

Paragon® Rules Engine Novel Coronavirus Alert

/Core Solutions

Health systems are rapidly adjusting to address needs to screen and treat patients. Allscripts will provide tools within the Paragon® EHR Applications to help alleviate the current challenges based on CDC recommendations. This update offers our clients guidance for identifying patients with confirmed and suspected novel coronavirus disease (COVID-19). The Paragon Rules Engine Novel Coronavirus alert is a new Paragon solution add-on that will enable clients to perform an initial screen on patients for COVID-19 (screen patients based on a vital sign and complaint that will alert front line clinical staff).

How Paragon Rules Engine Novel Coronavirus Alert can help

Alerting staff of high-risk patients

Delivers an alert for the patient based on specific documented information entered into Paragon workflows to keep both patients and staff safe.

Assessing COVID-19

Serves as criteria for the guidance on the evaluation of COVID-19 suspected cases and provides access to CDC recommendations.

Documenting the patients' confirmed or suspected coronavirus disease statuses

Provides the necessary alerts and notifications to capture the information within the patients' records.

Key features

- **New Rule Alert Mapped to Paragon® Emergency Department Management (EDM)**
 - The provided alert takes a patient-entered temperature and complaint into consideration to generate an alert to clinical staff.
 - The site will need to map a Lower Respiratory Complaint within the Emergency Department Management (EDM) application.
 - If the site (hospital) documents in Fahrenheit then the logic in Rules Engine will convert. Alert directs the clinician to ask for a travel history (to be documented as Current/Historical Problem in Patient Profile Problems & Procedures) and provides follow-up questions as necessary.
 - Clinician will be directed to RL to review CDC current recommendations.
 - Displays the CDC URL for recommendations on support for a patient.
 - User will enter vitals in the Triage details screen. This complaint will determine if there is Lower respiratory complaint or a temperature that 38° C or higher.
- **New Rule Alert mapped to Paragon® Clinical CareStation**
 - This same alert can be mapped within Paragon to trigger an alert to clinicians that document in Clinical CareStation based on patient-entered data. This alert can be generated to the clinician at the open and/or close of an assessment.
 - This rule alert is for clinicians when documenting assessments. Site may want to map this alert to trigger the opening and/or closing of an assessment (such as a

Challenges we address

- **Capturing patient statuses—**
Our clients need an alert that can effectively screen a patient to identify if a patient is presenting with potential COVID-19.
- **Identifying high-risk patients—**
This poses a significant risk for slowing the progression of the disease within the hospital setting and beyond. With the right solution, organizations can be at the forefront of helping reduce the spread of the coronavirus by effectively treating confirmed cases.
- **Mitigating downtime—**
Organizations need to ensure there is no downtime and having the installation of the correct policies or rules can help reduce the risk. Users need access as admin users to one server to maintain streamlined workflows.

daily assessment). The Rules Engine takes into account the documented Current Problem of a lower respiratory complaint, the latest documented temperature and no foreign travel documented.

- Same criteria as above for EDM.
- **Configurable alerts**—The alerts are configurable to meet the needs of clinicians within your organization. This configuration is done with knowledge of the Paragon Rules Engine. Users can configure the CDC recommendations URL to an internal URL if necessary and the alert message to user.
- **Alert updates**—CDC recommendations are reviewed weekly by Paragon for significant changes affecting the rule and will publish updates as required.
- **Zero downtime**—There is no downtime and no need to go to paper to install or experience any late-night deployments. The user will only have to have access as an administrator user to one server. The provided alert and components can be copied to the BizTalk server and the informational guide followed to get alert into production.

Outcomes we deliver

- Alerts properly identify ill patients and prevent the spread of the disease