

epoc<sup>®</sup> sepsis patient pathway

# Dora's Story

[siemens-healthineers.co.uk/doras-story](http://siemens-healthineers.co.uk/doras-story)



# The patient's story

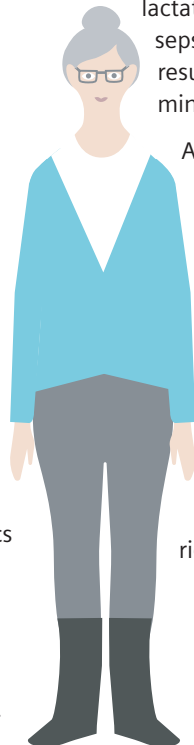
*Dora is a 72-year-old who enjoys gardening. She has had a bad cold with a cough for quite a while and it does not seem to be getting better. Dora's husband was very worried as she became confused, short of breath, and became non responsive. Dora's husband called an ambulance. While getting Dora stabilised, the paramedics contacted A&E to share the patient's vitals and physical symptoms.*

The A&E doctor recommended running blood gas with a basic metabolic panel with lactate. They used the epoc Blood Analysis System right at Dora's side.

Dora has an elevated lactate result that is causing even more concern about her condition.

Dora lives about 30 minutes from the hospital. The paramedics call in the results while en route.

Combined with her other symptoms and vitals, the A&E doctor is becoming concerned about Sepsis and alerts the team.



If Dora is septic there is an 8%\* increase in mortality with each hour that passes without appropriate treatment. It is estimated that sepsis causes 6 million deaths per year. It is a serious medical condition caused by an overwhelming immune response to infection. Serum lactate and creatinine, as part of a sepsis resuscitation bundle, Lab results, even as a STAT, can take 30 minutes.

A result from the epoc handheld device is ready in less than a minute and is used at the patient's side. Lactate clearance is associated with improved patient outcomes. And high initial levels are associated with an increased risk of death.

Because Dora's results were available before she even arrived at the hospital, she can be immediately triaged and go right into treatment.



- Dora has had a bad cold with a cough for quite a while.



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**£15.6 billion  
per year**



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## The challenge

Sepsis costs the UK £15.6 billion\*\* a year.

## The solution

Transforming care delivery across the sepsis clinical pathway with the epoc Blood Analysis System.

## The outcome

Reducing costs, decreasing time to therapy and improving patient outcomes.

Contact us today at

**[poc.team@siemens-healthineers.com](mailto:poc.team@siemens-healthineers.com)**  
to find out more.

\*Fleischmann C, Scherag A, Adhikari NKJ, et al. Assessment of global incidence and mortality of hospital-treated sepsis: current estimates and limitations. Am J Respir Crit Care Med 2016;193:259-272

\*\*<https://www.york.co.uk/news-and-events/news/2017/research/sepsis-economy-report/>

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