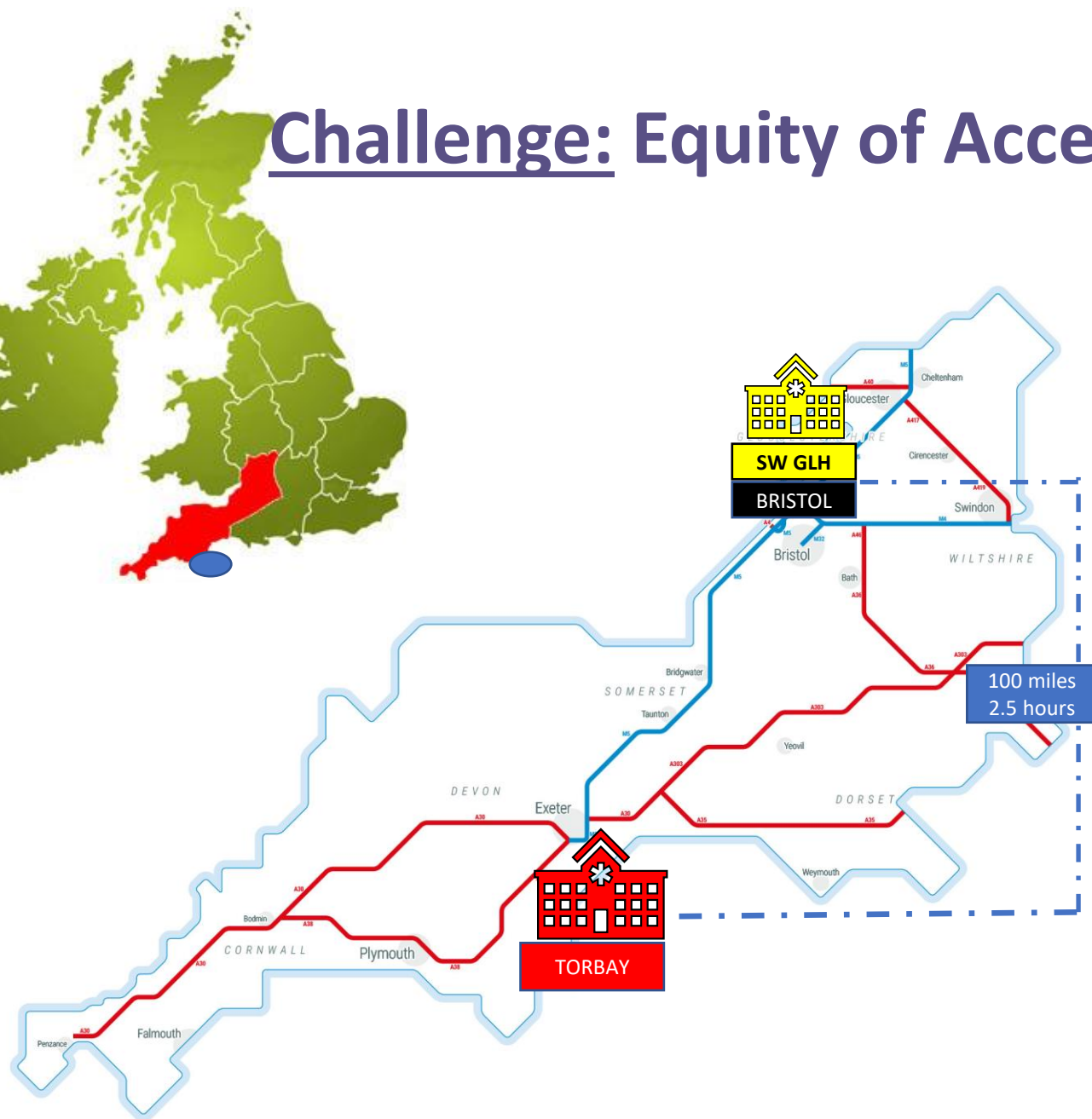
VATS, Thoracic Surgery



Full Molecular Panel Testing



# Challenge: Equity of Access to Personalised Treatment



Louise Medley 10/11/2023



Full Molecular Panel Testing

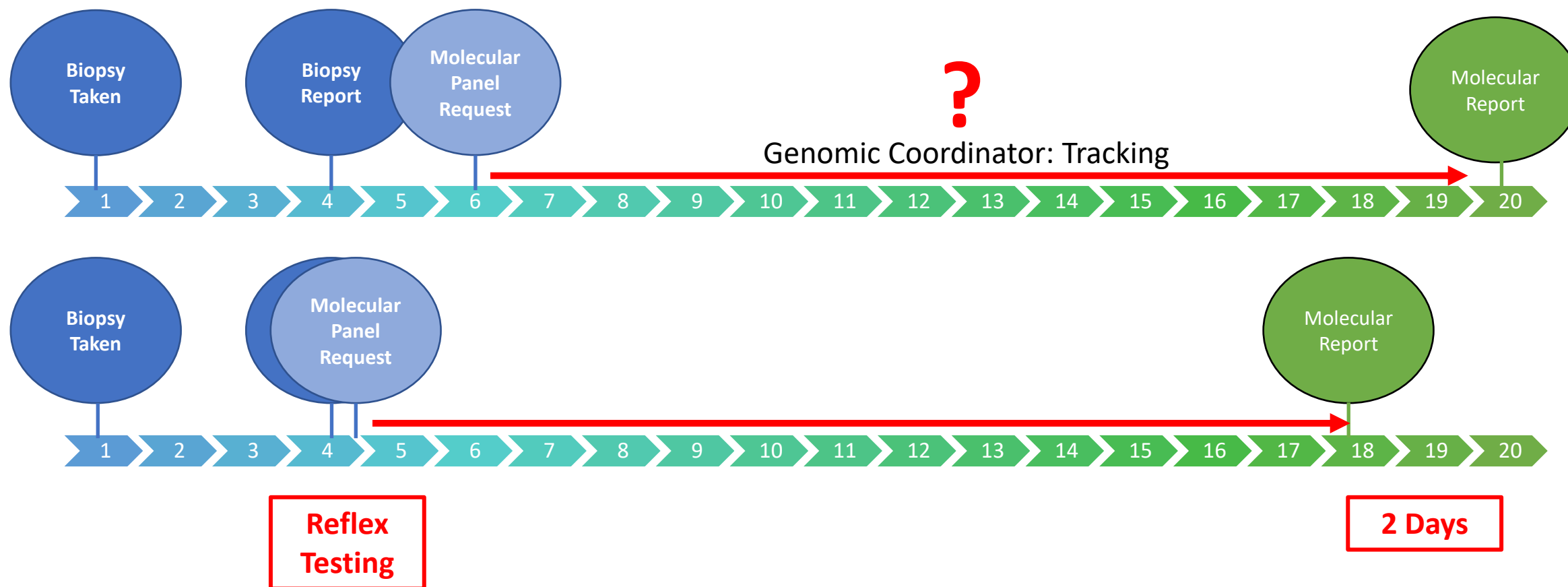


Genomic Coordinator

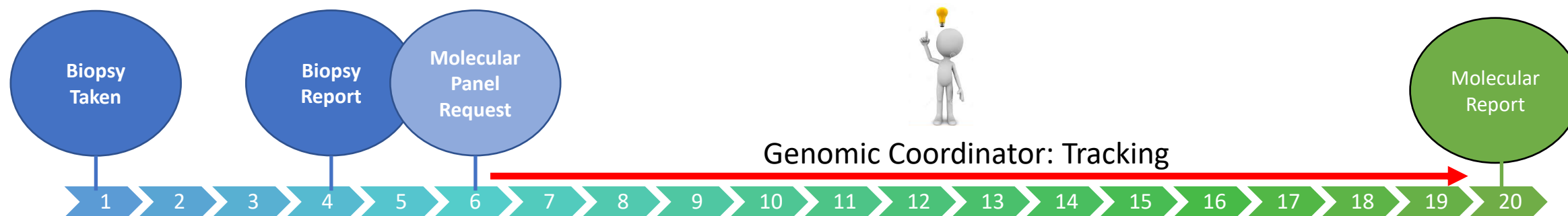


UNITED KINGDOM  
LUNG CANCER COALITION

# The Tissue Pathway: What Is Within Our Control?



# The Tissue Pathway: What Is Within Our Control?



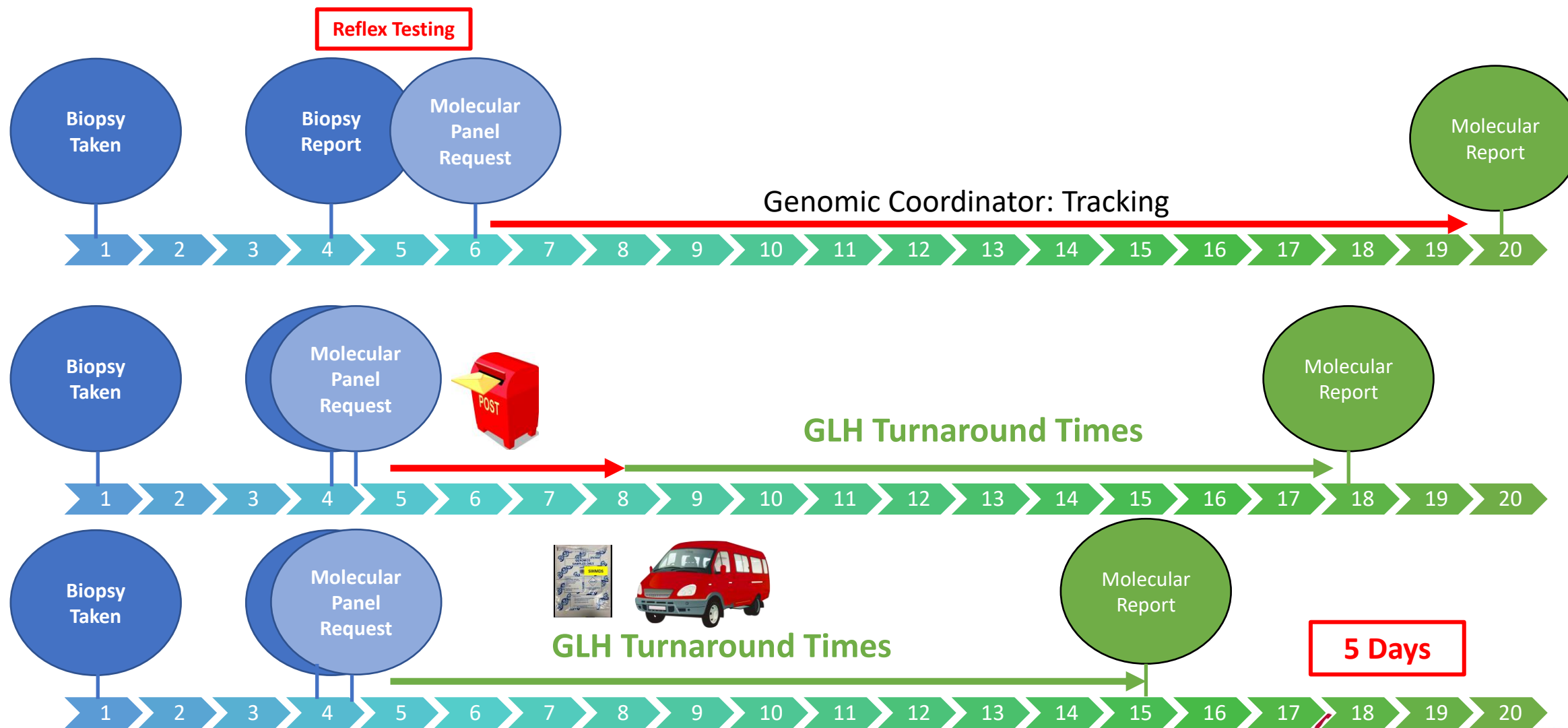
**'HPV' Van**



**Strikes**



# The Tissue Pathway: What Is Within Our Control?

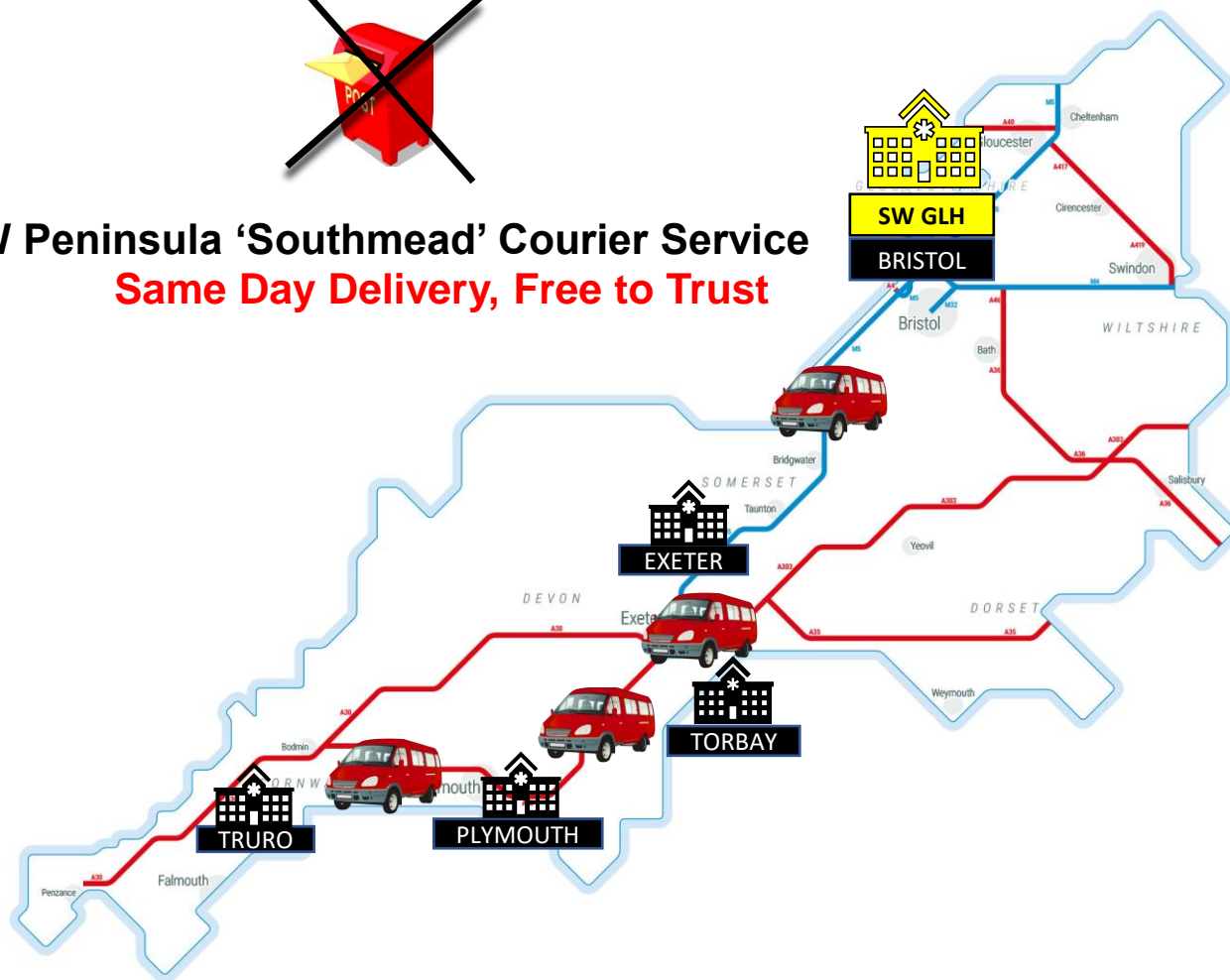




# Equity of Delivery of Tissue to Facilitate Personalised Treatment



**SW Peninsula 'Southmead' Courier Service**  
**Same Day Delivery, Free to Trust**



Louise Medley 10/11/2023

**Simple changes can make significant improvements in pathways**



Thank you to **Alex Murrell** (Torbay Genomic Coordinator) and **Torbay Histopathology Department** for driving change



Thank you to **SW GLH** and **SW GMSA** teams for support in embedding this change in multiple trusts.