



# ePREOP, LLC ePREOP, Clinical Decision Support & Authorization Services Application

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# Company Information

## ➤ **Company Overview**

- ePREOP coordinates and promotes the delivery of high-quality care. ePREOP integrates with electronic health records and offers scheduling and authorization tools that streamline administrative tasks. The process connects physicians to patients, facilities, and insurers.
- ePREOP focuses on clinical decision support tools that generate patient-specific clinical guidelines. These recommendations can improve outcomes and decrease healthcare costs.

# Solution Overview

## ➤ Summary of Application/Product

- ePREOP offers scheduling and authorization services that are linked to Clinical Decision Support tools. The report provided can decrease costs and improve outcomes.

## ➤ Summary of Client/Patient benefits from using Product

- ePREOP provides tools that decrease unnecessary testing, enhance patient engagement with care, screen for high-risk conditions, reduce administrative burdens, and improve clinician satisfaction.

## ➤ Detailed Description

- 1. ePREOP provides evidence-based preoperative testing guidelines, indications for consultations, and patient- and surgery-specific instructions to the point of care. The application works automatically within Allscripts Enterprise, analyzing each patient's medications and conditions through a customizable and updated rules engine. The system provides best practice guidelines that may significantly improve outcomes, and also evaluates and screens for undiagnosed high-risk medical conditions which may affect care. Additionally, ePREOP improves data accuracy and decreases administrative burdens by streamlining scheduling and authorization. Discrete data transfer of patient health information is also facilitated.
- 2. Future applications that utilize ePREOP's clinical decision support rules engine will provide the following value-based care imperatives from within Allscripts Enterprise:
  - a) Present radiology best practice testing guidelines whenever tests are ordered.
  - b) Automatically generate Medicare and accountable care preventive medicine screening recommendations.

# Solution Overview

## ➤ The application developed addresses the following category:

- Applications that improve management of high cost chronic diseases.
- Innovative approaches to addressing value-based care imperatives.
- ✓ Both

## ➤ Healthcare/Business problem addressed:

1. Currently, ePREOP uses the customized rules engine to provide preoperative testing guidelines, indications for consultations, and patient- and surgery-specific instructions that may improve outcomes and decrease costs of care. Multiple studies suggest that unnecessary "shotgun" preoperative laboratory testing costs anywhere from \$3 billion to \$30 billion per year. Unnecessary consultations and procedures may be even more costly. However, by presenting facility-specific best practice guidelines automatically and within Allscripts Enterprise, ePREOP promotes high quality, value based care without interrupting the existing workflow. In fact, by automatically submitting information for insurance authorization and to the surgical facility, ePREOP improves data accuracy and decreases the administrative burden in many health care offices.
2. Future applications that utilize ePREOP's clinical decision support rules engine will provide the following value-based care imperatives from within Allscripts Enterprise:
  - a) Present radiology best practice testing guidelines whenever tests are ordered.
  - b) Automatically generate Medicare and accountable care preventive medicine screening recommendations.

# Integration Description

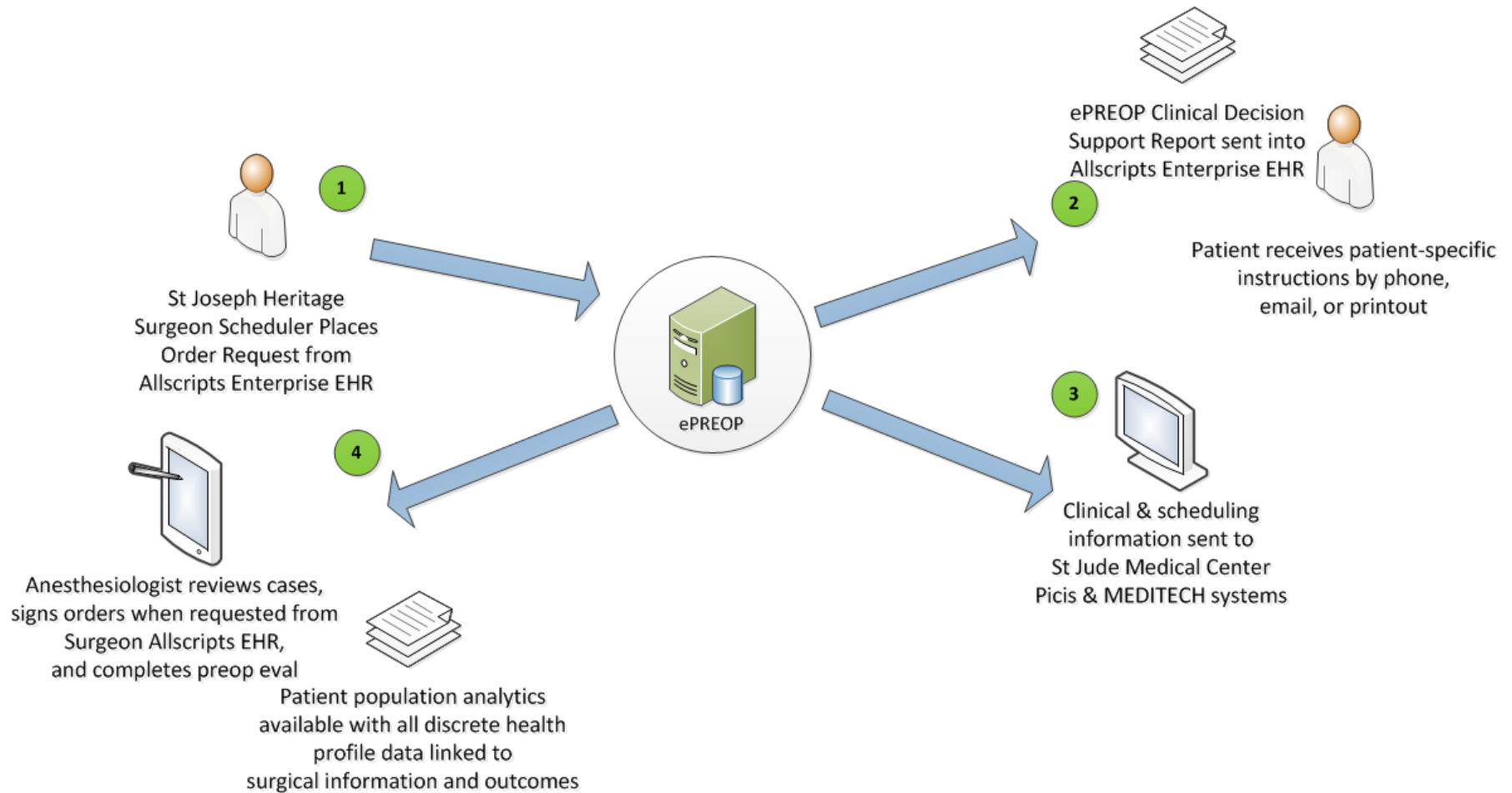
The ePREOP Allscripts module is a custom order request form that can be integrated within Allscripts Enterprise EHR using the IDX web framework and Allscripts Unity API. It can also be used standalone outside of the Allscripts Enterprise EHR using the Allscripts Unity API.

Once integrated, the application is launched from a menu item within the EHR. Once launched the current user and patient context is pulled into the application via the IDX web framework. Upon the custom order request form loading, the Unity web services are called to obtain a patient Continuity of Care Document (CCD), Vital Signs and Active Providers to populate the order form. The user completes the order form and submits the information across to ePREOP. Upon submission, ePREOP runs clinical decision support on the patient health profile to return patient specific instructions, tests and consult indications for use prior to surgical, radiology or other procedures. This CDS information supplies the providers with information to reduce unnecessary tests, reduce case delays and improve clinical outcomes. A clinical decision support report and order request report are sent into the EHR for historical review purposes.

## **The ePREOP Allscripts module utilizes the following frameworks and service methods:**

- IDX web framework
- Custom Stored Procedure Calls
  - Patient Insurance Information
  - Document Filing with Tasks
- Unity Services
  - GetPatientCDA
  - GetProviders
  - GetClinicalSummary
  - SearchPatients

# Solution Architecture



# Video Demonstration

- <http://youtu.be/2RlAkQMZ4zY>
- **The video shows St Joseph Heritage Health and St Jude Medical Center employees describing benefits obtained with the ePREOP-Allscripts integrated platform. Scheduling services, authorization tracking, clinical decision support, and discrete data transfer tools are highlighted.**

# Contact Information

- **To learn more about the ePREOP products and services please contact us at:**
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