



## THE PRECISELY CONNECTION

Conversation at the frontier of Clinical Decisioning and The Virtualization of Care

### FEATURED ARTICLE



#### **Losing Our Antibiotic Defenses: What Hospitals Can Do**

The current COVID-19 pandemic has highlighted the importance of infectious disease threats, their public health impact, and the need for a coordinated response. Without a sustained effort, it is projected that antimicrobial resistance could cause as many as 10 million deaths annually worldwide by the year 2050<sup>3</sup>. While this problem requires a multifaceted solution, antimicrobial stewardship is one essential tool currently available in preserving the effectiveness of our current antibiotic armamentarium<sup>4</sup>.

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## MORE TO EXPLORE

[Inappropriately Prescribed Antibiotics, Accompany Covid-19 Surge](#)

[Could SARS-CoV-2 Evolve Resistance to COVID-19 Vaccines?](#)

[Research Round-Up: Antimicrobial Resistance](#)

[Patterns of Antibiotic Use in Patients with COVID-19](#)

## PARTNERSHIP WITH A PURPOSE



### **Identifying Patients at Risk of Dying of Sepsis, After ICU**

The world now knows that COVID-19 can affect the respiratory system, with the worst cases requiring hospital care due to the development of pneumonia in varying severity. Even though, nearly all other organ systems can be affected as well. Now that more COVID-19 scientific data is available, the Global Sepsis Alliance has determined that COVID-19 can cause sepsis. Signs of multi-organ injury typical of sepsis transpires in roughly 2-5% of those with COVID-19, after approximately 8-10 days. It is imperative to detect the early signs of sepsis, and to initiate prompt treatment when diagnosed. Appropriate intervention can help save lives.

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## DEEPER DIVE



### Antibiotic Resistance and Appropriate Use

Antibiotic resistance continues to be a topic of major concern for healthcare teams. In this On-Demand webinar, Dr. Edward Septimus will outline challenges in diagnosing and treating bacterial infections. Dr. Septimus will also review the importance of reducing HAIs and Drug resistant bacteria.

[Access Here](#)



### Antimicrobial Resistance in the Time of COVID-19

Join Dr. Brian Lee, Clinical Science Director at Roche Molecular Diagnostics, for this On-Demand Sepsis Alliance webinar. Learn about how Antimicrobial Resistance (AMR) has been a silent pandemic spanning two decades. And, how without a coordinated response, AMR is an ongoing threat to modern medicine. Dr. Lee will also review the new U.S. national action plan designed to combat AMR and the potential impact of COVID-19.

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