

# Electronic Medication Management Self-Assessment Tool

This fact sheet provides health service organisations with information about the [Electronic Medication Management Self-Assessment Tool \(EMMSAT\)](#). It describes how it can be used to support quality improvement activities to optimise implementation of electronic medication management (EMM).

## Key messages

- The EMMSAT is an online tool used to evaluate EMM implementation and optimise systems through continuous quality improvement.
- The EMMSAT has been developed for local use within Australian public and private hospital settings.
- EMMSAT results for health service organisations (HSOs) are only accessible to authorised users within a HSO.

The EMMSAT is a secure and flexible online tool developed to support health service organisations (HSOs) to evaluate and optimise their EMM implementation. Data within the EMMSAT is only accessible to authorised users within a HSO and is stored within Australian borders. The EMMSAT allows assessment teams to:

- establish a baseline for scope, capacity and safety of the EMM system
- proactively identify opportunities for improvement
- develop a targeted action plan for system optimisation
- conduct periodic assessments to track and monitor progress
- collaborate through online access.

The EMMSAT does not:

- assess specialist EMM systems such as those used for chemotherapy or critical care.
- capture safety and quality risks that may occur at the interface between the EMM system and other clinical information systems within the organisation.
- include indicators of system interoperability.



## **EMMSAT domains and indicators**

The EMMSAT incorporates strategies for the safe and quality use of medicines across 13 domains. Each domain includes several indicators for assessment of the EMM system. The Domains and Indicators Summary provides a detailed description of all the current domains and indicators.

### **Assessment domains**

- Domain 1 – System Governance
- Domain 2 – Infrastructure
- Domain 3 – Security of Access
- Domain 4 – Integration of Core Systems
- Domain 5 – Medication Management
- Domain 6 – Medication Reconciliation
- Domain 7 – Prescribing
- Domain 8 – Medication Administration
- Domain 9 – Dispensing
- Domain 10 – Clinical Decision Support
- Domain 11 – Quality Improvement
- Domain 12 – Business Continuity
- Domain 13 – Paediatrics

## **EMMSAT Reports**

On completion of an assessment HSOs can generate the following reports:

- Report of Assessment – a consolidated report with visual representation of assessment outcomes from all the selected domains and indicators.
- Action Plan – supports HSOs with developing and prioritising planned actions to address identified risks, documenting the mitigation approach and ensuring accountability.
- Indicator Comparison – a comparison of the outcomes of two or more assessments that allows HSOs to monitor and track progress in quality improvement.

## **Benefits of the EMMSAT**

The benefits of undertaking an EMMSAT assessment include:

- evaluation of EMM system implementation
- reporting to governance committees
- evidence for National Safety and Quality Health Service (NSQHS) Standards accreditation
- flexible assessments to suit HSOs of various size and structure

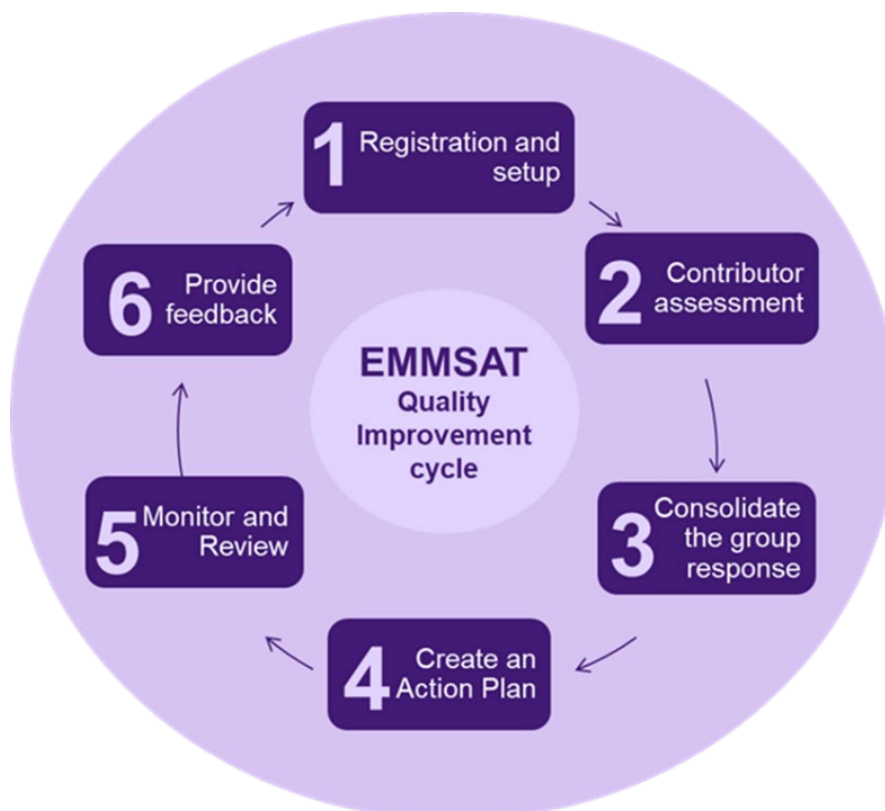
## How to use the EMMSAT for quality improvement

The EMMSAT can be used to support actions within the NSQHS Standards, such as those within the clinical governance, medication safety and communicating for safety standards.

The EMMSAT should be used as part of a structured quality improvement framework such as the [Model for Improvement](#). Optimal use of the EMMSAT extends over six (6) phases, where the sixth phase is provision of feedback on the usability of the tool itself.

Assessment of the EMM system, should be completed in collaboration with a multidisciplinary assessment team, including a nominated site administrator to coordinate the process. A comprehensive User Guide has been developed to provide practical support and instructions on integrating the EMMSAT into local quality improvement processes.

**Figure 1** EMMSAT quality improvement cycle



## Supporting resources

- [User Guide](#)
- [Summary of Domains and Indicators](#)

## For more information

Please visit: [safetyandquality.gov.au/EMM](https://safetyandquality.gov.au/EMM)

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