

## What We Do

Antibiotic Adjuvant, Inc. (AA) provides, for the first time, a tool for Antibiotic Stewardship programs with the ability to affect ~90% of hospital antibiotic prescriptions by functioning at the moment of physician prescription. AA functions from within the hospital CPOE system. The application provides a unique opportunity to transform the present day chaos of antibiotic prescribing into an organized campaign to control resistance, minimize nosocomial antibiotic induced superinfections and improve outcomes in infected patients. AA combines authoritative decision support algorithms, input from hospital informatics, and the physician's own findings with a smart and simple physician order entry interface making optimal prescribing easy for the busy clinician.

Antibiotic mixing and balancing algorithms adapt empiric recommendations in real time to changing facility bacterial resistance patterns. De-escalation protocols help shorten excessive duration of antibiotics. AA algorithms assist with related physician activities such as the interpretation of complex microbiology reports or prescribing for patients with allergies.

Infectious Diseases consultation is suggested for complicated patient care situations. Pharmacy dashboards allow the stewardship pharmacist to be more effective. Infection control practitioners are presented with a daily list of physician-defined nosocomial events, making the task of following all nosocomial infections more practical. Hospital administration can use the information generated within AA by physicians to understand the heterogeneous 'product line' of infected patients for the first time, and thereby initiate programs to improve outcomes.

The proprietary Antibiotic Adjuvant system is the only application available that can do all of this for the hospital, skilled nursing facility, the medical office, or a geographic region. The application makes true Comprehensive Antibiotic Stewardship achievable for all hospitals and other medical facilities, large or small.