

# Improving Datix Reporting in Microbiology

Teams Involved: Putting Thing Right/ Quality and Clinical Governance/ Microbiology Health and Safety and Quality Team

**Aim: To reduce the number of "other" incidents reported by Microbiology in Datix to less than 3 per month by Sep 2023**

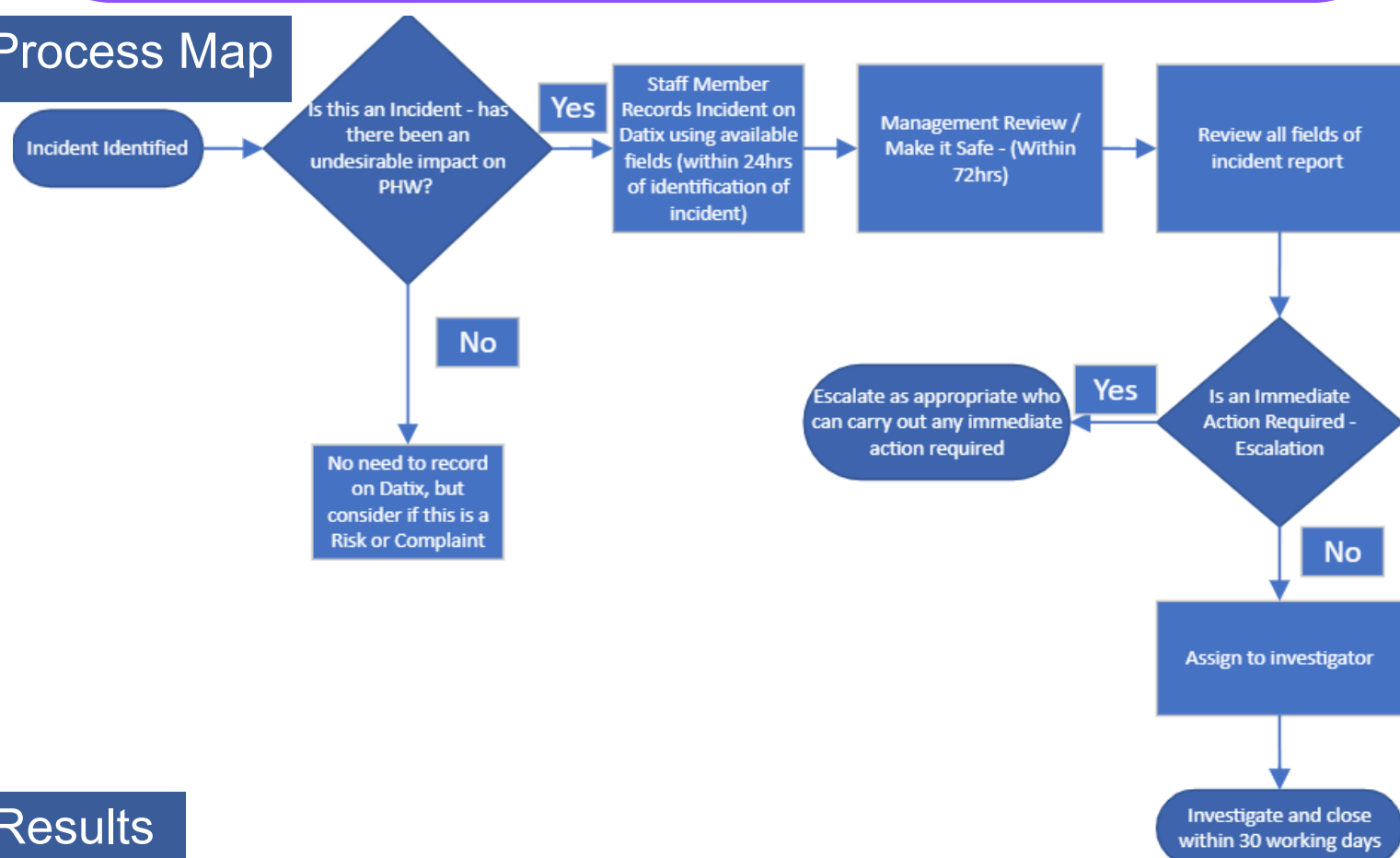
## WHY?

- Datix is a Risk Management Information System designed to collect and manage data on adverse events. The purpose of collecting such data is to identify learning and implement improvements. In order for data to be analysed correctly and identify improvement, it must be accurate and up to date. Through undertaking this data analysis, it was identified that there were a significant number of "other" incidents reported in Microbiology, with a marked increase in reporting in September 2022.

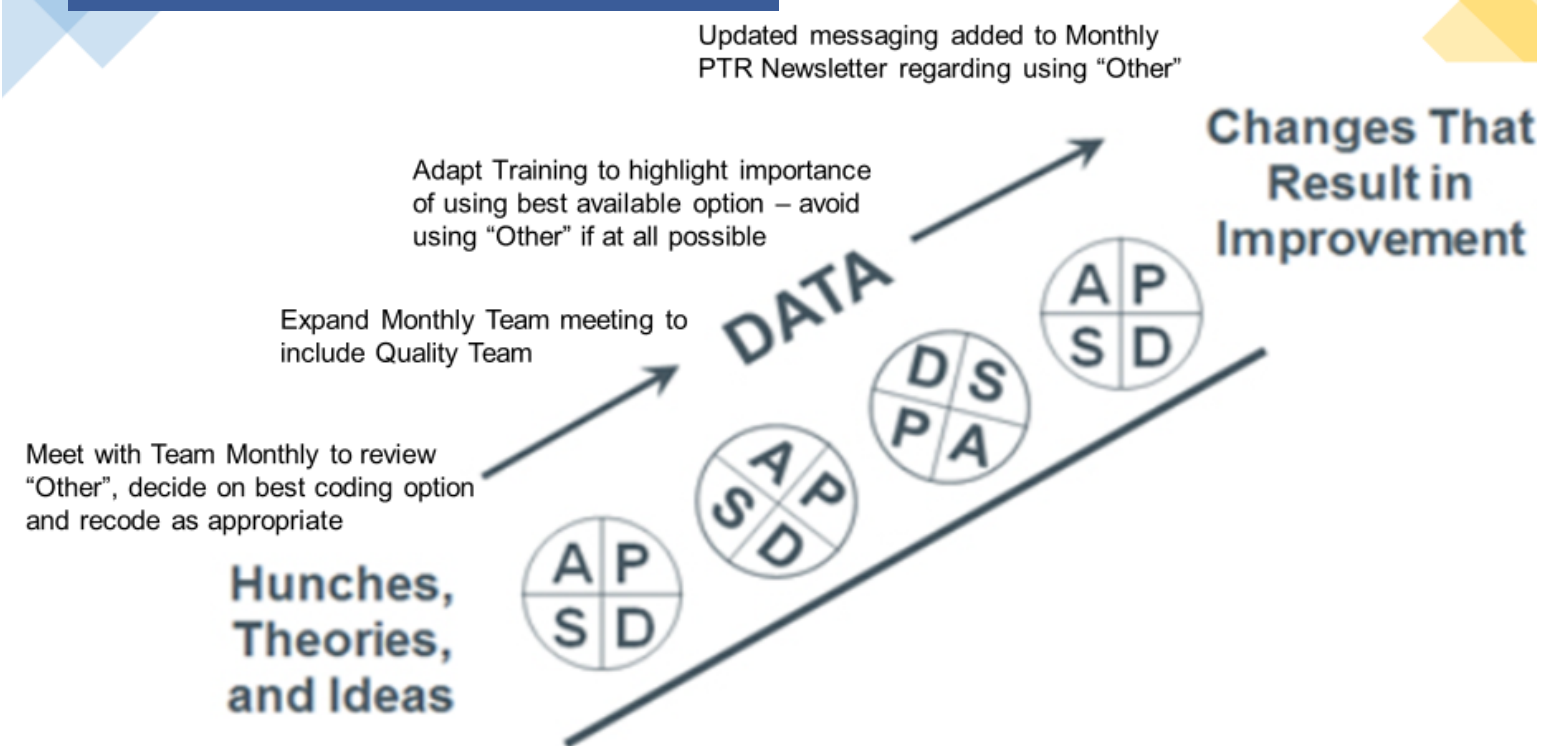
## METHODS

- Stakeholder Engagement
- Formation of multidisciplinary team consisting of Putting Things Right Manager, Quality and Clinical Governance Manager and Health and Safety Manager
- Sampling of data over time
- Process Mapping to understand current reporting procedures in microbiology

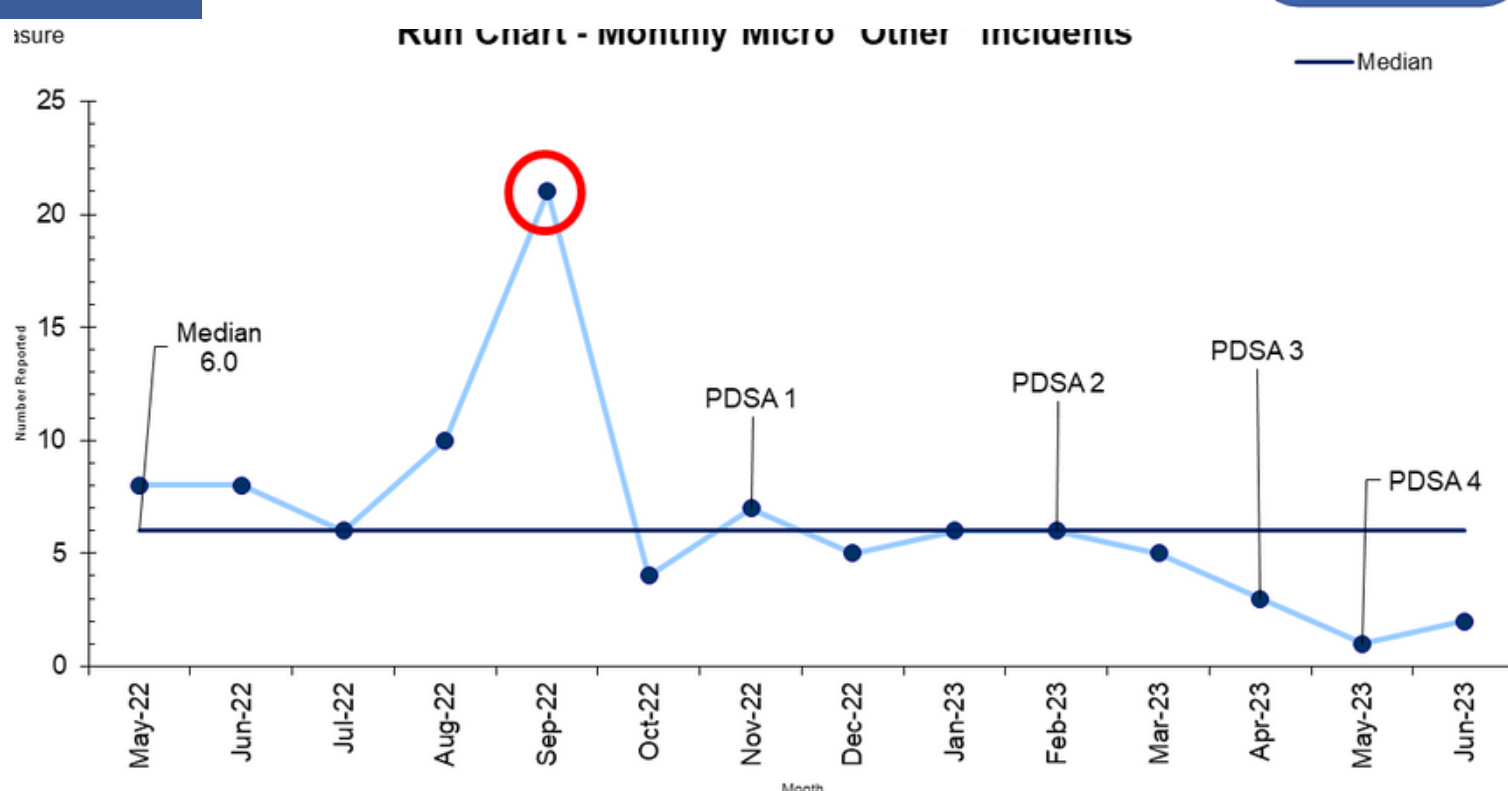
## Process Map



## PDSA - Plan, Do, Study, Act



## Results



## CONCLUSIONS

- Retrospective review and recoding of incidents is improving data collection
- Improved reporting across microbiology
- Expanding the team was of great benefit
- Changes to training - Level 1 and Level 2 - has improved reporting/ coding
- Messaging on PTR Monthly Newsletter has assisted with embedding the message

## MICROBIOLOGY RELECTIONS

- Collaboration between teams was the defining step to a cascade of actions resulting in improvement
- The quality of collaboration was key to determining successful outcomes
- Improved confidence in quality of data being produced
- Improved ability to identify trends and implement effective interventions
- Further improvement expected on restoration of key codes removed by datix Cymru team

## NEXT STEPS

- Continue to undertake retrospective reviews of "other" incidents - not just monthly, but go back over previous months
- Continue to monitor monthly data
- Work closely with microbiology when an incident is initially reported as "Other" to identify if another option is available
- Process Map to be updated
- Adapt Level 1 and 2 training as necessary