![Abbott logo]

IMPROVE ACCESS TO CARE & ACCELERATE CLINICAL DECISION-MAKING

PORTABLE, ACCURATE DIAGNOSTIC TESTING WITH THE i-STAT 1 SYSTEM

i-STAT®

TRANSFORM DATA INTO DECISIONS WITH THE i-STAT SYSTEM & INFO HQ

i-STAT's wired and wireless connectivity options work with *Info HQ*, an advanced web-based data manager designed to provide simplicity, connectivity and control. Efficiently manage transfer of patient, operator and software data to the instruments, and test results to EMR or data manager for streamlined data-management.

i-STAT INSTRUMENTS SEND AND RECEIVE DATA VIA YOUR NETWORK*

i-STAT 1 WIRELESS   i-STAT 1

SETTINGS, OPERATORS, ADT → i-STAT DE ← DEVICES, LOCATIONS, OPERATORS, ADT ← INFO HQ

i-STAT DE → TEST RESULTS → TEST RESULTS

REPORTING, EDITING, CONFIGURING → USER INTERFACE ACCESS

ADT → PATIENT CENSUS

TEST RESULTS → EMR/LIS/HIS/PDMS

TEST RESULTS

ELECTRONIC MEDICAL RECORD
LAB INFORMATION SYSTEM
HOSPITAL INFORMATION SYSTEM
PATIENT DATA MANAGEMENT SYSTEM

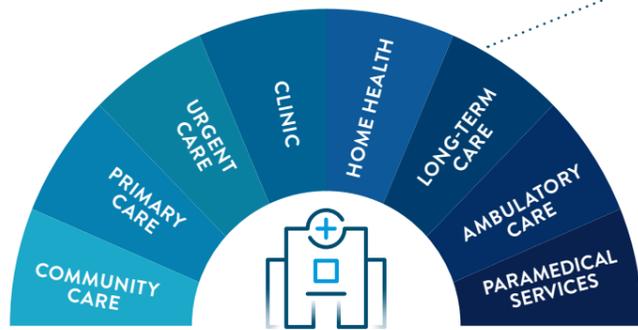DATA SENT TO INSTRUMENTS   DATA RECEIVED FROM INSTRUMENTS

NEW MODELS OF CARE ARE EMERGING TO HELP PROVIDERS MEET THE CHALLENGE OF ACCESS TO CARE

Healthcare organisations continue to be challenged to provide quality healthcare in the face of increased demand for care, escalating costs and funding constraints. To meet these demands while providing quality care, many healthcare organisations have decentralised care delivery to peripheral settings to drive more appropriate use of resources and to serve the broadest possible patient population.

TO KEEP UP WITH GROWING DEMAND,

CARE IS EXPANDING TO SETTINGS

OUTSIDE OF THE HOSPITAL

Portable, point-of-care testing delivers fast, accurate diagnostic information wherever the care is delivered. The *i-STAT System* is a reliable point-of-care testing solution to complement these new care models.
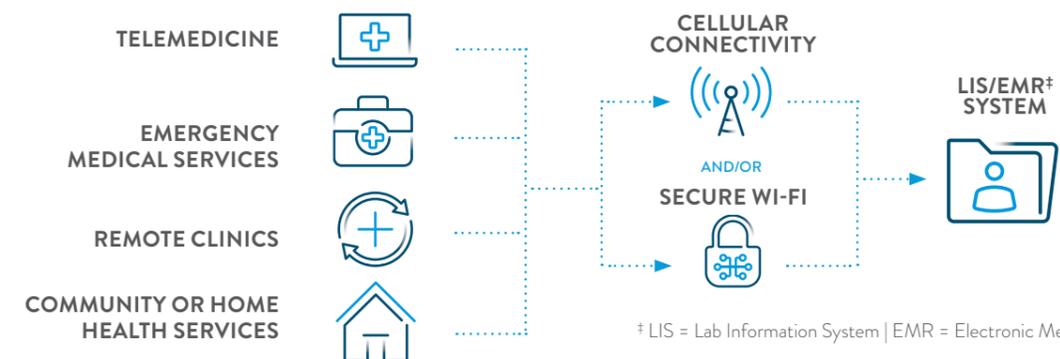

PRIMARY CARE | URGENT CARE | CLINIC | HOME HEALTH | LONG-TERM CARE | AMBULATORY CARE | PARAMEDICAL SERVICES | COMMUNITY CARE

RADIOLOGY | ICU | ED | CVOR | DIALYSIS | ONCOLOGY

HOSPITAL

SIMPLIFY i-STAT DATA MANAGEMENT

Say NO to inefficient, paper-based processes - and YES to computerised control. Info HQ offers powerful management of your entire i-STAT testing program with integration options to fit your needs.

The *i-STAT System* supports connectivity options where patient care is needed.† Use the *i-STAT System* close to the patient and send the results in real-time to the Hospital Information System to meet the requirements of the pre-hospital sector, such as telemedicine, SAMU / SMUR, or other mobile medical units.

TELEMEDICINE

EMERGENCY MEDICAL SERVICES

REMOTE CLINICS

COMMUNITY OR HOME HEALTH SERVICES

CELLULAR CONNECTIVITY

AND/OR

SECURE WI-FI

LIS/EMR‡ SYSTEM

‡ LIS = Lab Information System | EMR = Electronic Medical Record

*Configuration options will vary; consult your i-STAT representative. The *i-STAT* analyzer is meant for use only by trained healthcare professionals and must remain on a level, vibration-free surface during testing.

†Customer is responsible for cellular equipment and data charges. Abbott provides options that incorporate the cellular equipment and data charges with the data management solution.

EXTENSIVE CARTRIDGE MENU FOR MANY DIFFERENT CLINICAL SETTINGS

ANALYTE	RANGE	G3+ (≈2 MIN.)	CG4+ (≈2 MIN.)	CG8+ (≈2 MIN.)	EG6+ (≈2 MIN.)	EG7+ (≈2 MIN.)	CHEM8+ (≈2 MIN.)	Crea (≈2 MIN.)	G (≈2 MIN.)	Kaolin ACT* (≤16.7 MIN.)	Celite ACT** (≤16.7 MIN.)	PTplus (≤5 MIN.)	Total ß-hCG (≈10 MIN.)	hs-TnI (≈15 MIN.)	CK-MB (≈10 MIN.)	BNP (≈10 MIN.)
CHEMISTRIES & ELECTROLYTES																
Na	100-180 mmol/L (mEq/L)			■	■	■	■									
K	2.0-9.0 mmol/L (mEq/L)			■	■	■	■									
Cl	65-140 mmol/L (mEq/L)						■									
TCO₂	5-50 mmol/L (mEq/L)						■									
Anion Gap^A	(-10)-(+99) mmol/L (mEq/L)						■									
iCa	0.25-2.50 mmol/L 1.0-10.0 mg/dL			■			■									
Glu	1.1-38.9 mmol/L 20-700 mg/dL			■			■		■							
BUN	3-140 mg/dL (BUN) 1-50 mmol/L						■									
Crea	0.2-20.0 mg/dL 18-1768 µmol/L						■	■								
Lactate	0.30-20.00 mmol/L 2.7-180.2 mg/dL		■													
HAEMATOLOGY																
HCT	15-75 % PCV 0.15-0.75 Fraction			■	■	■	■									
Hgb^A	5.1-25.5 g/dL 51-255 g/L			■	■	■	■									
BLOOD GASES																
pH	6.50-8.20	■	■	■	■	■										
PCO₂	5-130 mmHg 0.67-17.33 kPa	■	■	■	■	■										
PO₂	5-800 mmHg 0.7-106.6 kPa	■	■	■	■	■										
TCO₂^B	5-50 mmol/L (mEq/L)	■	■	■	■	■										
HCO₃^A	1.0-85.0 mmol/L (mEq/L)	■	■	■	■	■										
Base Excess^A	(-30)-(+30) mmol/L (mEq/L)	■	■	■	■	■										
sO₂^A	0-100%	■	■	■	■	■										
COAGULATION																
ACT	50-1000 seconds*									■	■					
PT	8.1–80.8 seconds											■				
INR	0.8-8.0 INR											■				
ENDOCRINOLOGY																
ß-hCG	5.0-2000.0 IU/L												■			
CARDIAC MARKERS																
hs-TnI	2.9-1000.0 ng/L													■		
CK-MB	0.0 to 150.0 ng/mL														■	
BNP	5-5000 pg/mL (ng/L)															■

i-STAT TEST CARTRIDGES

FULL-SCALE CLINICAL ANALYSIS IN A COMPACT, SINGLE-USE CARTRIDGE

SENSORS · CONTACT PADS · CLOSURE · SAMPLE CHAMBER · SAMPLE WELL
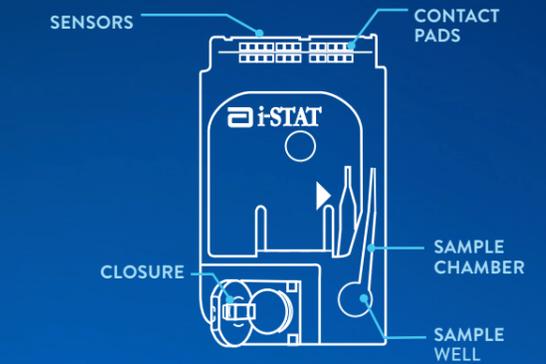
ASSURING QUALITY IN DESIGN & MANUFACTURING FOR PATIENT TESTING YOU CAN TRUST

The *i-STAT System* provides cartridges configured with tests to meet common clinical needs. Contact your Abbott *i-STAT* representative for product availability.

A Calculated. ^B Note that on *CHEM8+* cartridge, TCO₂ is *measured*.

*The range from 77 - 1000 seconds (PREWRM mode) has been verified through method comparison studies.

**The range from 80 - 1000 seconds has been verified through method comparison studies.

CARTRIDGES	SAMPLE TYPE	ANTICOAGULANT TUBE TYPE
Crea, G3+, CG4+, CG8+, EG6+, EG7+, G, CHEM8+,	A, V, C^†	HEPARINISED / WITHOUT ANTICOAGULENT‡
BNP	V, P	EDTA
Kaolin ACT, Celite ACT	A, V	WITHOUT ANTICOAGULENT ONLY‡
PTplus	V, FP	WITHOUT ANTICOAGULENT ONLY‡
CK-MB, ß-hCG, hs-TnI	V, P	HEPARINISED / WITHOUT ANTICOAGULENT‡

A = ARTERIAL WHOLE BLOOD V = VENOUS WHOLE BLOOD C = CAPILLARY FP = FRESH, WHOLE BLOOD FROM FINGER PUNCTURE P = PLASMA

†Capillary sample type not applicable on the CHEM8+ cartridge.

‡Test immediately after patient draw; consult cartridge Instructions for Use (IFU) documents for more details about approved sample types and other cartridge and use information.

TESTING WITH THE i-STAT SYSTEM IS EASY

PORTABLE Easy to handle and easily transport to where where testing is needed

LIGHTWEIGHT <600g with battery

INTUITIVE Simple navigation

DURABLE Built with materials that resist damage

PROGRAMMABLE Easy selection of available tests on a given cartridge and customisable range settings based on sample type, age and gender

BROAD TEST MENU Single-use test cartridges featuring commonly ordered tests meet a broad range of clinical needs in various care settings

LAB-ACCURATE RESULTS IN MINUTES Reduce wait times for lab results with confidence

PERFORM PATIENT-SIDE TESTING IN A FEW SIMPLE STEPS

FILL
Fill cartridge with 2 or 3 drops of fresh whole blood

RUN*
Close cartridge and insert into the *i-STAT* analyser

VIEW
View results in minutes—then print or transmit[†]

[†]Test results are automatically uploaded to EMR or LIS when the *i-STAT 1* analyzer is placed in the downloader or transmitted wirelessly with the *i-STAT 1 Wireless* model.

*The *i-STAT* analyser must remain on a level, vibration-free surface during testing and is meant for use only by trained healthcare professionals.

EXPERIENCE THE BENEFITS OF i-STAT STANDARDISATION

STANDARDISATION WITH i-STAT PROVIDES CONSISTENCY OF TEST MENU, USER OPERATION, & DATA MANAGEMENT ACROSS A VARIETY OF SETTINGS

CONSISTENT, LAB-ACCURATE RESULTS
Reproducibility and reliability drive consistent, high-quality patient care.

SINGLE, EASY-TO-USE SYSTEM
Portable, simple, intuitive; fewer platforms to oversee.

BROAD TEST MENU ON A SINGLE POC PLATFORM
Leverage test menu to gain maximum value from with-patient testing.

SIMPLE TRAINING & OPERATOR COMPETENCY
Accreditation requirements reduced with minimal documentation.

STANDARDISED WIRELESS CAPABILITY & CONNECTIVITY
Depend on reliable transfer for results to EMR with one interfaced platform.[‡]

SIMPLIFIED ORDERING & INVENTORY MANAGEMENT
Increase efficiency with one device and streamlined number of part numbers.

CONSISTENT, RELIABLE SERVICE & SUPPORT
Reduce downtime and costs.

REDUCED COSTS
Device consolidation reducing number of interfaced platforms and service contracts.

[‡]Configuration options will vary; consult your i-STAT representative.
The *i-STAT* analyser must remain on a level, vibration-free surface during testing and is meant for use only by trained healthcare professionals.
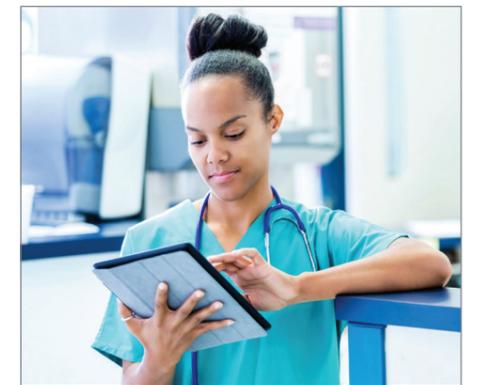
CUSTOMER SUPPORT

ONLINE SUPPORT RESOURCES

Abbott hosts a variety of resources to support the use of the *i-STAT System* at your facility, including online user support resources and the assurance of expert assistance whenever needed. Visit the *i-STAT System* support area at www.globalpointofcare.abbott to explore resources including product information and software, learning and training resources, and support contacts for when you need assistance.

ADDITIONAL SERVICE PROGRAMS

Take advantage of additional, robust service programs that are available for *i-STAT System* customers. Contact your i-STAT representative for program descriptions.

THE i-STAT SYSTEM OFFERS RELIABLE POINT-OF-CARE TESTING

- **LAB-ACCURATE RESULTS** Make treatment decisions with confidence

- **BROAD MENU** Test in a wide variety of clinical settings

- **TEST RESULTS IN MINUTES** Reduce wait times for lab results

- **PORTABLE & EASY TO USE** Enjoy simple, intuitive operation

i-STAT

TO LEARN HOW i-STAT AND ABBOTT CAN HELP IMPROVE CARE AT YOUR FACILITY, VISIT **WWW.GLOBALPOINTOFCARE.ABBOTT** OR CONTACT YOUR i-STAT REPRESENTATIVE.

Abbott