Pharmacists Impact *C. diff* Infection Rates Using AI Predictive Surveillance



CLOSTRIDIOIDES DIFFICILE (C. DIFF) INFECTIONS ARE A PROBLEM IN YOUR HOSPITAL



ARTIFICIAL INTELLIGENCE—A GAME CHANGER FOR TARGETING C. DIFFICILE INFECTIONS IN HOSPITALS



An AI model that works requires clinical expertise (AMS pharmacists, epidemiologists and physicians) and data science innovation to identify and validate key patient variables (labs, vitals, dosage, duration, etc.).



AI has the power to continually assess a range of interactions between key variables to come up with a more precise CDI Risk Score that updates in real time as a patient status changes during hospitalization.



Once scores are calculated and high-risk patients are prioritized, clinicians receive evidence-based recommendations to begin treating those high-risk patients.