

NHS Tayside Deteriorating Patient Storyboard



Creating
Conditions

Creating the Conditions

- Importance of identifying and involving key stakeholders to optimise ownership and engagement
- Developing a clear vision, shared purpose and values
- Increasing the sense of urgency using intelligence from baseline data to set the scene of where we are and what we can strive to achieve



Developing
Aims

Aim

By September 2023, NHS Tayside (Ninewells Hospital./Perth Royal Infirmary) will achieve a 50% reduction with adult in-patient cardiopulmonary resuscitation events, demonstrated by a reduction in the baseline median from 1.74 cardiac arrests/1000 deaths and live discharges to 0.87/1000 deaths and live discharges.



Testing
Changes

Testing Changes

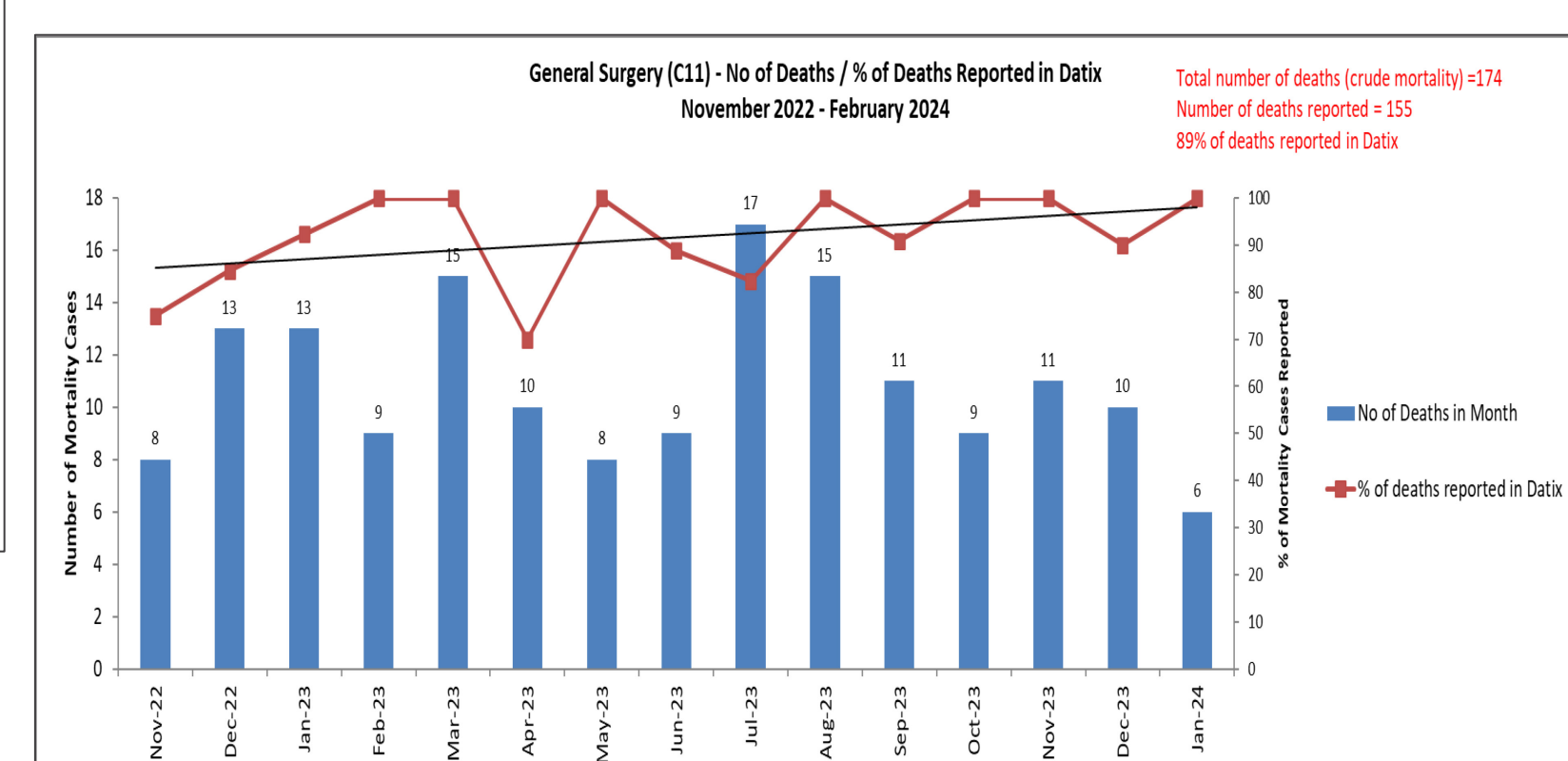
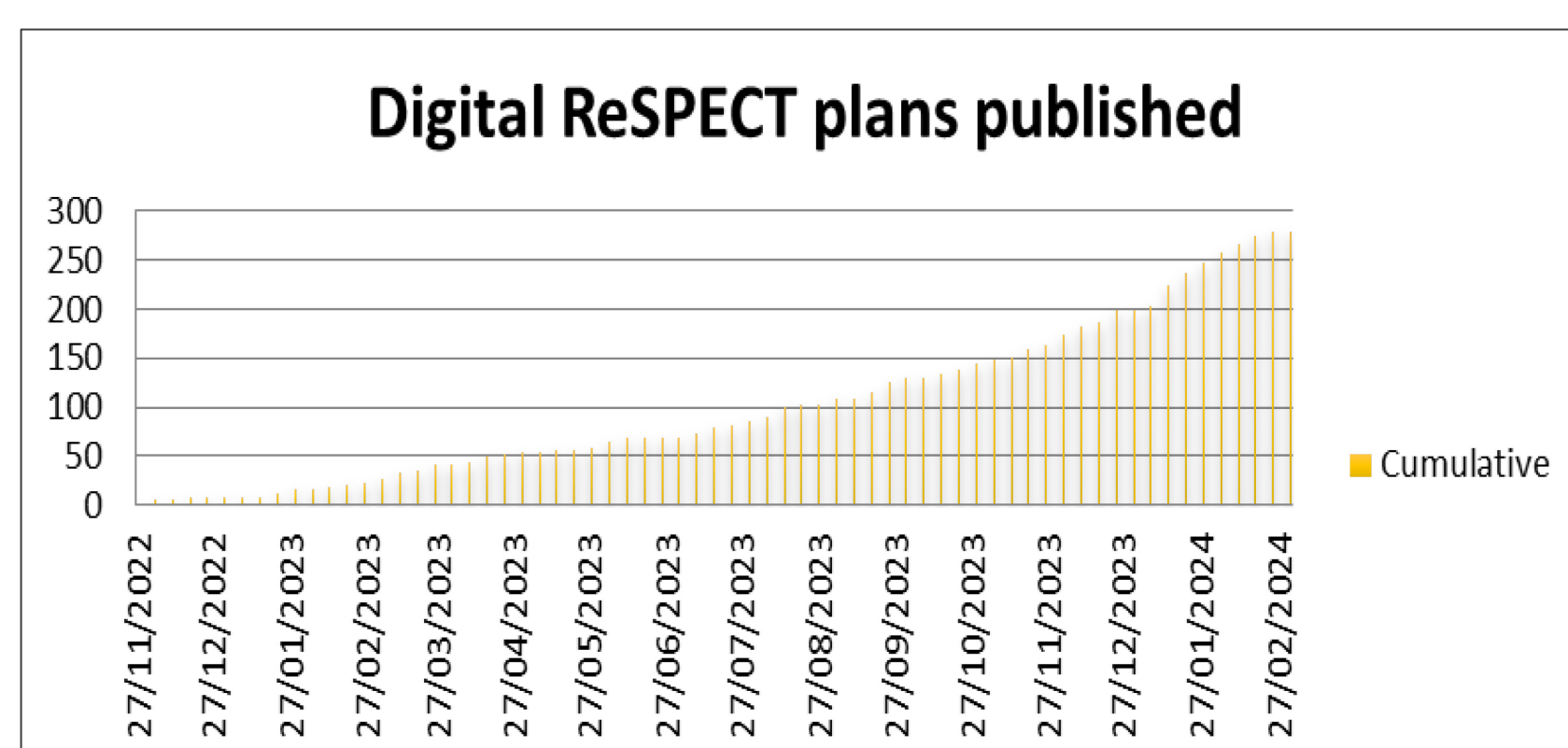
- Multidisciplinary team review of medical emergencies (ongoing)
- Future Care Planning – ReSPECT (implementation of NES digital ReSPECT application)
- Establishing processes to learn from mortality (reporting and review)
- Implementation of electronic observations (Patienttrack)



Implement

Implementation and spread

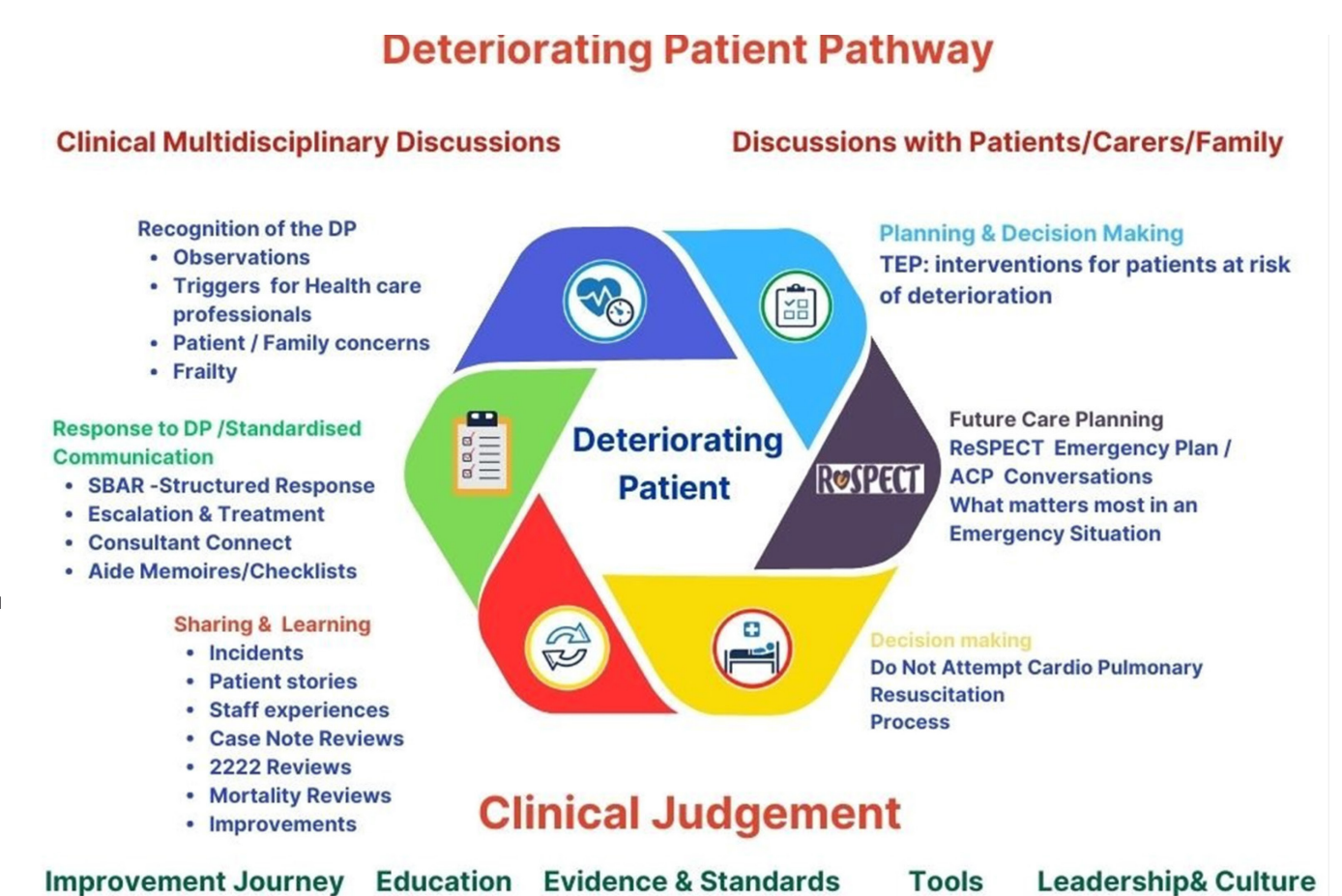
Continue to apply improvement methodology to support improvement initiatives, ensuring that there is a robust theory of change to support implementation and spread. Continuous sharing of data to build the will for ongoing improvement



Understanding
Systems

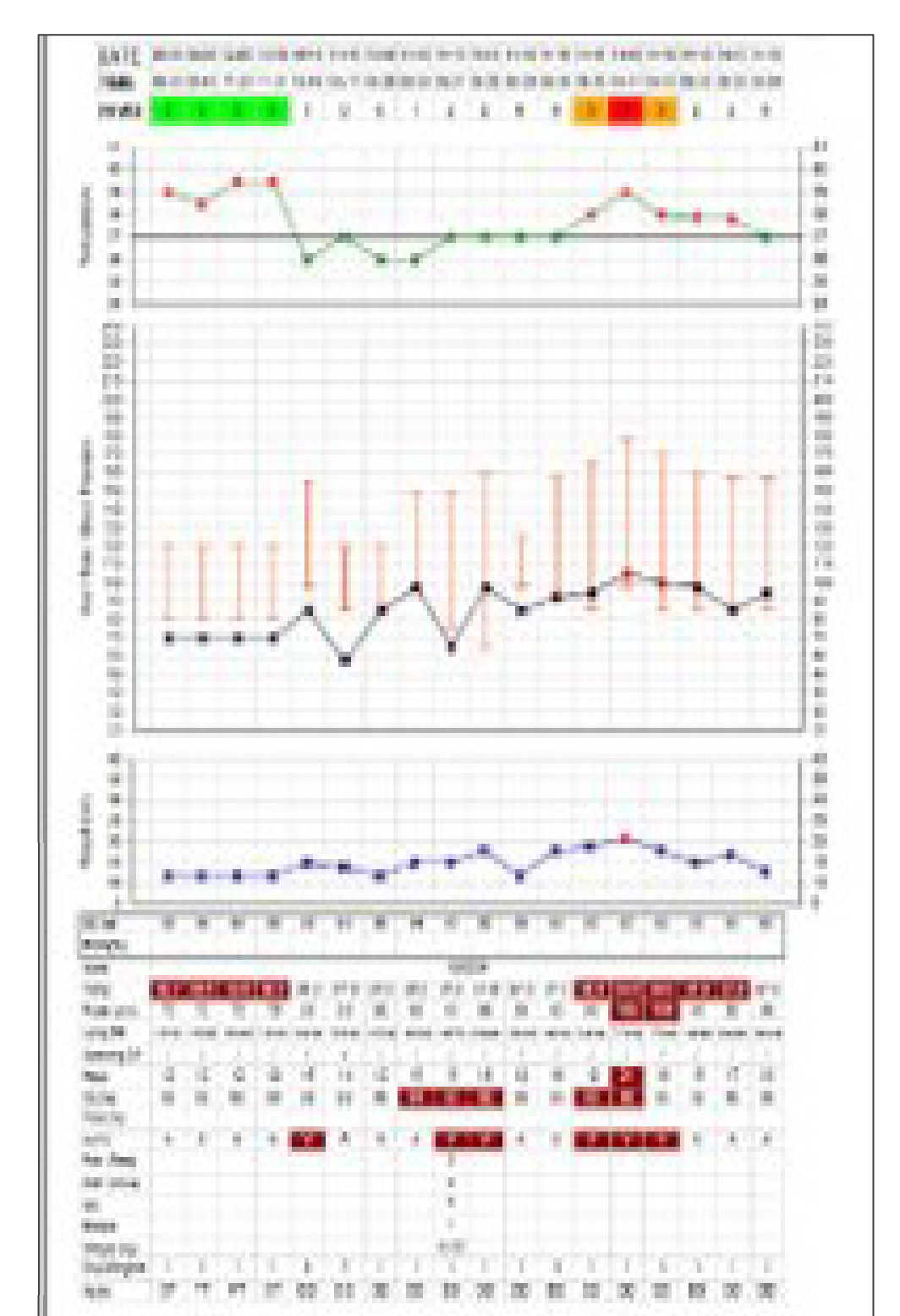
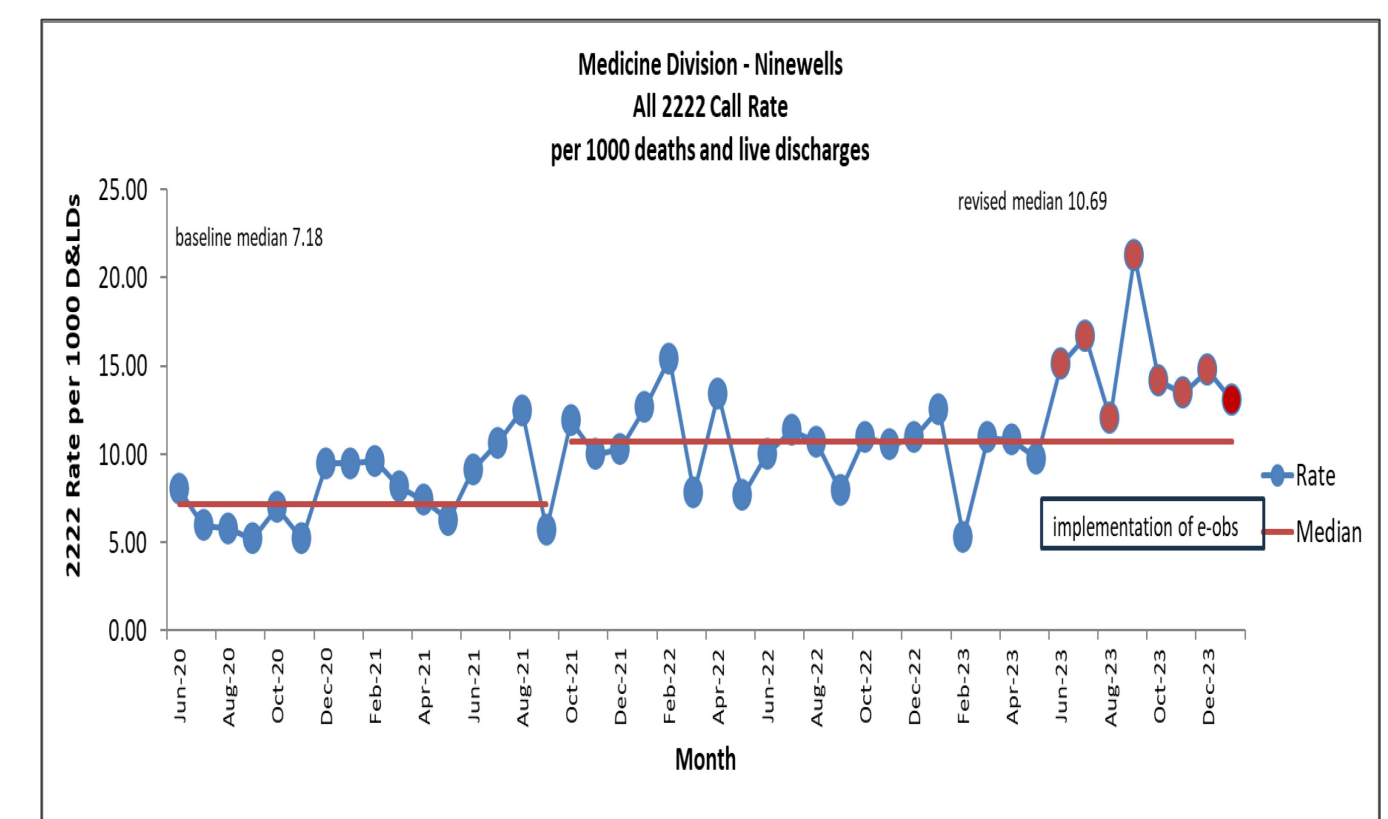
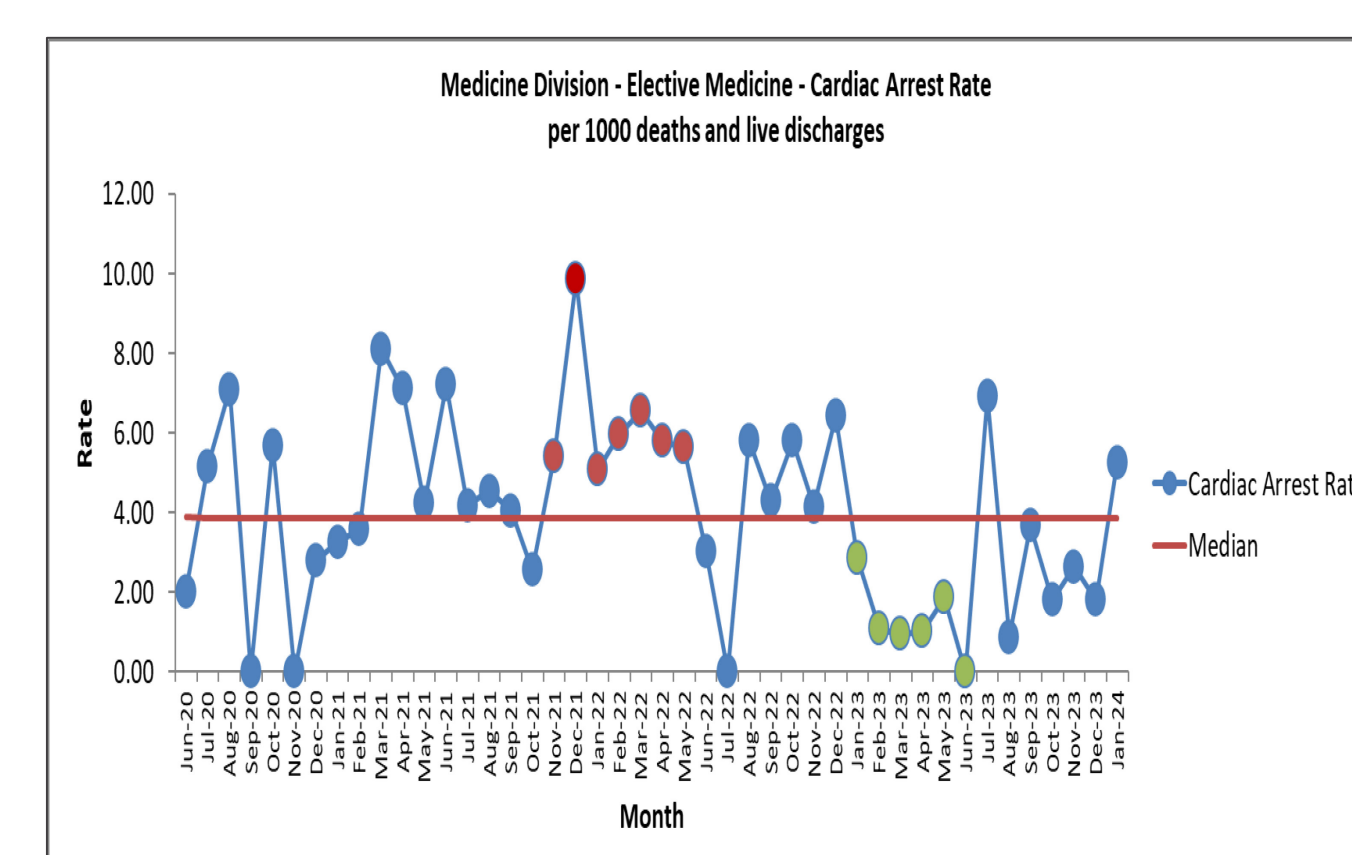
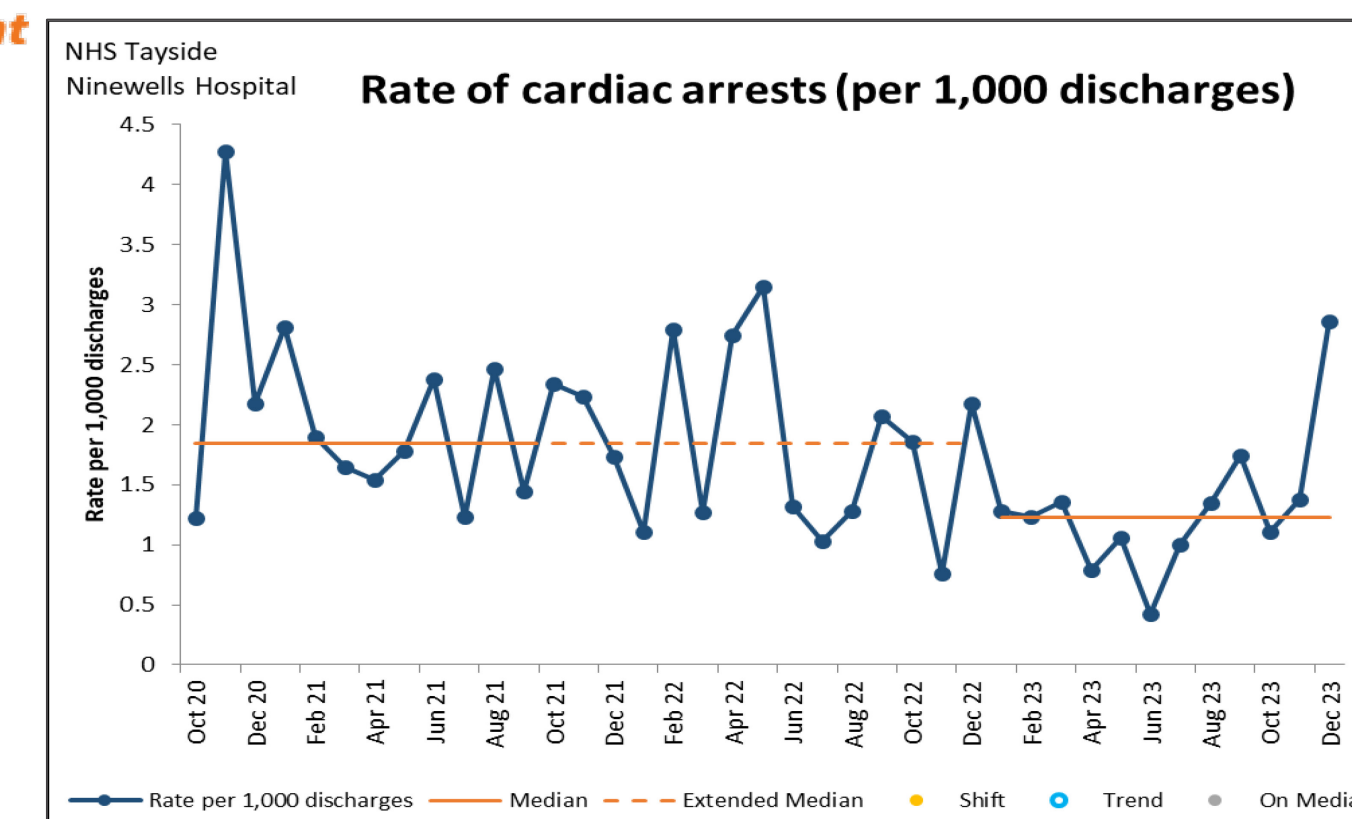
Understanding your system

Mapping the deteriorating patient pathway in line with SIGN 167 to provide specific areas of improvement focus which could impact upon deteriorating patient outcomes. Led to focussed pieces of work on ReSPECT, learning and sharing from 2222/cardiac arrest events, learning and sharing from mortality events.



Measurement

Data



Reduction in cardiac arrests alongside an increase in medical emergencies/2222 calls since introduction of electronic observations, indicating potential improvement in timelier recognition of patient deterioration



Project Management
and Communication



Leadership
and Teams

Enablers for success

- Clinical leads identified for 2222 improvements
- Close working relationships with Patienttrack and Digital
- Close working relationships with Excellence in Care Lead

Next Steps

Widening the NHS Tayside Deteriorating Pathway Network to bring all deterioration patient elements together. Continue to utilise available evidence-based guidance to focus further improvement work.