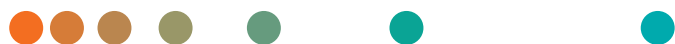


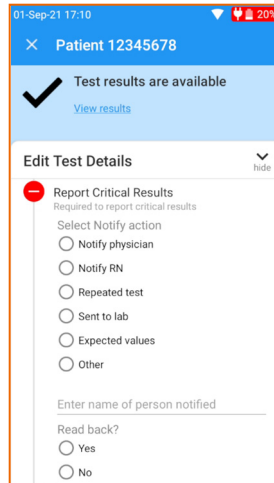
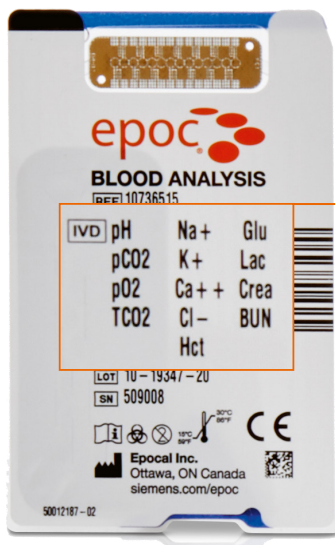
Critical Patient Insights in Emergency Care

Transforming care across emergency settings

siemens-healthineers.com/epocnxs

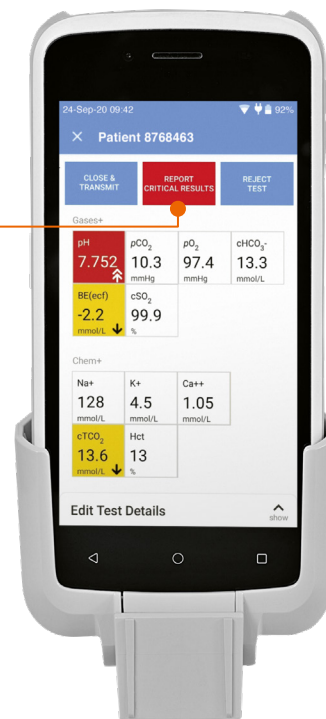


The epoc Blood Analysis System provides critical information that helps inform both the treatment path and transfer destination



Seamless, automatic critical result alerts and documentation reporting on the instrument.

- Test Panel Type
- Blood gas
- Basic metabolic panel
- Lactate
- Hematocrit



Built-in quality measures grant freedom to focus on patient-side care delivery.

Single-use, bar-coded, room temperature-stable Test Cards automate quality assurance and streamline inventory management.

A Basic Metabolic Panel (BMP) is often ordered for patients in an Emergency Department. A BMP uses eight different tests to assess several important body functions, including kidney health, blood sugar levels, acid/base balance of blood, and fluid/electrolyte balance.¹

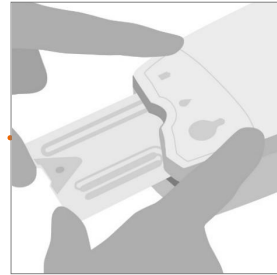
With a simplified workflow process, the epoc system lets you be where patients need you most.



Patient presents to Emergency Department



Physician assessment performed



Insert Test Card

- Test Card is bar-coded with lot information and expiration date that is verified during calibration.
- Eliminate risk of running an expired Test Card.



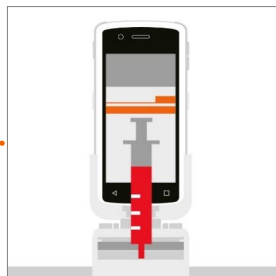
Scan patient

- Positive Patient Identification (PPID) on the epoc NXS Host minimizes the risk of patient misidentification.



Draw sample

- Sample type flexibility

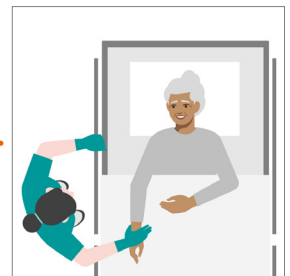


Inject sample



Review results

- Operator alerted of critical results at device
- Critical results can be communicated to the physician immediately.
- Results are securely and wirelessly transmitted to the LIS/HIS/EMR.



Deliver therapy

- Results are delivered in less than 1 minute from the time of sample introduction, driving faster diagnosis and treatment decisions.

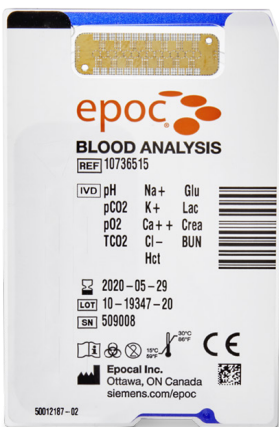
Transform emergency care by bringing critical testing patient-side

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.



With the epoc[®] Blood Analysis System, you can quickly obtain and assess critical results in emergency settings.*

Test Card



Test Card Features



Room-temperature storage



Bar-coded with lot and expiration for error-free test panel recognition



92 μ L sample: arterial or venous whole-blood syringe
90 μ L sample: whole-blood capillary



Results available in <1 minute from sample application



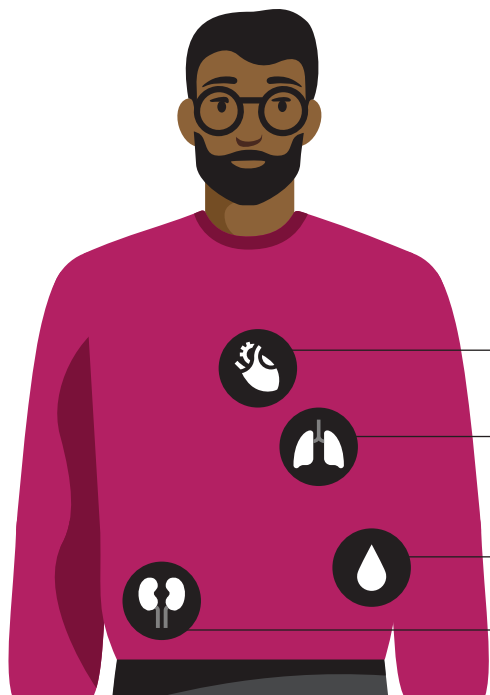
Simplified inventory management



*Device should be used on a flat, stable surface.

Improve patient outcomes with accurate handheld results to guide immediate action

Critical test results delivered in less than 1 minute,* driving faster diagnosis and treatment decisions.



Point-of-care blood analysis systems that provide on-the-scene measurements, including metabolites, electrolytes, and blood gases, have been demonstrated to be valuable tools in improving patient outcomes.²

These tests can provide a snapshot of a patient's health, indicating problems such as:²

Heart rhythm changes

Respiratory distress

**Insulin shock or diabetic coma
Sepsis**

Kidney failure

Published reports demonstrate that emergency medical services that have implemented the epoc system have experienced the value of adding point-of-care diagnostic testing to their emergency care setting.^{3,4}

A North Carolina hospital-associated critical care transport team implemented the epoc Blood Analysis System as a way to begin sepsis treatment in the field.³ Using the epoc system to obtain a lactate level in the field helped them achieve their goal:

"In the first year they reduced mortality from 47% to 24%, eventually dropping to 14%."

Traditional testing models require multiple steps, including transport to a stationary analyzer, which takes up precious time and 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."⁵

Kristie Campbell, Huntsville Hospital

*From time of sample introduction to results.

At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. By constantly bringing breakthrough innovations to market, we enable healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world's most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world.

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1. [https://my.clevelandclinic.org/health/diagnostics/22020-basic-metabolic-panel-bmp#:~:text=A%20basic%20metabolic%20panel%20\(BMP\)%20can%20provide%20helpful%20information%20in,such%20as%20fatigue%20or%20vomiting](https://my.clevelandclinic.org/health/diagnostics/22020-basic-metabolic-panel-bmp#:~:text=A%20basic%20metabolic%20panel%20(BMP)%20can%20provide%20helpful%20information%20in,such%20as%20fatigue%20or%20vomiting). Accessed 1-18-22.
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Published by

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