Podler®

Think Outside the Cabinet

Q-LINEA

The First Portable Blood Culture Device

Podler® is a portable culture device, capable of incubation, agitation, and continuous detection of bacteria in blood samples, developed by Q-linea. Podler utilises wasted transportation time to instead incubate the sample, reducing the time taken for actionable results.

Timely antimicrobial therapy is paramount in order to improve sepsis patient outcomes and reduce costs. Delays in acquiring antimicrobial susceptibility results cause delayed patient recovery and greater costs for hospitals. It is recommended that blood culture bottles are incubated within 2 hours of sampling. Transportation time is the main cause of significant delays in the detection of bacterial pathogens in blood cultures. More and more hospitals are moving microbiology laboratories off-site, to a hub and spoke system. Depending on the distance between the hub and spoke sites, and the frequency with which samples are collected, blood culture bottles can spend up to 20 hours in transport and handling. As more hospitals move to a hub and spoke system, the impact of transportation time is only set to increase.

Key Features

Faster time to positivity

- Continuous monitoring and detection
- Makes use of transportation and handling time

Tailored to your needs

- Flexible and scaleable solution
- Rechargeable and long battery time

Fits your workflow

- Compatible with current blood culture bottles
- Storage of data and communication with LIS

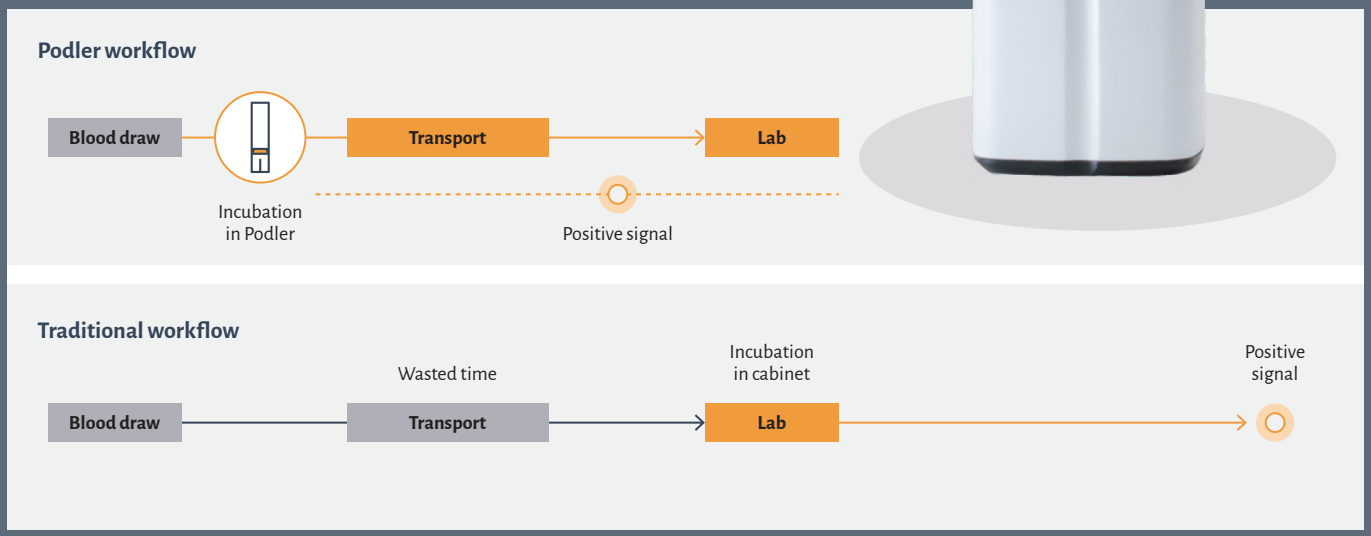
The Current Workflow - Rewritten

Podler rewrites the current workflow timeline, allowing for immediate incubation, agitation and continuous monitoring of a blood culture bottle after a blood draw. This shift eliminates the impact of transportation and handling time. Wasted time is instead converted to time spent incubating the sample.

Podler has all the power and capability of a large stationary cabinet but fits in the palm of your hand. The Podler unit is portable and easy to use. In initial benchmarking tests, time-to-positivity with Podler is on-par with BACT/ALERT® 3D®. Podler signals positive more than 3 hours earlier than BACT/ALERT VIRTUO®, with a 6-hour simulated transportation delay. The Podler unit monitors growth during transport. If the sample signals positive during transport it can immediately undergo antimicrobial susceptibility testing upon arrival at the laboratory. Together with Podler Station and Podler Carrier, the system is scalable to the throughput needs of any microbiology laboratory.

Improve patient outcomes

Podler has the potential to drastically change the way we approach sample incubation and monitoring, improving patient outcomes and lowering costs by reducing time to positive results.



Future-proof Healthcare

At Q-linea, we design, develop, and deliver innovative technology to aid physicians and technicians to improve patient outcomes and save lives. We aim to vastly reduce the time to optimal therapy and ensure antibiotics continue to be an effective treatment for future generations. Q-linea helps to create sustainable healthcare, now and in the future. For patients, physicians, and society.

Q-linea was founded in 2008 by scientists from the Rudbeck Laboratory in Uppsala, Sweden. Today, Q-linea comprises an interdisciplinary, highly motivated team that operates out of state-of-the-art, customised facilities in Sweden, Italy, and the United States of America.

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www.qlinea.com

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