

SPOTLIGHT ON STAKEHOLDER SUCCESS

Improving emergency department flow and decreasing risk through development and implementation of molecular diagnostics guided triage

 PATIENT	EARLIER DIAGNOSIS	Wait time for SARS-CoV-2 results dropped from 15 hours (max 44 hours) to 3 hours (max 6 hours) after the emergency department (ED) established a point-of-care molecular laboratory as a standard procedure.
 CLINICIAN	ENHANCED CONFIDENCE	<p>“Early diagnosis has had a significant impact and has helped physicians feel more confident in their choices, both of which are crucial in daily clinical practice with emergency patients”</p> <p>- Ana Tancabel Macinkovic, Emergency Medicine Specialist</p> <p>100% of surveyed emergency specialists (n=16 with 100% participation), indicated that they are now more comfortable managing patients with respiratory symptoms due to the rapid availability of results from quick molecular POC dqPCR testing in the ED.</p>
 HEALTH SYSTEM / ADMINISTRATION	IMPROVED QUALITY	Budget reduction of 33% for a monthly savings of €40.000,00 [annually €480.000,00] on isolation reagents that were no longer required.
 PAYOR	REDUCED RISK	When POC dqPCR was implemented, a false negative rate of 3% for rapid antigen testing was identified. Using POC dqPCR enabled rapid and accurate delineation between SARS-CoV-2 positive and negative patients, enabling enhanced safety and reduced risk of downstream transmission.