OVERVIEW

DxTreat's HIV post exposure prophylaxis (HIV PEP) tool is a software program that collects info about non-occupational possible exposure to the HIV virus in the past 72 hours, assesses the risk of infection, and recommends appropriate treatment and testing. It is built on DxTreat's medical protocol modeling technology and follows Centers for Disease Control and Prevention (CDC) guidelines as well as guidance from experts in the field. The HIV PEP tool is being vetted right now with some clinical usage.

Condition Addressed

HIV

Clinical Interventions

- **Tests**
  - HIV for patients and source if available.
- **Treatments**
  - PEP.

Medically Accurate & Adaptive Questioning

The tool is intended to be medically accurate, asking only the necessary questions based on patient responses, and recommending the necessary interventions.

Patient versus Clinician Interfaces

The clinician interface is optimized for clinical decision-making with color-coded patient responses and best-practice recommendations. Patient interface is optimized for what clinical care in the patient's case might be, and clear next steps in receiving care.

Settings: Home and Clinic

In clinic use. The patient completes the interview while in the waiting room on a desktop or mobile device. Patient data and recommendations can be emailed to the clinician and/or electronic medical records (EMR).

At home use. The patient accesses the tool at home via either the clinic's website or the patient portal. The tool informs the patient of the recommended tests and treatments.

Transcription Engine

The tool automatically generates EMR notes, in both text and HL7, from patient-entered data.

EMR Integration

The notes produced by the transcription engine can be integrated into any EMR.

Patient Privacy

The tool currently does not collect any protected health info (PHI) and can be used in a completely anonymous fashion.

Customization

DxTreat allows clinics to add additional messages to the outputs, and do some customization of the protocols.

Analytics and Reporting

Clinic managers can choose to have regular reports emailed to them showing the usage of the tool.

Benefits

Patient Engagement. The program promotes active patient involvement in their care and individualized education about PEP.

Improved access. Patients who are possibly exposed to the HIV virus can start getting accurate medical info faster.

Improved quality of care. Since many clinicians may not be familiar with PEP, it improves the quality of care especially when the HIV clinicians hotline is not available.

Streamlined data collection and clinical decision-making. The care will be standardized, and kept updated with the latest recommendations.

Reduced burden of documentation. The software collects the patient history and transcribes it into a standard medical note. This can be edited and physical exam findings added.

Company

DxTreat is built around facilitating collaboration between highly trained computer scientists and physicians. It is committed to being a responsible player in healthcare, and creating software that lowers cost, improves quality and access, and enhances patient empowerment and engagement.

Family of Topics

DxTreat is working on a whole family of topics, including those related to STI screening such as PEP, and those needed in a PCP setting such as influenza and sore throat. By establishing a relationship with DxTreat, a clinic can benefit from all these topics.

For additional info, please contact:

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