

DRUG RESISTANCE ANALYSIS TOOL

What is it?

A best-in-class SaaS solution providing brochure style profiles for indexing, matching, reporting, analysis and measurement. An analytical tool based on laboratory and phase IV drug study data to determine the rates of resistance of various geographical strains of bacteria against available antibiotics.



Who uses it?

Hospitals, research scientists and laboratories.

Any plugins?

Yes, this platform has many plugins, including an encyclopedia style archive tool, a presentation system allowing analysis to be presented directly from PowerPoint and a mobile analysis solution delivered from handheld devices.

Why was it developed?

This database of antibiotic resistance helps medical professionals treat a specific strain of bacteria as contracted by a patient, in the context of where that patient first became ill. This is important because often bacteria will mutate and form resistance according to the most common treatment in a specific location. For example, the most effective drug against *Streptococcus pneumoniae* in the UK may actually prove to be completely ineffective in Hong Kong.

What type of system is it?

The system incorporates analytical software and solutions driving a SaaS approach, presented through HTML5, PHP and JS.



The British Society for
Antimicrobial Chemotherapy

