



SEPSIS SOLUTIONS

Sepsis is a complex clinical syndrome that may be defined as the body’s systemic inflammatory reaction to infection. The body cannot fight the infection alone, and to defend itself requires the administration of the most appropriate treatment.



CHALLENGES

1.7 MILLION
ADULTS IN AMERICA
DEVELOP SEPSIS
EACH YEAR¹

1 IN 3
PATIENTS WHO
DIE IN A HOSPITAL
HAVE SEPSIS¹

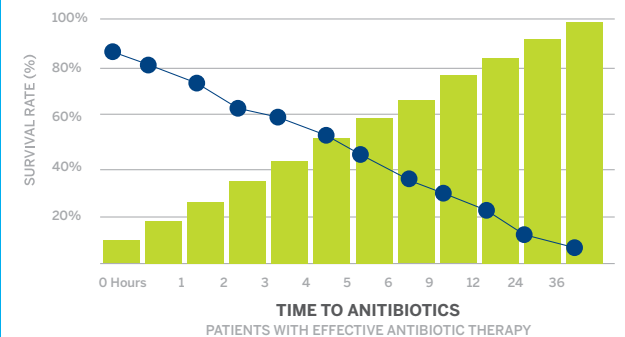
IT IS ESTIMATED THAT
\$24B IS SPENT
EACH YEAR ON
SEPSIS IN THE U.S.²



EVERY MINUTE
COUNTS

In patients with septic shock, **mortality increases by 7.6% for every hour delay** of initiation of appropriate antibiotics.³

Mortality Due to Delayed Antimicrobial Therapy



REFERENCES

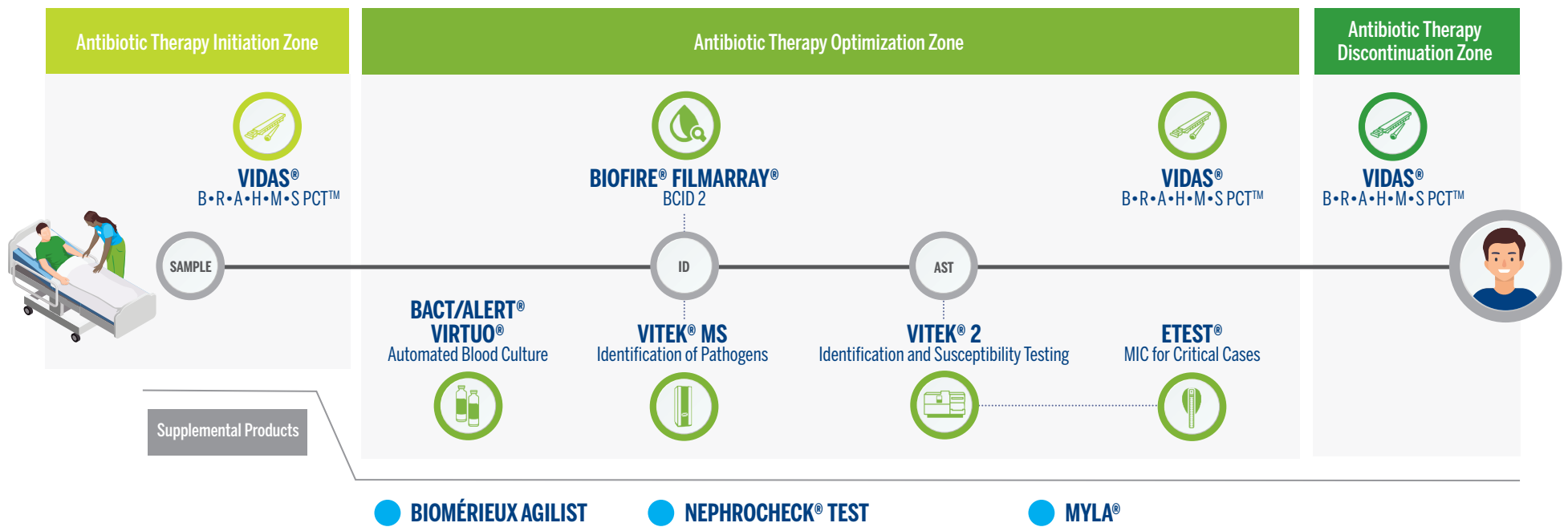
1. Data & Reports. Centers for Disease Control and Prevention. <https://www.cdc.gov/sepsis/datareports/index.html>. Published February 14, 2020.
2. Sepsis Fact Sheet. Sepsis Alliance. <https://www.sepsis.org/sepsis-factsheet-v4/>. Published 2020.
3. Kumar A, Roberts D, Wood KE, et al. Duration of hypotension before initiation of effective antimicrobial therapy is the critical determinant of survival in human septic shock. *Crit Care Med*. 2006;34(6):1589-1596. DOI:10.1097/01.CCM.0000217961.75225.E9



DIAGNOSTIC TOOLS FOR THE MANAGEMENT OF SEPSIS



bioMérieux is the only company with a range of microbiology, immunoassay, and molecular solutions for sepsis. Our “Sepsis Solution” offers a comprehensive range of diagnostic solutions that provide the information that is needed for clinicians to achieve the goal of giving antibiotics to the right patients, at the right time, and for the right duration.



©2020 bioMérieux, Inc. • BIOMÉRIEUX, the BIOMÉRIEUX logo and BACT/ALERT, BIOFIRE, ETEST, FILMARRAY, MYLA, NEPHROCHECK, VIDAS, VITEK, and VIRTUO are used pending and/or registered trademarks belonging to bioMérieux, or one of its subsidiaries, or one of its companies • B•R•A•H•M•S PCT is the property of Thermo Fisher Scientific, Inc. and its subsidiaries • Patents: www.biomérieux-usa.com/patents • PRN 057059 Rev01.A