

Identify, Review, and Capture Risk Factors Before the Patient Encounter with Epic Integration

Key benefits:

- **Improve risk adjustment factor** by leveraging NLP to quickly identify highly probable diagnoses across all available clinical and billing data
- **Empower clinical care efforts** by surfacing latent conditions in the patient’s medical history
- **Enhance clinician efficiency** through EHR-integration that reveals supporting evidence within the care workflow, routing accepted conditions to the EHR or point-of-care tool.
- **Minimize IT burden** Health Fidelity is Epic App Orchard certified, allowing for SSO and real-time integration
- **Eliminate duplication** by filtering suspects to exclude anything present in Epic BPA
- **Standardize risk capture process** across all populations through a single workflow, with MA, ACA, Medicaid, and ACO program support

Via the Lumanent Pre-Encounter Prep application, a clinical team member can choose to:

- **Accept** the suspected condition to add it to the Visit Diagnosis
- **Reject** the suspected condition

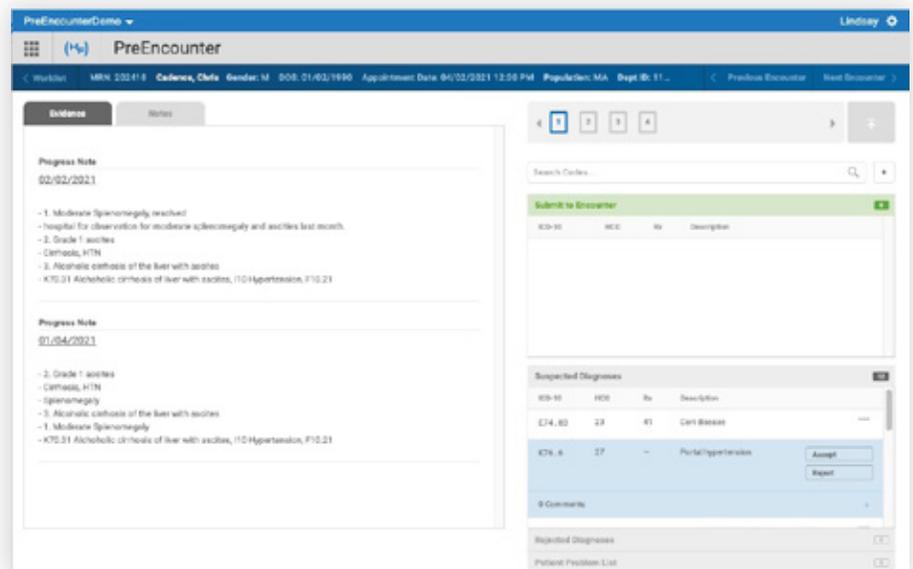
The Lumanent® Pre-Encounter Prep module ensures that a patient’s conditions are completely and accurately captured at every appointment.

Part of the Lumanent Provider Workflow, Pre-Encounter Prep with Epic integration offers outpatient practices the ability to net fuller, more accurate value-based care reimbursements while facilitating a more thorough level of care. It does this by ensuring that risk scores, an assessment of disease burden and a deciding factor in reimbursements, are routinely evaluated. By flagging suspected risk adjustable conditions for review within the care delivery workflow, providers can quickly evaluate and route diagnosis gaps for closure.

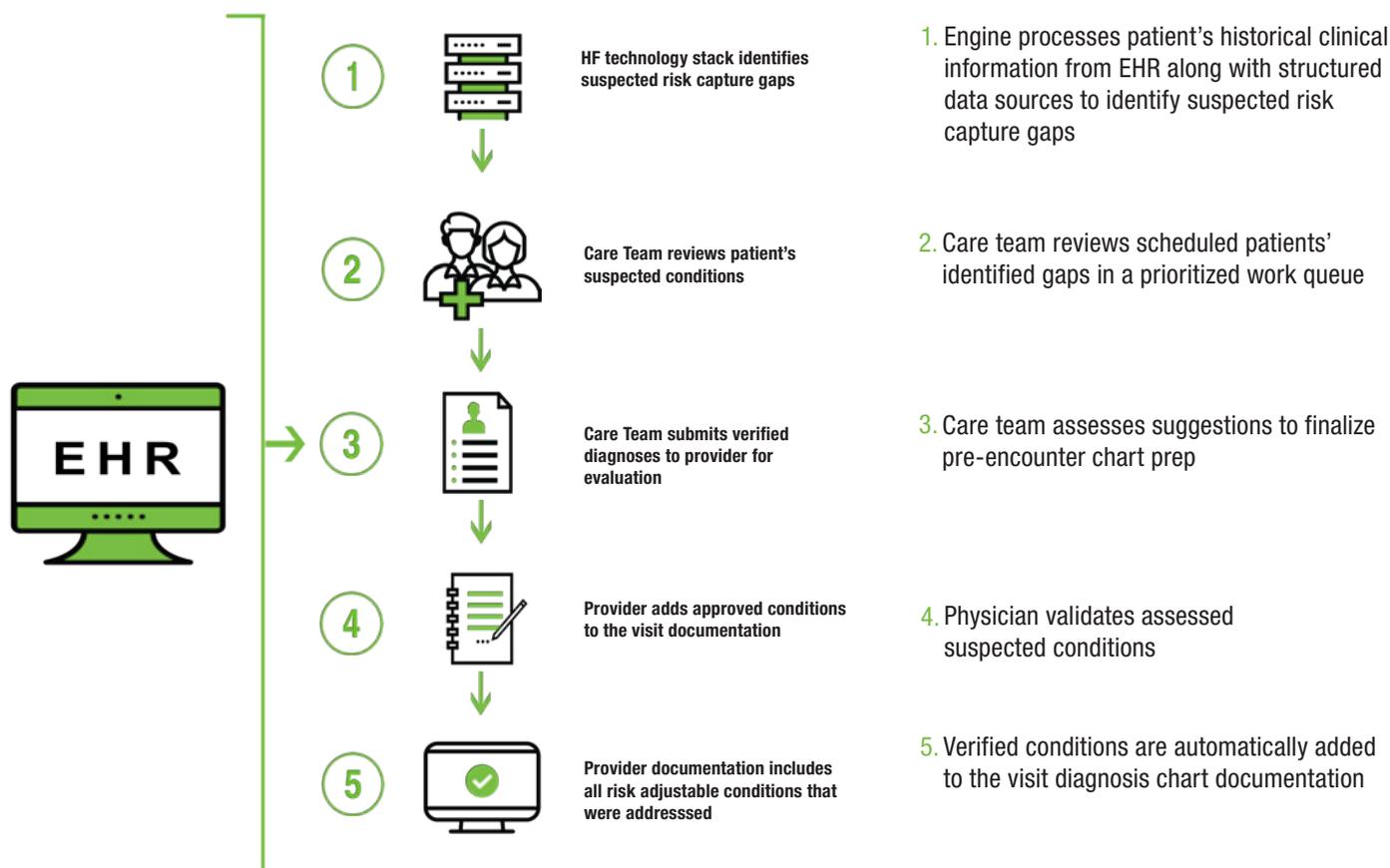
To flag those conditions, Pre-Encounter Prep ingests clinical data from Epic and processes it through Health Fidelity’s technology stack to surface a list of suspected conditions for review. Conditions surfaced by the NLP from this chart review are referred to as “clinical suspects” and are presented to a reviewer prior to every appointment. Each suspect is highlighted and connected to its corresponding evidence, offering the recommendation, alongside the source and context.

Each patient with an upcoming appointment is displayed within a worklist, examined by a Clinical Review Specialist (such as a nurse or care manager) within the practice, and each suspect is given a disposition for routing. Reviewers can evaluate the suspect, make notes, and either accept or reject the suspect. Accepted conditions can then be added to the Epic BPA for the physician to assess during the patient visit. The process is designed to simplify and streamline the necessary work of capturing HCCs, known or suspected, but missing for that year. Consistent processing of suspects results in a more complete and accurate risk score as well as fuller understanding of the conditions facing each patient.

Finally, who uses Pre-Encounter Prep and when is flexible. While there are best practices on who reviews suspects prior to submission to the Epic BPA, each organization can determine their own workflow. It comes down to individual goals around care coordination, compliance initiatives, or a more hands-on engagement in chart prep prior to the encounter.



Lumanent Pre-Encounter Prep Workflow



Lumanent Pre-Encounter Prep Suspecting

Pre-Encounter Prep develops suspected clinical conditions (suspects), by analyzing and interpreting multiple sources of unstructured clinical documentation with its NLP engine, Lumanent Insights. The NLP engine draws patient characteristics together from the unstructured data sources, and infers clinical validity, clarifying ambiguous data to draw a conclusion around a suspected condition's lack of a complete, accurate formal diagnosis.

The findings come from the combination of disparate, unstructured data sources to surface un-recognized conditions, or under-documented instances of complexity, or comorbidity. In each case, a possible suspect is determined through the blending of criteria that includes available data points and assessment through rules-based and complex logic.

After suspects are found, Lumanent Pre-Encounter Prep strikes a balance between finding all possible suspected conditions and refining those to minimize any additional administrative burden on the care team. This is accomplished through filtering and suppression, depending on both global Pre-Encounter Prep user behaviors and local suppression and customization, including filters based on local care specialization condition targeting. It is only at the conclusion of the surfacing, inference, and filtering, the suspected conditions are added to the Epic BPA.