

Bring clinical data to life

Miya Precision is a next generation healthcare analytics platform that solves clinical problems with AI, clinical decision support (CDS) and real time alerts to reduce clinical risk and prevent poor patient outcomes.

Unlock the potential in your existing data

Based on open standards, Miya Precision leverages FHIR to transform your data into an industry standard model making it interoperable and portable with any other system. Miya Precision integrates with any source system, from PAS, to an EMR, to Radiology and Pathology, giving you an analytics platform that enables innovation. This allows you to utilise your clinical data in the most effective way to make changes and improvements across your hospital. And the best thing is it's intuitive and easy to use making user adoption simple.

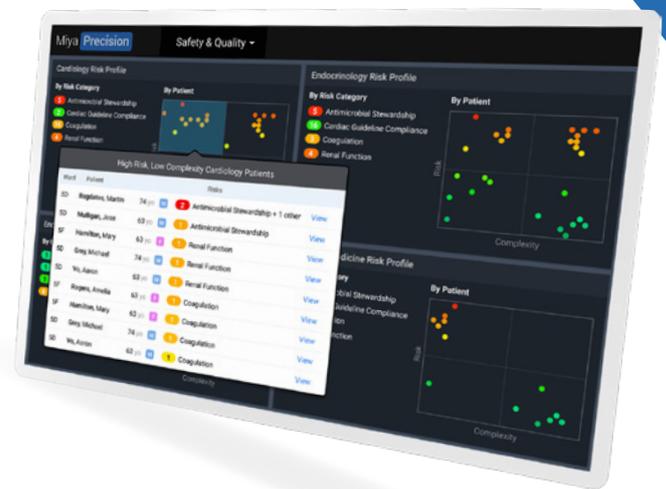
Identify emerging critical healthcare problems

Miya Precision includes thousands of pre-configured metrics allowing clinicians and hospital staff to get data on anything from hospital operations for monitoring patient flow, to speciality-specific metrics right down to complexity metrics and deterioration risk of an individual patient. Real-time analytics give you powerful, immediate insights into your organisation's efficiency, patient risks and value-based care using highly visual, customisable dashboards.

Miya Precision includes AI-based predictive analytics for hospital occupancy and individual patient resource utilisation. Other real-time analytics include:

- > ED, ward, unit occupancy, length of stays and activity
- > Waiting times, delays in service requests
- > Monitoring of many Hospital Acquired Complications (HACs)
- > Outpatient and theatre list monitoring

Additional modules include monitoring compliance to guidelines, high risk medications monitoring, and using Natural Language Processing (NLP) to detect conditions from clinical notes.



A platform for Innovation

Unleash your clinician's analytic potential by allowing them to develop, test and safely implement business rules and predictive models, to measure and monitor the things that are important to their patients.

Miya Precision is specifically designed to support data and algorithm governance. The managed AI environment tracks data quality from hospital data feeds, as well as the performance of algorithms developed by Alcidion or your own staff.

Miya Precision makes it easy to create specialty-specific patient lists to visualise patient data and the output of their algorithms to create workflows that manage patients at risk.

Real time information

Location	Patient	LOS	Doctor	EDD	Risks	Coding	Observation	Note	Imaging	Nursing / Allied Tasks	Pre-Op	Wound	Post-Op	Phonics	VTE Prophylaxis	Timing of surgery	NOK Pre-op care	Needs Review	Mobility	Discharge Medic...	Info Sheets	Post-op Appoint...	
7F B 01	Trujillo, Katherine URN 1920001	59y 2	John Shaw	Tomorrow 12 Apr 11:01	<ul style="list-style-type: none"> High Pre-op INR Anaemia 	Neck of femur fractu... Atrial Fibrillation 5+ more	BP 139/70 mmHg P 70s b/min T 36.6-37.0 °C	RR 16-20 /min SpO2 >=98 % MEWS 2		0 Films	0 Incomplete 0 overdue	Pre-Op	Wound	Post-Op	Phonics	VTE Prophylaxis	Timing of surgery	NOK Pre-op care	Needs Review	Mobility	Discharge Medic...	Info Sheets	Post-op Appoint...
7F B 02	Majors, Edward URN 1920002	49y 3	John Shaw		<ul style="list-style-type: none"> Surgical Risk Risk of internal bleeding Infection 	Neck of femur fractu... Hypertensive disease 12+ more	BP - mmHg P - b/min T - °C	RR - /min SpO2 - % MEWS 0	3 Films	2 Incomplete 2 overdue	Pre-Op	Wound	Post-Op	Phonics	VTE Prophylaxis	Timing of surgery	NOK Pre-op care	Needs Review	Mobility	Discharge Medic...	Info Sheets	Post-op Appoint...	
7F B 03	Mitchell, Cockburn URN 1920003	83y 3	Sanath Krishn...		<ul style="list-style-type: none"> Uncontrolled BGJ Bleeding Risk 1 1 	Triple vessel disease Myocardial infarction 4+ more	BP 109/78 mmHg P 60s b/min T 37.1-37.5 °C	RR 16-20 /min SpO2 >=98 % MEWS 0	0 Films	0 Incomplete 0 overdue	Pre-Op	Wound	Post-Op	Phonics	VTE Prophylaxis	Timing of surgery	NOK Pre-op care	Needs Review	Mobility	Discharge Medic...	Info Sheets	Post-op Appoint...	
7F B 04	Michael, Caitlin URN 1920004	29y 2	Susan Costello		No risks detected	Sepsis	BP 139/75 mmHg P 80s b/min T 36.1-36.5 °C	RR 16-20 /min SpO2 94-97 % MEWS 0	0 Films	0 Incomplete 0 overdue	Pre-Op	Wound	Post-Op	Phonics	VTE Prophylaxis	Timing of surgery	NOK Pre-op care	Needs Review	Mobility	Discharge Medic...	Info Sheets	Post-op Appoint...	
7F B 05	Hindmarsh, Graeme URN 1920005	46y 2	John Shaw		<ul style="list-style-type: none"> Surgical Risk Risk of internal bleeding Infection 	Sepsis Fluid overload 27+ more	BP 141/85 mmHg P 70s b/min T 36.1-36.5 °C	RR 16-20 /min SpO2 94-97 % MEWS 0	0 Films	0 Incomplete 0 overdue	Pre-Op	Wound	Post-Op	Phonics	VTE Prophylaxis	Timing of surgery	NOK Pre-op care	Needs Review	Mobility	Discharge Medic...	Info Sheets	Post-op Appoint...	

Above Screen is an example of a patient list

A healthcare analytics platform that enables you to use your data to solve clinical problems in real-time.

Real-time information at your fingertips

Miya Precision delivers a holistic real-time view of an individual patient giving clinicians all the information they need to decide on the best treatment and action for that individual. Being able to drill down to the specifics of an individual aids in precision medicine as all data feeds are turned into clear and concise metrics that can be visualised on any device, so clinicians and care teams can detect and manage risk to avoid poor patient outcomes.

Miya Precision features include:

- > 1000's of Pre-configured metrics across hospital operations, patient information, clinical risk, and speciality specific metrics that can easily be embedded in clinical workflows
- > Clinician and care team alerts
- > Data and algorithm governance
- > Plug and play your own statistical models



Above Screen is an example of ED Metrics