

Test determines acute bacterial or viral infection, 10/15

The results of a large, multicenter prospective clinical study that validates the ability of MeMed's ImmunoXpert in vitro diagnostic blood test to determine whether a patient has an acute bacterial or viral infection was published in the March 18, 2015 online edition of Plos One.

In the study, the ImmunoXpert immune signature was developed and independently validated on a cohort of 1,002 patients with acute infections and yielded highly accurate results, with sensitivity and specificity greater than 90 percent. The assay was validated in a diverse group of pediatric and adult patients at different time points after the onset of symptoms (from the first day up to 12 days) and across 56 different pathogen species. ImmunoXpert remained robust over all subgroups studied. The predictive power of the assay's immune signature outperformed routine biomarker and laboratory tests, as well as combinations of these tests. The signature is amenable to rapid measurement using a blood test run on standard hospital and laboratory-deployed automated platforms or using a point-of-care device now in development.

MeMed's ImmunoXpert test is CE marked and approved for clinical use in the European Union and Israel.

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