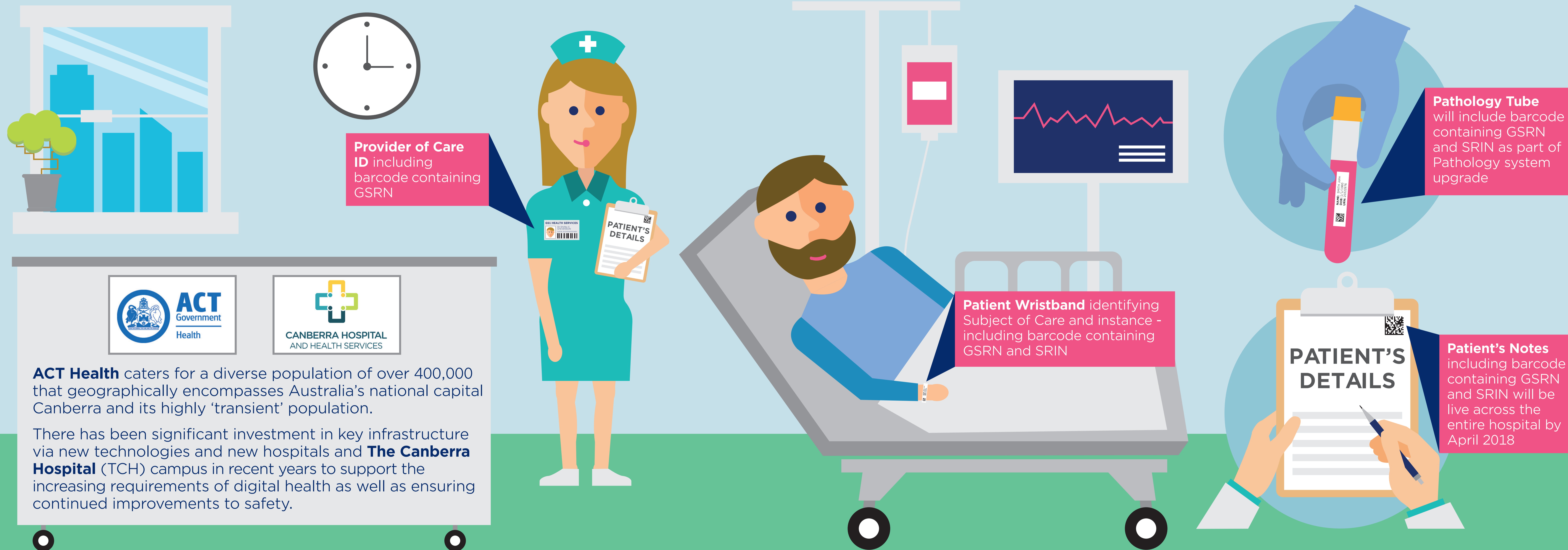


Positive Patient Identification provides improved patient safety

ACT Health utilises standards to create a safer patient environment in our hospitals



Provider of Care ID including barcode containing GSRN

Patient Wristband identifying Subject of Care and instance - including barcode containing GSRN and SRIN

Pathology Tube will include barcode containing GSRN and SRIN as part of Pathology system upgrade

Patient's Notes including barcode containing GSRN and SRIN will be live across the entire hospital by April 2018



ACT Health caters for a diverse population of over 400,000 that geographically encompasses Australia's national capital Canberra and its highly 'transient' population.

There has been significant investment in key infrastructure via new technologies and new hospitals and **The Canberra Hospital (TCH)** campus in recent years to support the increasing requirements of digital health as well as ensuring continued improvements to safety.

CHALLENGE

To reduce the risk of patients receiving the wrong treatment as a result of errors that were occurring in the process to collect pathology samples within the Canberra Hospital.

Core challenges:

- Ensure accurate identification of patients throughout the care process
- Provide a consistent means of capturing the care provider in all systems
- Enable use of technology to support positive patient identification across the care pathway
- Ensure right blood in tube/accurate patient recorded against pathology samples
- Eliminate duplication of tests due to errors

SOLUTION

To address the challenges of patient and care provider identification, ACT Health included GS1 keys as part of their 'standards framework' that was designed to enable more interoperable systems within the jurisdiction.

Positive Patient Identification (PPID) enabled through the use of standards.

ACT Health applied the standards:

- Guidance from the ISO Technical Specification 18530
- GS1 Global Service Reference Number (GSRN) for care provider and patient
- Service Relation Instance Number (SRIN) to enable instance of ID and care
- Support detailed workflows for pathology samples

BENEFITS

Patient

- Only a single sample needs to be taken, as patient identity and labelling are 100% accurate
- No delay in results and treatment
- Wrong results and potential incorrect treatment eliminated

Care provider

- Automated process to collect samples provides support and reduces risk of errors
- Solution mitigates impact of interruptions that occur in normal care setting
- Technology based solution easier than former manual process

Pathology

- Clearer patient identification, reduces errors in labelling and reduction in testing required due to incorrect labelling
- Reduced duplication of tests

ACT Health

- Significant reduction in errors related to pathology collection (100% elimination of error where technology solution used)
- Reduction in repeated processes
- Reduction in cost of pathology
- Better care to patients
- Less pressure on resources

THE FUTURE

The implementation of GSRN and SRIN for data capture of patient and care provider identification has provided a foundation of Positive Patient Identification that will support other projects within the broader hospital environment.

The key principles defined within the initial implementation will also be used in future implementation of additional projects such as:

- Administration of medications at bedside
- Supporting tracking of blood products to patient
- Expressed breast milk matching to babies and more

More information on this case study contact:
Catherine Koetz
 Industry Manager Healthcare, GS1 Australia
 E catherine.koetz@gs1au.org