THE CASCADING EFFECTS OF **ANTIMICROBIAL RESISTANCE**

GLOBAL DEATHS ASSOCIATED WITH BACTERIAL ANTIMICROBIAL RESISTANCE (AMR)





prompt lab turnaround — together with an antimicrobial stewardship (AMS) program is the key to improving patient outcomes and optimizing cost effectiveness." Norma Hernández, MD, Sr. Director of Medical Affairs, bioMérieux LATAM

"Developing guidelines to request diagnostic testing, interpret results, and address

ANTIMICROBIAL RESISTANCE HAS FAR-REACHING CONSEQUENCES



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DECREASE

LENGTH-OF-STAY by 3.24 DAYS² **REDUCE INFECTION-**RELATED

REDUCE

AVERAGE

MORTALITY 11.3%



10.5%

AMS PROGRAMS

FECTIONS, avoiding extra treatments:



Strain on **Treatment** Hospital Resources⁵



SAVE up to

3-5% annually

on average⁵

\$7

ルミ

Higher



AMS PLANS HELP HOSPITALS



Need for



BROADER ECONOMIC IMPACTS

INCREASE

AVERAGE

by ~\$730 USD

per patient

(• hind a Decreased Impacts on Livestock & International Trade⁸ Agriculture⁸

REDUCE RISK





AMS PROGRAMS



MITIGATE

GLOBAL

Reduced

Workforce

Productivity⁷

OF READMISSION by limiting broad-spectrum antibiotic use8





LEARNING LOUNGE **Everyone Has a Role to Play in**

latest diagnostic advancements for antimicrobial resistance and sepsis patient management. **Learn More**

Fighting Antimicrobial Resistance

The Learning Lounge is a trusted resource for education and insight

regarding today's most critical public health challenges, including the

REFERENCES:

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PIONEERING DIAGNOSTICS