

Use Case	Patient population	Karius Yield	SOC Yield	Reference
Febrile neutropenia	55 adult patients with leukemia	<b>85%</b>	42%	Benamu E et al. <i>Clin Infect Dis</i> . Published online April 19, 2021. Epub ahead of print.
Prolonged/persistent fever, or imaging suspicious of infection	31 adult patients with hematologic malignancy +/- BMT	<b>80%</b>	40%	Yu J et al. <i>Transplant Cell Ther</i> . Published online February 26, 2021. Epub ahead of print.
Complicated pediatric community acquired pneumonia	15 pediatric patients	<b>86%</b>	47%	Farnaes L et al. <i>Diagn Microbiol Infect Dis</i> . 2019;94(2):188-191
Fever or pulmonary nodule suspected or confirmed to be infectious in origin	10 adult patients with chemotherapy or transplant	<b>80%</b>	60%	Camargo JF et al. <i>F1000Res</i> . 2019 Jul 26;8:1194.
Focal/systemic infections	79 pediatric patients (76% immunocompromised)	<b>92% (63% invasive)</b>	79% (48% invasive)	Rossoff J et al. <i>Open Forum Infect Dis</i> . 2019;6(8).
Invasive infections / FUO / FN / CNE	160 adult patients (36% immunocompromised)	<b>71%</b>	7% (BC only)	Francisco D et al. IDWeek Online 2020, October 22-25, 2020
Infective endocarditis	10 pediatric patients	<b>80%</b>	30% (BC) / 50% (All)	To RK et al. <i>Pediatr Infect Dis J</i> . 2021;40(5):486-488