

Entvantage

A Multiplexed, Point-of-Care Device for Rapid Diagnosis of Acute Bacterial Sinusitis

Annually, 29 million people are diagnosed with sinusitis in the U.S. and 80% receive a prescription for antibiotics. Although less than 10% of sinusitis cases are caused by bacteria, sinusitis accounts for more adult antibiotic prescriptions than any other outpatient diagnosis. Currently, there are no products available to diagnose bacterial sinusitis at the Point of Care (POC). With the looming threat of antibiotic resistance and 1 in 1000 patients suffering serious, sometimes life-threatening adverse effects due to antibiotics, physicians need better tools to diagnose and inform the clinical management of patients with sinusitis. Entvantage Diagnostics is developing the first multiplexed, Point of Care (POC) test for rapid diagnosis of bacterial sinusitis in the primary care and urgent care setting where 90% of sinusitis patients are seen. This rapid diagnostic will improve patient care by equipping health care providers with a means to quickly and accurately diagnose patients with sinusitis who otherwise would be treated empirically. This POC test will improve patient safety and reduce direct and indirect cost to the healthcare system by reducing the number of antibiotics prescribed for sinusitis.