

## Lupus Advisor Project Overview



This document can be used to assist in the development of a project plan for the Lupus Advisor App inclusion in your system. We have provided language and resources as it may relate to your Project Management/IT Office request to add Lupus Advisor to your system.

### Suggested Activities Before Project Submission

- Communicate project and get buy-in with appropriate team members.
  - Description of Lupus Advisor:

Lupus is a condition that there may be inconsistencies in treatments. Relevant clinical data for the patient is presented succinctly for physician and patient conversations and fed back to the patient's Epic record for documentation and treatment follow-ups. [https://info.pocp.com/lupus\\_advisor](https://info.pocp.com/lupus_advisor)
- Schedule a Demo for your team: [LupusAdvisor@pocp.com](mailto:LupusAdvisor@pocp.com)

### Project Information:

**Project Name:** Lupus Advisor in the Epic Showroom: [Epic Showroom - Lupus Advisor](#)

**Application Background:** Lupus Advisor integrates with Epic using SMART on FHIR SSO for user authentication and extracts data from the patient's record using FHIR-based APIs. (Demographics, Vitals, Conditions, Procedures, Labs, Medications) Lupus Advisor uses that data to pre-populate a patient assessment and, using our rules engine, presents care recommendations to the user based on approved guidelines.

**Application Cost:** Lupus Advisor is free. Development and maintaining Lupus Advisor is sponsored by GSK, a leader in lupus research. Only activity reports are available to GSK to monitor use of the platform to evaluate the need for future enhancements.

**Project Rationale:** Lupus is a condition that is not well known by many providers and there may be inconsistencies in treatments. Anticipated benefits from using Lupus Advisor are:

*Improved Monitoring of Disease Activity:* Several measures of the patient's condition are not easily measured or tracked (SLEDAI-2K, LLDAS, etc). Lupus Advisor assists physicians and nurses in calculating measures of disease progression.

*Enhanced Patient Trend Insights:* Key patient trends are displayed and opportunities for improving treatments are presented for discussion with the patient.

*More Consistent Care and Improved Notes:* Orders selected for the patient are entered into the patient record for approval and a note summarizing the discussion is entered into the patient record for editing and approval.

## **Project Goals:**

Lupus Advisor will assist rheumatologists and nurses in documenting the current state of the disease, standardizing care decisions and improving documentation in line with the standards we determine based on treatment guidelines.

- Review the patient's relevant clinical data succinctly, including the SLEDAI-2K score with trending over time
- Determine if a patient needs treatment updates using criteria determined by the health system as selected from the library of criteria sourced from published guidelines
- Standardize care and treatments
- Improve patient communications and engagement
- Improve continuity of care by:
  - Improved physician notes and documentation for disease progression
  - More consistent labs and problem lists
  - SLEDAI-2K standardized scores and tracking over time

## **Who is Impacted:**

Initially rheumatologists in the Lupus Clinic and their affiliated staff. Fellows in the rheumatology program may be added as well. After a successful initiation period, we will consider rolling Lupus Advisor out to all rheumatologists. (A future version may be appropriate to guide primary care teams in their evaluation but that option will be taken up at a later date.)

## **Clinical Team Responsibilities:**

Health systems have the ability to include/exclude recommendations based on clinical protocols and the corresponding send any orders for medications and labs, appointments, and visit notes back to Epic using proprietary Epic APIs.

## **IT Lift:**

- Implementation is a white-glove approach with vendor, Epic representative, and Vendor team. We expect a few hours of time to create the connection between an Epic instance and the Lupus Advisor servers (on a secure AWS platform)
  - Testing the implementation of the app is also necessary and POCP is available to assist.
- APIs used with Lupus Advisor:
  - SetSmartDataValues
  - CreateAppointmentRequest
  - Patient.Read (R4)
  - Condition.Search (Encounter Diagnosis) (R4)
  - Condition.Search (Problems) (R4)
  - Observation.Search (Vitals) (R4)

- Procedure.Search (Orders) (R4)
  - Condition.Search (Health Concern) (R4)
  - Medication.Read (R4)
  - Medication.Request.Search (Orders) (R4)
  - Observation.Search (Labs) (R4)
  - DocumentReference.Create (Clinical Notes) (R4)
  - Condition.Search (Infection) (R4)
- Implementation from your organization may involve the following IT resources:
    - Project Manager
    - Epic Analyst
    - Epic Client TS for Applications
- A request to Implement Lupus Advisor to your Epic app point person in your organization. Your Epic app point person will need to request the Lupus Advisor app from the Epic Connection Hub. Details on Epic's [App Request Process](#) can be found [here](#).
    - Requesting organization will go the [Epic Showroom](#)
    - Select [Products](#)
    - **Search for Lupus Advisor**
    - Requesting organization will need to request to download the Lupus Advisor app
    - Your Epic app point person will be contacted by the Epic TS for the app
    - The contact for Lupus Advisor in the Epic Connection Hub team is [l.brown@epic.com](mailto:l.brown@epic.com)
    - The contact for Point-of-Care Partners support is [LupusAdvisor@POCP.com](mailto:LupusAdvisor@POCP.com)