CAT Plus Factsheet

Central Queensland, Wide Bay, Sunshine Coast PHN (the PHN) provides primary care support services to the region, including mental health, Aboriginal and Torres Strait Islander health, population health planning, workforce development, eHealth and aged care. The PHN has purchased licences for Pen Computer systems for the full suite of CAT Plus products for practice and population health planning.

1 CAT Plus

The CAT Plus solution provides decision support to health providers at the point of engagement, extracts general practice data for practice analysis and aggregates general practice data for service planning, reporting and population health needs.

It is a combination of technologies that directly targets three primary care layers to improve patient health outcomes; the Patient (Topbar), the Practice (CAT4) and the Population (PAT).

2 Data Extraction Tool Agreement

The PHN Data Extraction Tool Agreement is put in place to protect general practices, the PHN and PEN Computer Systems who provide the data collection tool (CAT).

All entities must comply with Privacy Act 1988 and The Australian Privacy Principles; the agreement ensures all parties are aware of 'Who, Where, When Why and How' data is collected and used. Agreements are designed to set out our obligations in an open and transparent manner without confusing legal jargon.

3 Providing Data

The CAT4 software allows the practice to strip out all data unique to a patient such as health identifiers, billing and demographic data leaving only clinical data required for practice level and wider population health planning.

Local population health data has enabled the PHN to identify, fund and support health needs in our region including COPD and asthma nurses, rural healthcare services in Kilkivan and Aboriginal and Torres Strait Islander health care in Gympie.

4 Practice Quality Benchmarking Reports

Provided to practices quarterly, these reports are designed to highlight data quality (based on accreditation targets), care opportunities and business opportunities based on the practices current data. The PHN provides support in quality improvement activities to help practices reach their data quality, care and business potential goals.

Data Sharing Process

PHNs across the nation have been commissioned to improve the delivery of primary care. To support and deliver on these priorities effectively in our region we need the relevant population health data to inform us and the service providers in our region.

The data sharing process allows for the compliant, safe and secure sharing of deidentifed population health data to the PHN for the provision of improved primary care support. The processes also see the supply of practice and population health planning tools, allowing practices to interrogate their own patient data to identify data gaps and at risk patients seeing practices mitigate risk and increase patient health outcomes.

The PHN provides practices a 'Practice Quality Benchmarking Report' highlighting risk and quality improvement opportunities against accreditation indicators and evidence based clinical guidelines.

1. Collect Patient Consent to share deidentifed data

(This is required for any clinical audits, research studies or education case studies where deidentified data is collected)

2. Practice Agreement signed and saved to secure PHN system

3. Pen CAT Plus product suites installed or updated

4. Data deidentified using CAT4

5. Data sent securly via Scheduler software or CAT4 'Send to PAtcat' feature

6. Data set imported to collation tool to generate regional averages

7. Individual Practice Quality Benchmarking Reports delivered by your PSO

Repeat Quarterly