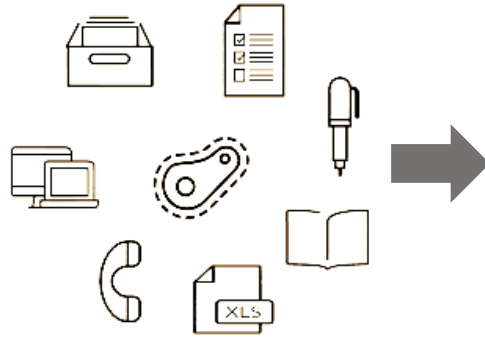


# Standardisation of practice through technology: the single patient infection prevention record for Wales

M. Morgan<sup>1</sup>, S. Morris<sup>1</sup>, E. Davies<sup>1</sup>, S. Daniel<sup>2</sup> on behalf of the Wales ICNet User Forum  
 1. Public Health Wales NHS Trust; 2. Hywel Dda University Health Board; Contact: mari.morgan@wales.nhs.uk

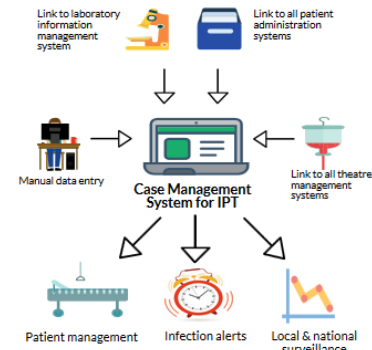
## The Problem

- Healthcare associated infections (HCAI) cause significant patient morbidity and mortality and costs to the NHS
- 2017 survey estimated 1 in 18 patients in the acute sector in Wales had a HCAI
- Infection Prevention Teams (IPT) in Wales used multiple systems to identify HCAI patients, record treatment and advice given, and to collect risk factor data



Inefficient; Data difficult to access and standardise for patient care and local and national surveillance

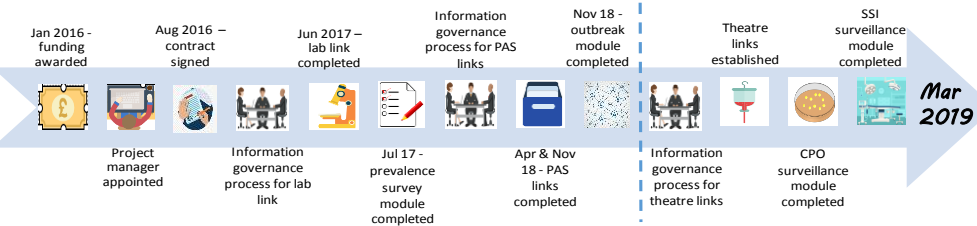
## The Plan



- Purchase commercial case management system for all NHS IPT in Wales
- Welsh Government start-up funding
- Unlimited licences
- Near real-time access to results for IPT
- Single patient infection prevention record
- IPT access to entire patient record, including information from other hospitals
- Admission and cluster alerts to facilitate early intervention and outbreak detection
- 4 bespoke surveillance modules

## The Progress

### Roll out



- Demonstrated establishment of national infection prevention system possible: system in use in all 19 NHS IPT sites in Wales
- Use of system and consensus working through user forum is bringing standardisation to IPT practice across Wales

### Standardisation

Single system	Single patient infection prevention record	User forum to progress on Wales basis	Standard organism list	Minimum data sets for <i>C. difficile</i> & bacteraemia	Standard alerts for high risk admissions and clusters	Standard resistance definitions