Study findings suggest using sensitive and rapid-to-detect blood culture media to aid in the diagnosis of sepsis may improve patient care and outcomes.

51% of patients in the General Wards, and 82% of patients in the Medical ICU were already on antimicrobials within four hours prior to blood culture collection.

BD BACTEC™ Plus Aerobic medium had statistically significant higher recovery rates of clinically significant isolates in the presence of antibiotics compared to another commonly used aerobic blood culture medium...

....and a faster time to detection by an average of 4.4 hours.

Across all time points, BD BACTEC Plus Aerobic medium was 4.53 to 6.58 times more likely to recover organisms in the presence of active antibiotics.

Study Highlights the Importance of Antimicrobial Removal Systems in Blood Culture Testing to Aid in the Rapid and Accurate Diagnosis of Sepsis.