



# ABBOTT POINT OF CARE

Proud Sponsor of the Queensland Mining Industry Health and Safety Conference

**CHOOSE TRANSFORMATION**

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# Healthcare For The Mining Industry Presents Unique Challenges



ACCESS TO AREAS  
AND PATIENTS

BLOOD SPECIMEN  
TRANSPORTATION

SAMPLE  
INTEGRITY  
DURING  
TRANSPORT

COST OF SERVICE  
PROVISION

TIME TO RESULTS  
AND TREATMENT



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# QUEENSLAND MINING INDUSTRY

## HEALTH & SAFETY CONFERENCE

# 2015



## Introduction-Abbott i-STAT

- Originated rural and remote QLD
- 15yrs from Torres strait to Gold Coast in QLD alone
- heavily represented across all states and territories in ANZ/PNG
- aims to deliver lab quality results in minutes









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## i-STAT-Who we work with?

- All public health services in each state Eg.QLD health, NSW health
- Royal Flying Doctors
- Air retrieval services, Care flight
- National Ambulances
- ED departments, ICU etc.
- Rural and Metro Hospitals
- Mining industry







# Introducing The i-STAT System

- The *i-STAT System* is a **handheld, portable blood analyser** that provides the end user access to real-time, lab quality results in minutes.
- The system features advanced single-use disposable cartridges that can be used to run the most commonly performed tests using **just two or three drops of blood**.
- Single-use *i-STAT* test cartridges cover a **large menu of testing options** in one platform.







# Use A System That Is Easy To Trust And Operate

- Weighs barely 500 grams.
- Ergonomically designed soft keys.
- Simple operation with step by step instructions during testing.
- Operator lockout prevents unauthorised users from performing or viewing test results.





# All It Takes Is Three Steps...



Step 1: Insert two or three drops of blood into the cartridge.



Step 2: Insert the cartridge into the handheld.



Step 3: View the results on the handheld screen.



# A Comprehensive Menu Of Tests Available

i-STAT TEST CARTRIDGE MENU																			
	EC8+	CG8+	EG7+	CHEM8+	EG6+	CG4+	6+	G3+	EC4+	E3+	G	Crea	ACTk	ACTc	PT/INR	β-hCG	cTnl	CK-MB	BNP
Sodium (Na)	●	●	●	●	●		●		●	●									
Potassium (K)	●	●	●	●	●		●		●	●									
Chloride (Cl)	●			●			●												
TCO <sub>2</sub>				●															
Anion Gap*	●			●															
Ionized Calcium (iCa)		●	●	●															
Glucose (Glu)	●	●		●			●		●		●								
Urea Nitrogren (BUN)/Urea	●			●			●												
Creatinine (Crea)				●								●							
Lactate						●													
Hematocrit (Hct)	●	●	●	●	●		●		●	●									
Hemoglobin* (Hgb)	●	●	●	●	●		●		●	●									
pH	●	●	●		●	●		●											
P <sub>CO</sub> <sub>2</sub>	●	●	●		●	●		●											
P <sub>O</sub> <sub>2</sub>		●	●		●	●		●											
TCO <sub>2</sub> *	●	●	●		●	●		●											
HCO <sub>3</sub> *	●	●	●		●	●		●											
Base Excess (BE)*	●	●	●		●	●		●											
sO <sub>2</sub> *		●	●		●	●		●											
ACT Kaolin													●						
ACT Celite®														●					
PT/INR															●				
β-hCG																●			
cTnl																	●		
CK-MB																		●	
BNP																			●

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# i-STAT: Central To Healthcare In The Mining Industry

**SIMPLE TO OPERATE**

**OBTAIN RESULTS WITHIN MINUTES**

**EXPEDITE DECISION MAKING**

**IMPROVES EFFICIENCY AND PRODUCTIVITY**

**REDUCES COST OF SERVICE PROVISION**



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