

# Be where patients need you most

Make patient-side testing the nexus of care hospital-wide with the epoc Blood Analysis System

[siemens-healthineers.com/epocnxs](http://siemens-healthineers.com/epocnxs)



# Advance care delivery by bringing critical testing patient-side with the epoc<sup>®</sup> Blood Analysis System

What could happen when critical testing results are delivered at the patient's side in less than 1 minute?



Patient diagnosis and treatment may happen faster.



The streamlined testing workflow could help reduce costs.



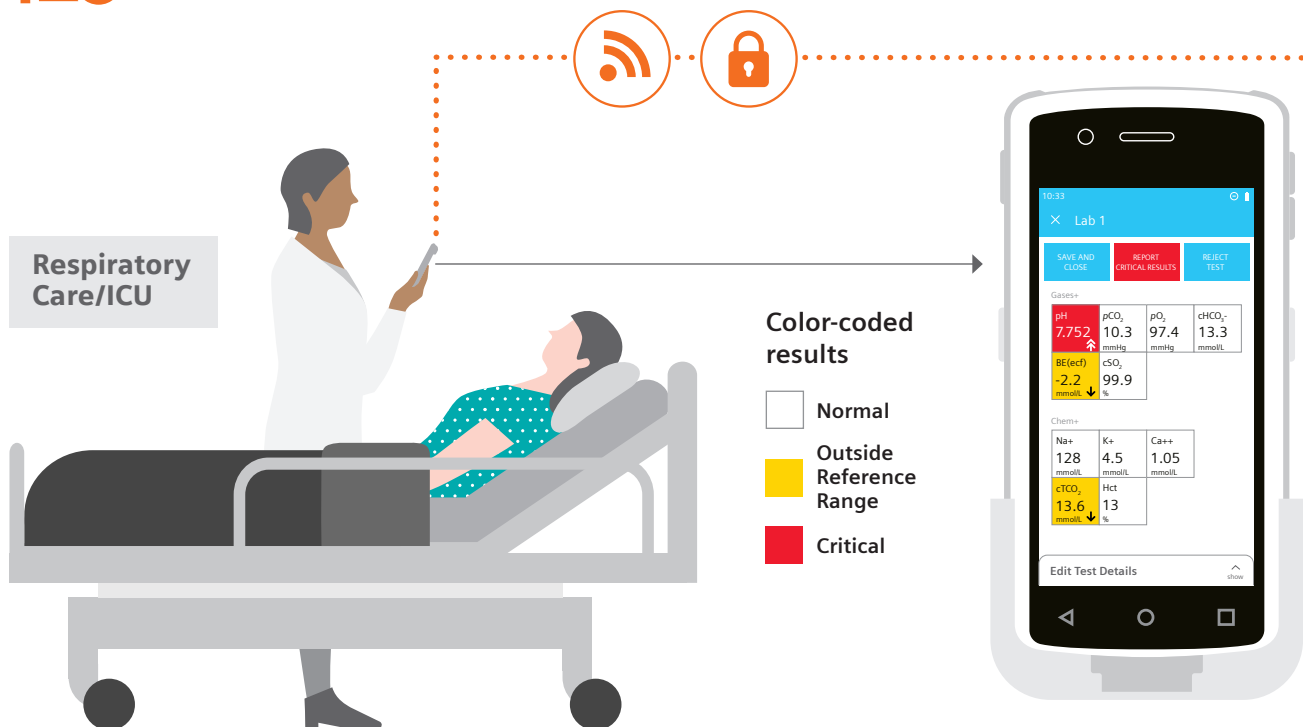
Patient safety may be enhanced with a **simplified testing process and integrated positive patient ID.**



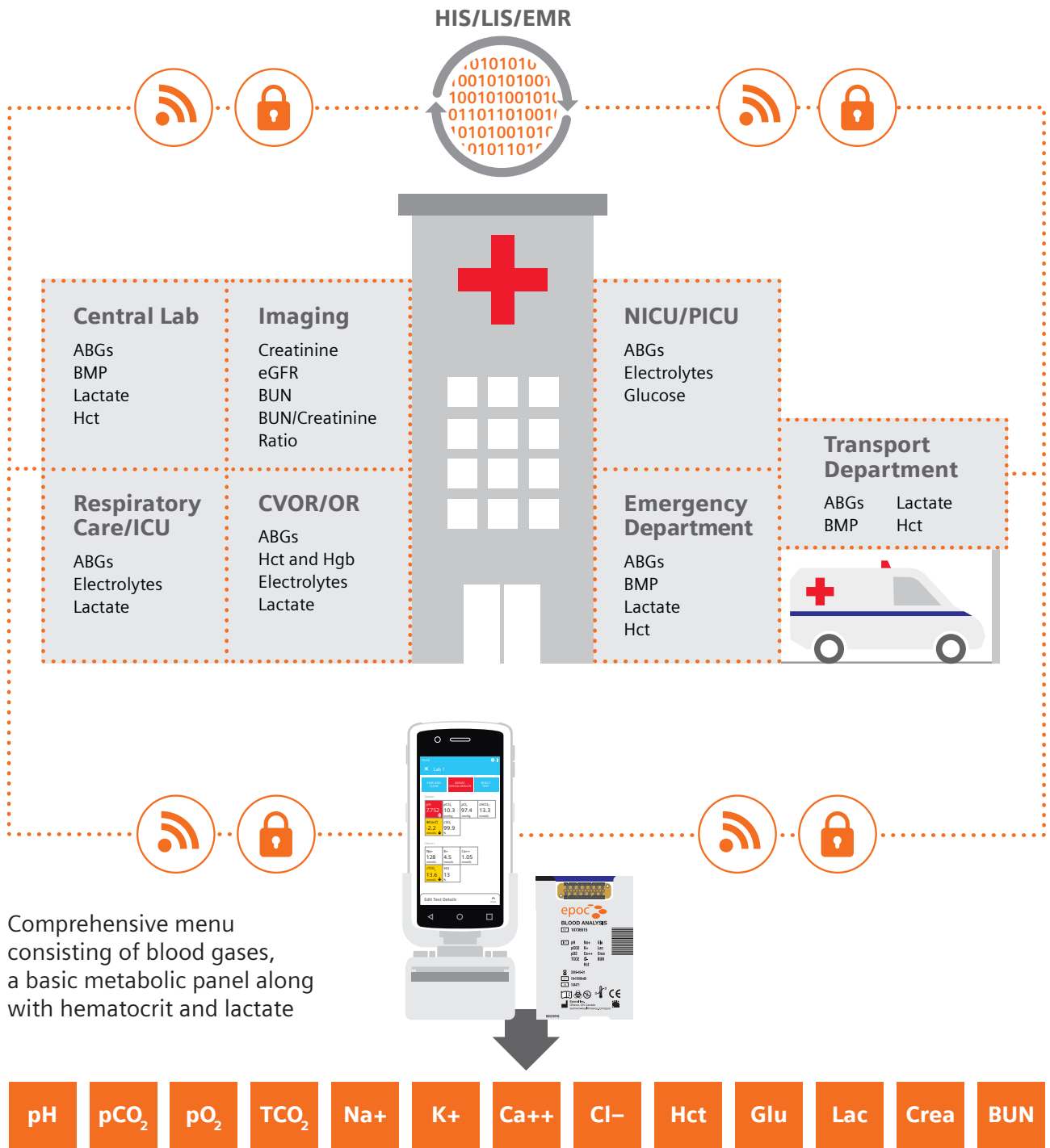
**Outcomes could improve,** and a complete, consistent clinical picture would be accessible across the care continuum.



The hospital may make **better use of resources.**



The epoc system connects the patient, actionable test results, the care team, and the therapy they deliver.



With the epoc Blood Analysis System as the nexus of care, caregivers and the laboratory can stay connected to what's important—being where patients need them most.

# The epoc system lets you be where patients need you most

Integrated Patient Safety

The epoc system connects the entire team, so it doesn't matter if the laboratory staff and caregivers work in different parts of the hospital. With the epoc system, they stand together to advance care delivery.

## Caregivers spend more time with the patient to drive faster diagnosis and treatment decisions.

How can enhanced safety and a simplified testing process provide confidence and peace of mind?

With easy access to test cards available at the patient's side spend less time on more complex workflows to get actionable results

Results can be available in less than a minute and accurately reflect a patient's immediate condition.

Enhance patient safety with a secure, wireless connection to confirm real-time patient identification to mitigate data entry and transcription errors

*"The purpose of the 2017 National Patient Safety Goals is to improve patient safety. Two goals highlighted to address problems were to identify patients correctly and improve staff communication."*

The Joint Commission Accreditation Hospital

*"The immediate introduction at the bedside of a patient's blood sample into an epoc test card minimizes preanalytical sample degradation."*

Clarke Woods, BS, and Dave Culton, BA.  
Pinnacle Health

Traditional testing models require multiple steps including transport to a stationary analyzer which takes up precious time that may delay availability of results.

*"We are talking 30 mins on a test and that is a STAT because that is just the process. That's just how long it takes there's nothing you can do about that."*<sup>1</sup>

Kristie Campbell, Huntsville Hospital

## Actionable results in less than 1 minute at the patient's side.

Results reflect the patient's immediate condition, not their condition 30 minutes ago.



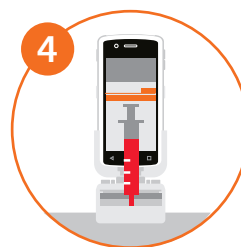
Scan ID Badge and Insert Test Card



Confirm Positive Patient ID



Collect Sample



Perform Test



Review and Transmit Results and Deliver Therapy

Empowered  
by Design

## The laboratory spends less time on complex inventory management, optimizing time and resource utilization.

What does a single room temperature stable test card with barcoded expiration deliver?

Automated quality assurance eliminating the risk of running expired reagents further mitigating risk of diagnosis and treatment based on erroneous results

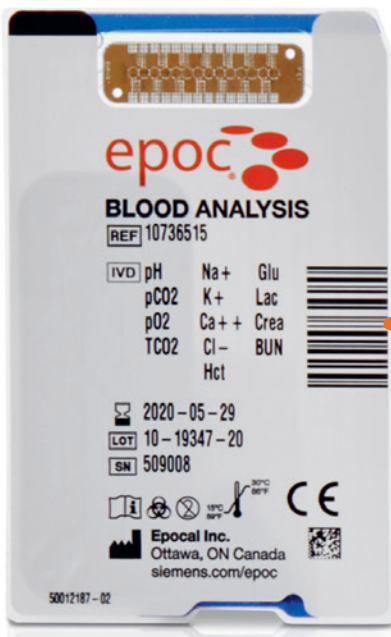
Streamlined inventory management by doing away with the manual tracking of reagents once removed from refrigeration

*"Each reagent for the epoc has direct bar coding, ensuring easy traceability."*

Shweta Agarwal, MD, Baylor College of Medicine and Texas Children's Hospital

*"The epoc system uses a single test card with all the different analytes whereas a competitor system uses multiple test cartridges for the same results. Lastly, the smart card technology of epoc reduces cost and maximizes efficiency in the hospital setting."*

Shweta Agarwal, MD, Baylor College of Medicine and Texas Children's Hospital



## Freedom to focus on where you bring the most value to patient care.

Barcoded test cards automate quality assurance and a single room temperature stable test card streamlines inventory management.



Barcoded to eliminate the risk of running an expired test card.

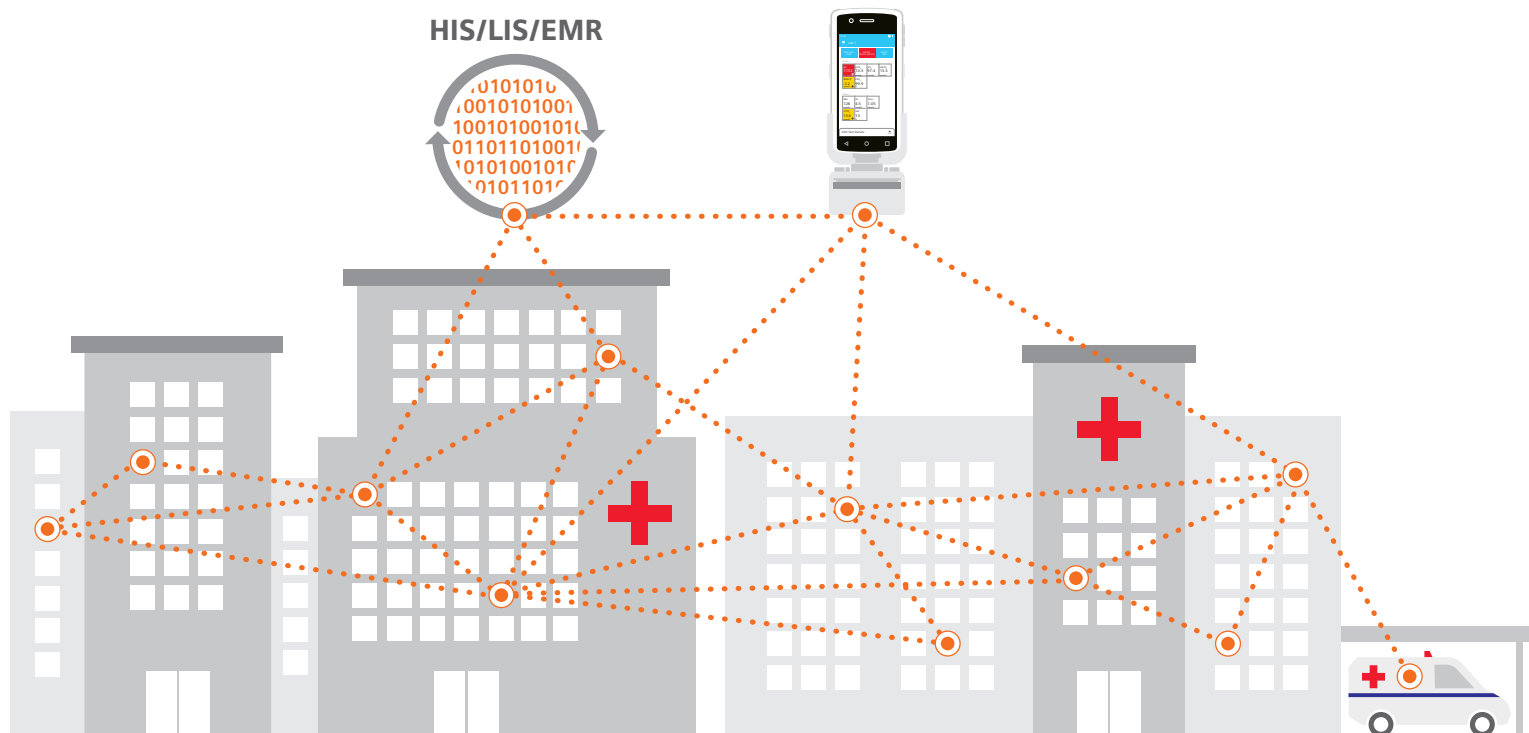
# Leverage centralized control of decentralized testing with secure, wireless communication and our POC Ecosystem™ Solutions

Connected  
Comprehensive  
Care

Build an open, vendor-neutral testing environment powered by Siemens Healthineers POC Informatics to reduce the complexity and improve the efficiency of your operations. Easily connect multiple epoc, RAPIDPoint®, and RAPIDLab® solutions to your existing infrastructure.

Manage, configure, control, and troubleshoot testing on epoc, RAPIDPoint, and RAPIDLab blood gas systems with our POC Ecosystem Solution. Use POCcelerator™ Data Management System to monitor information from every connected analyzer, including epoc Blood Analysis Systems and compatible test devices from more than 40 manufacturers.

Whatever your device mix and wherever critical testing takes place, Siemens Healthineers POC Informatics helps advance workforce productivity, improve clinical workflows, satisfy compliance and accreditation requirements, and optimize the management of resources.



# Improve access to care by customizing without compromise

The Siemens Healthineers critical care portfolio delivers solutions that transform care delivery by offering the right test in the right place at the right time. From handheld to robust central laboratory solutions, our portfolio enables increased efficiency and shorter time to diagnosis. Open, connected solutions let clinicians access shared data when and where it is needed for fast clinical decision making and more efficient management of resources. Decrease the time to diagnosis and intervention with a comprehensive menu of tests that fit your workflow. Order fewer retests and have more confidence in results with a customized configuration of analyzers whose results correlate, no matter where testing takes place.



**60 seconds to result from the entire portfolio**

## epoc Blood Analysis System with the NXS Host

Make patient-side testing the nexus of care hospital-wide.

Handheld system that provides comprehensive critical care results at the patient's side in less than 1 minute and is integrated for patient safety. The system delivers a streamlined patient testing process that advances care delivery and accelerates clinical decisions while empowering the laboratory and caregivers to optimize their use of time and resources. It also serves as the nexus of care—connecting the patient and test results to caregivers and the laboratory and delivering a complete, comprehensive clinical picture.



## RAPIDPoint 500e Blood Gas System

Elevate your blood gas solution.

Comprehensive, cartridge-based testing with heightened operational simplicity and system security. Integri-sense™ Technology enables total confidence in every patient result. Sampling procedure is hands-free and standardized for both syringes and capillaries. Sample types include dialysate\* and pleural fluid pH applications.



## RAPIDLab 1200 Blood Gas Systems

Meet high-throughput needs in labs and at the point of care.

Cartridge-based operation using one sampling procedure. Microsample mode is ideal for neonatal applications, with precise results available from as little as 35 µL of whole blood. Proven Ready Sensor® electrode technology assures measurement accuracy with reliable, long-life stability.



## RAPIDLab 348EX Blood Gas System\*

Deliver efficient critical care testing in labs and clinics.

Robust, reliable analytical performance on whole blood and dialysate fluid\* for the most essential parameters. Minimal maintenance, with convenient front-panel access to all sensors, reagents, and waste.



\*Not available for sale in the U.S. Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

At Siemens Healthineers, our purpose is to enable healthcare providers to increase value by empowering them on their journey toward expanding precision medicine, transforming care delivery, and improving patient experience, all made possible by digitalizing healthcare.

An estimated 5 million patients globally benefit every day from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics, and molecular medicine, as well as digital health and enterprise services.

We are a leading medical technology company with over 120 years of experience and 18,000 patents globally. Through the dedication of more than 50,000 colleagues in 75 countries, we will continue to innovate and shape the future of healthcare.

epoc, POCcelerator, POC Ecosystem, RAPIDLab, RAPIDPoint, Ready Sensor, and all associated marks are trademarks of Siemens Healthcare Diagnostics Inc., or its affiliates. All other trademarks and brands are the property of their respective owners.

Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

#### **References:**

1. Making a Difference at Huntsville Hospital video. Kristie Campbell et al. Huntsville Hospital. August 2016.
2. Clarke Woods, BS, and Dave Culton, BA. Pinnacle Health Proven. 2012.
3. Agarwal S, Shafi R, et al. Point of Care. 2014 Dec;13(4):132-6.
4. Chen J, et al. Clinical Biochemistry. 2016.
5. The Joint Commission Accreditation Hospital. 2017 patient safety goals. Available from: [www.jointcommission.org](http://www.jointcommission.org).

---

#### **Siemens Healthineers Headquarters**

Siemens Healthcare GmbH  
Henkestr. 127  
91052 Erlangen, Germany  
Phone: +49 9131 84-0  
[siemens-healthineers.com](http://siemens-healthineers.com)

#### **Published by**

Siemens Healthcare Diagnostics Inc.  
Point of Care Diagnostics  
2 Edgewater Drive  
Norwood, MA 02062-4637  
USA  
Phone: +1 781-269-3000