ACCELERATE DIAGNOSTICS®

Want faster ICU bed turnover?

Scientific evidence shows that using fast results from the Accelerate Pheno® system can help **reduce ICU length of stay (LOS) for patients with bacteremia—a leading cause of sepsis— by up to 5.9 days.**

Length of Stay Reductions

5.9 days
ICU LOS reduction[4]
Werner Forssmann Hospital
Eberswalde, Germany

4.7 days
Inpatient LOS reduction[5]
ArnotHealth
Elmira, NY, USA

2.4 days
Inpatient LOS reduction[2]
University of Arkansas for Medical Sciences
Little Rock, AR, USA

2.2 days
ICU LOS reduction[6]
Allegheny General Hospital
Pittsburgh, PA, USA

Fast Results for Fast Treatment

ID in ~2 hours, AST with MICs in ~7 hours

Expedited results reporting[1]

Timely therapy optimization[2,3] (escalation and de-escalation)

Clinical Optimization

Reduced antibiotic days on therapy (DOT)[2]

Lower mortality[4]

Reduced cost of care[4]

1. Charnot-Katsikas A, et al. Use of the Accelerate Pheno™ System for Identification and Antimicrobial Susceptibility Testing of Pathogens in Positive Blood Cultures and Impact on Time to Results and Workflow. *J Clin Microbiol* 2018; 56:e01166-17.
2. Dare R, et al. Impact of Accelerate Pheno™ Rapid Blood Culture Detection System with Real Time Notification versus Standard Antibiotic Stewardship on Clinical Outcomes in Bacteremic Patients. Poster presented at: ID Week; October 2019, Washington, DC.
3. Schneider JC, et al. Susceptibility Provision Enhances Effective De-Escalation (SPEED). Utilizing Rapid Phenotypic Susceptibility Testing in Gram-Negative Bloodstream Infections and its Potential Clinical Impact. *J Antimicrob Chemother* 2019; 74 Suppl 1: i16–i23.
4. M. Wilke, W. Heinlein, K.F. Bodmann. Clinical and Economical Effects of Rapid Antimicrobial Susceptibility Testing for Sepsis Patients in ICUs. Presented at DIVI 2019, Hamburg, Germany; Dec 2019.
5. Arnot Ogden Medical Center's self-reported data.
6. Walsh T. Impact of Accelerate Pheno™ System on Management of Gram Negative Bacteremia at an Academic Medical Center. Poster presented at SCACM WV 2019, Morgantown, WV.

Contact your Accelerate Diagnostics Representative for more information.

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