

The immune system is built to communicate what's going on. Our mission is to listen.



MeMed's host response technology decodes the complex signals of our immune system into actionable insights. These can be used to transform the way infectious diseases are diagnosed and treated.

MeMed started by focusing on a "seemingly" simple problem, a patient with FEVER, which leads to some of the biggest healthcare challenges of our time.



Fever dilemma #1:
Is an infection bacterial or viral?
To treat or not to treat with antibiotics?



Fever dilemma #2:
Is the condition severe or not?
To escalate treatment or not?

Conventional tests are often insufficient because...



Inaccessible infection sites



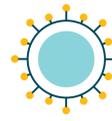
Often no pathogens are detected



False alarms due to colonization



Poor performance for emerging pathogens



Uncertainty regarding severity



Prolonged time to results

Bacterial or Viral:

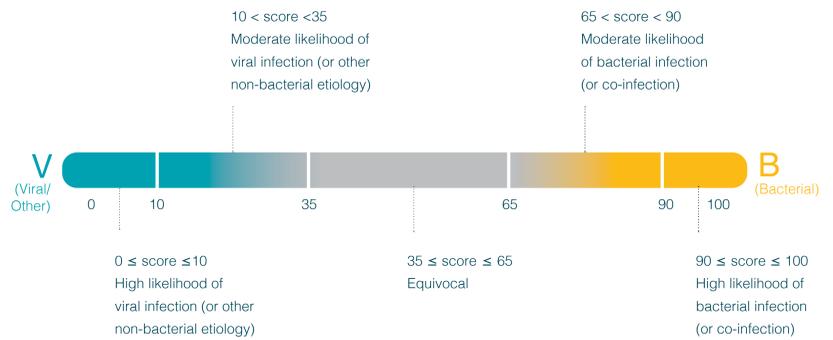
Since bacterial and viral infections are clinically indistinguishable, physicians are often challenged to decide whether to treat or not with antibiotics. By providing host response information, we help physicians make more informed decisions about how and when to treat.

Antibiotics are the most misused drugs:



Three Biomarkers + Machine Learning = MeMed BV[®]

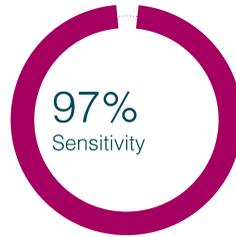
From a small serum sample, MeMed BV computationally integrates the levels of three host immune proteins into a simple score indicating the likelihood of a bacterial immune response or co-infection versus a likely viral immune response.



MeMed BV's

high performance has been independently confirmed in unprecedented validation which has been tested and used on >20,000 patients⁹⁻¹⁴.

Accuracy and Reliability⁸



⁸8.3% of the patients had an equivocal score result

Central lab precision at the point of need

MeMed Key[®] runs the MeMed BV test in just 15 minutes, where and when it actually matters.

MeMed Key is a cutting edge, compact immunoassay platform that makes it possible to conduct highly sensitive, rapid, multiplexed protein measurements that previously could only be done on expensive central lab equipment.

MeMed BV & MeMed Key: CE Marked
MeMed COVID-19 Severity: under development

