

Tools for Empowering Patients at Home

Data Exchange in the Patient Engagement Space

Presenters



**Stephen
Fedewa**

Showroom Technical Services



**Justin
Schneider**

MyChart Care Companion
Software Developer

Agenda

01 Why This Matters

04 Care Companion Care Plans

02 Remote Patient Monitoring with
Devices

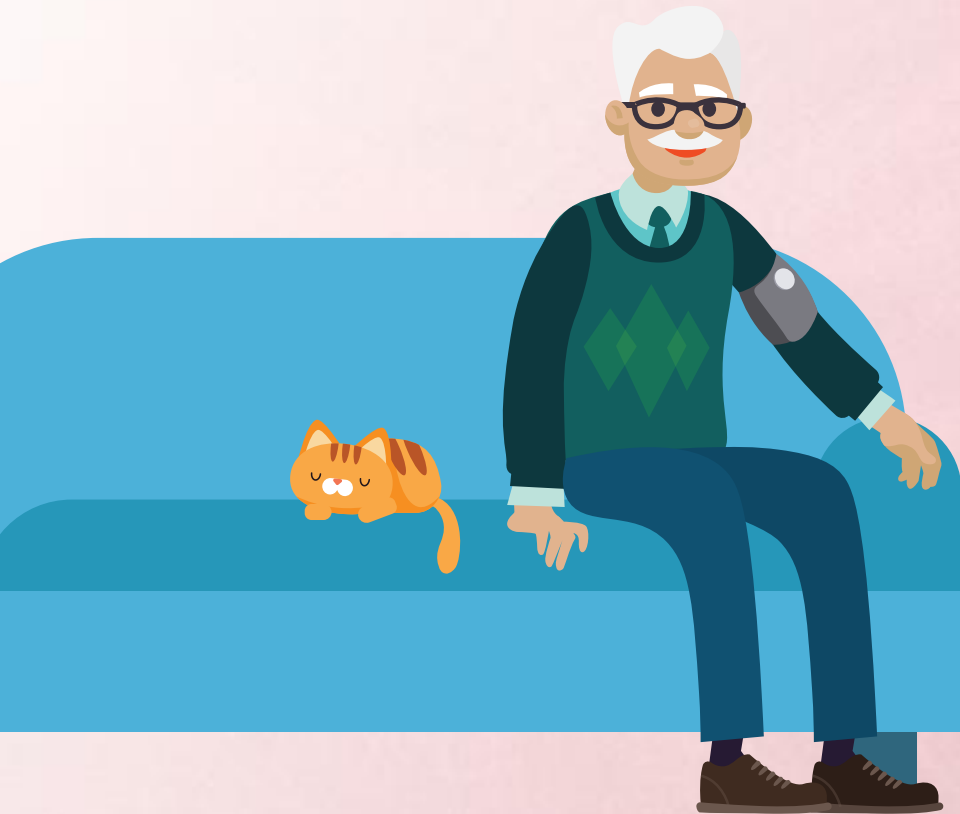
05 Wrap Up

03 Mobile Device Connections

Learning Objectives

1. Value of remote patient engagement
2. Connection opportunities in this space
3. Next steps for getting involved

Why the At-Home Experience Matters



- From “once in a while” to continuous care
- Free up clinic/hospital beds and resources
- Discrete data and patient responses in the medical record



59% drop

In average admissions per patient
In the 6 months following enrollment.

Telemedicine
and e-Health

RPM Playbook

Epic

EpicShare

Epic Research

Cosmos

MyChart

OPEN

UserWeb

SHOWROOM

Get Started ▾

Log In



Data Sharing Playbooks

Data Sharing Playbooks offer practical recommendations for connecting with Epic community members. Each playbook highlights proven approaches to common data sharing use cases, whether supporting patient-directed access, enabling providers to deliver whole-person care, or improving operations. By leveraging open standards, these playbooks help innovators accelerate safe, reliable connections.



All Playbooks



Patient Access



Provider
Workflows



Operational
Efficiency

Supporting patient-directed access and sharing of their record.

Remote Patient Monitoring with Devices

Patients are monitored from home and submit data to Epic flowsheets such as vitals, via direct device connection with the Bluetooth® Generic Health Sensor or software connections with APIs and interfaces.





Epic TOOLBOX 2025

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Remote Patient Monitoring with Devices

RPM with devices enables providers to monitor and manage their patients' chronic conditions. Devices that are distributed to a patient gather patient-generated health data such as blood pressure, heart rate, or weight. Data is sent back to Epic from the device into flowsheets. Clinicians review the data in Hyperspace and take appropriate follow-up actions.

For vendors, [request a listing](#) for your product.
Find ways to connect your product with [open.epic.com](#).

Search By

ProductsBlueprint Categories

Products > Remote Patient Monitoring with Devices

Category Area

☐ Access & Revenue Cycle☐ Acute & Inpatient Care☐ Advancing Medicine☐ Analytics, Insights, & Discovery☐ Clinical Decision Support

Categories

Community Resource Network (CRN) 2

Remote Patient Monitoring with Devices 2

Product Designation

☐ Connection Hub☒ Toolbox / Workshop

Sort: Category (A-Z) ▾

Search...

FILTER BY

Remove All ×Remote Patient Monitoring with Devices ×Toolbox / Workshop ×

REMOTE PATIENT MONITORING WITH DEVICES
CareSimple
by CareSimple

REMOTE PATIENT MONITORING WITH DEVICES
Current Health RPM
by Best Buy Health

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MyChart Care Companion Care Plan Content

Importable care plans for use in MyChart Care Companion. A care plan comprises modules of patient-assigned tasks, which are delivered to patients as periodic reminders. These tasks consist of things such as reading education materials, responding to questionnaires, performing periodic symptom check-ins, or taking measurements such as weight or blood pressure.

For vendors, [request a listing](#) for your product.
Find ways to connect your product with [open.epic.com](#).

Search By

ProductsBlueprint Categories

Products > MyChart Care Companion Care Plan Content

Category Area

☐ Access & Revenue Cycle☐ Acute & Inpatient Care☐ Advancing Medicine☐ Analytics, Insights, & Discovery☐ Clinical Decision Support

Categories

Contact Center Productivity Tools 3

Customer Relationship Management 3

Importable Content 1

Interpretation Services 7

MyChart Care Companion Care Plan Content 1

Patient Feedback & Insights 2

Remote Interpretation over Telehealth

Sort: Category (A-Z) ▾

Search...

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Remove All ×MyChart Care Companion Care Plan Content ×Toolbox / Workshop ×

MYCHART CARE COMPANION CARE PLAN CONTENT
SeamlessMD Care Plan Content
by SeamlessMD

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Remote Patient Monitoring with Devices

For RPM software vendors & device manufacturers



RPM with Devices

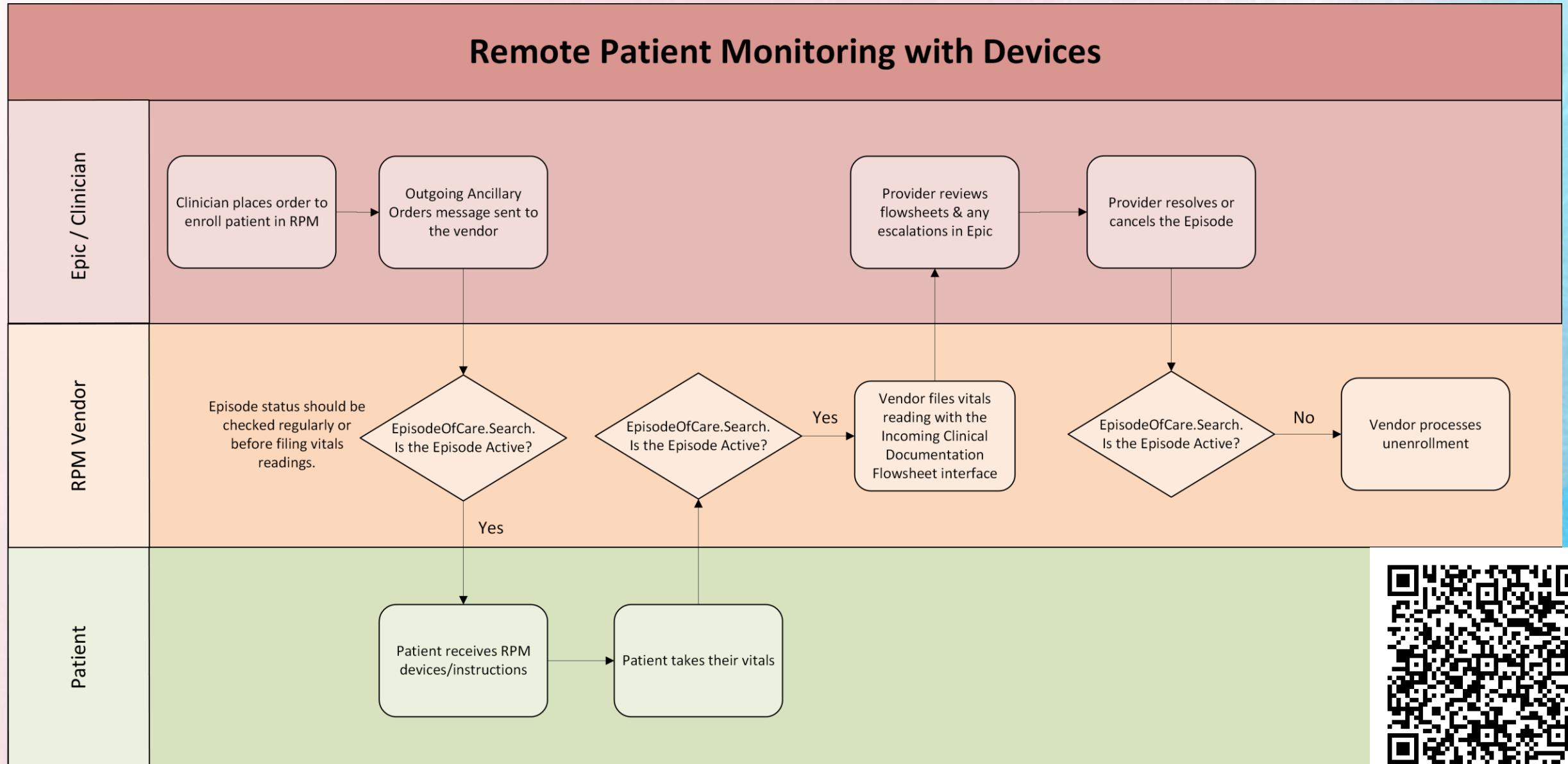
For RPM software vendors & device manufacturers

- Monitor chronic conditions from home
- Device data written to flowsheets
 - Provider reviews data in Epic & escalates as needed
 - Automate RPM billing (CPT codes 99453 & 99454)
- Public HL7v2 Interfaces & FHIR APIs



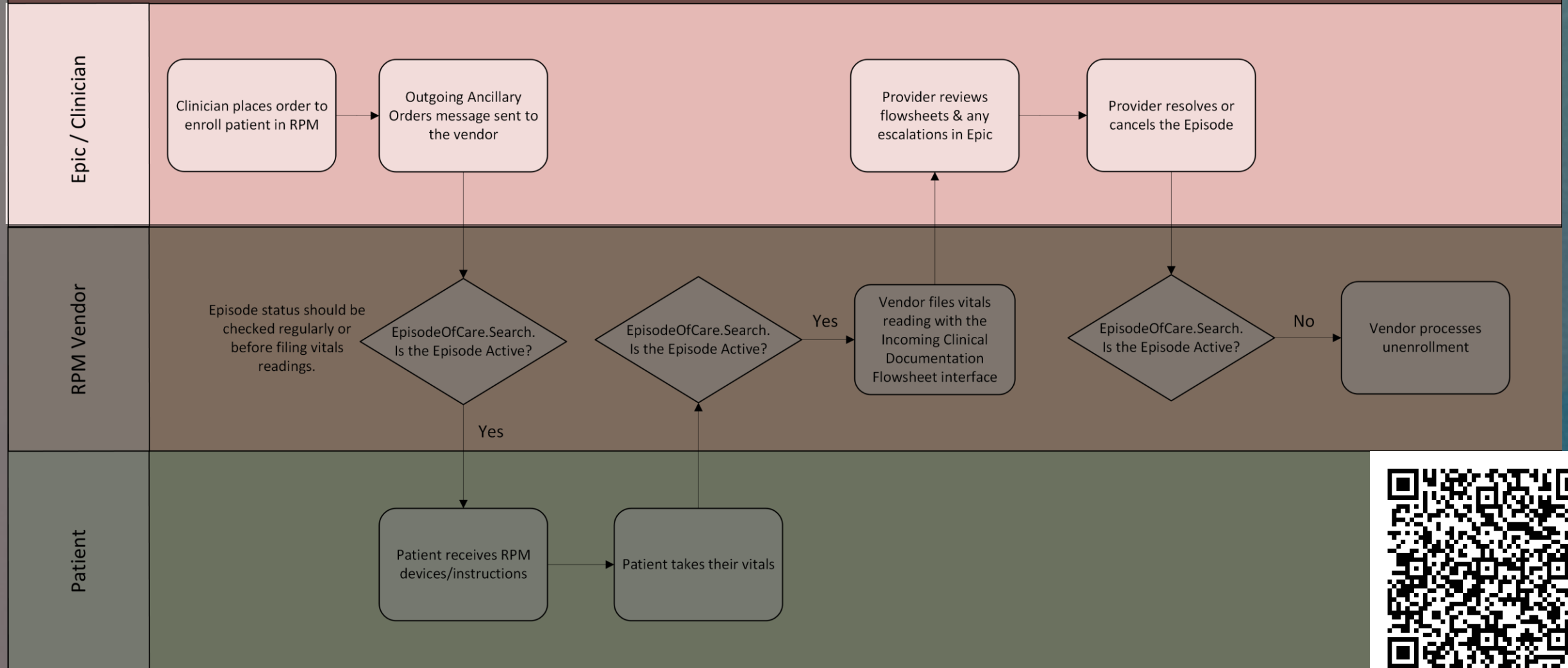
RPM Workflow

Remote Patient Monitoring with Devices



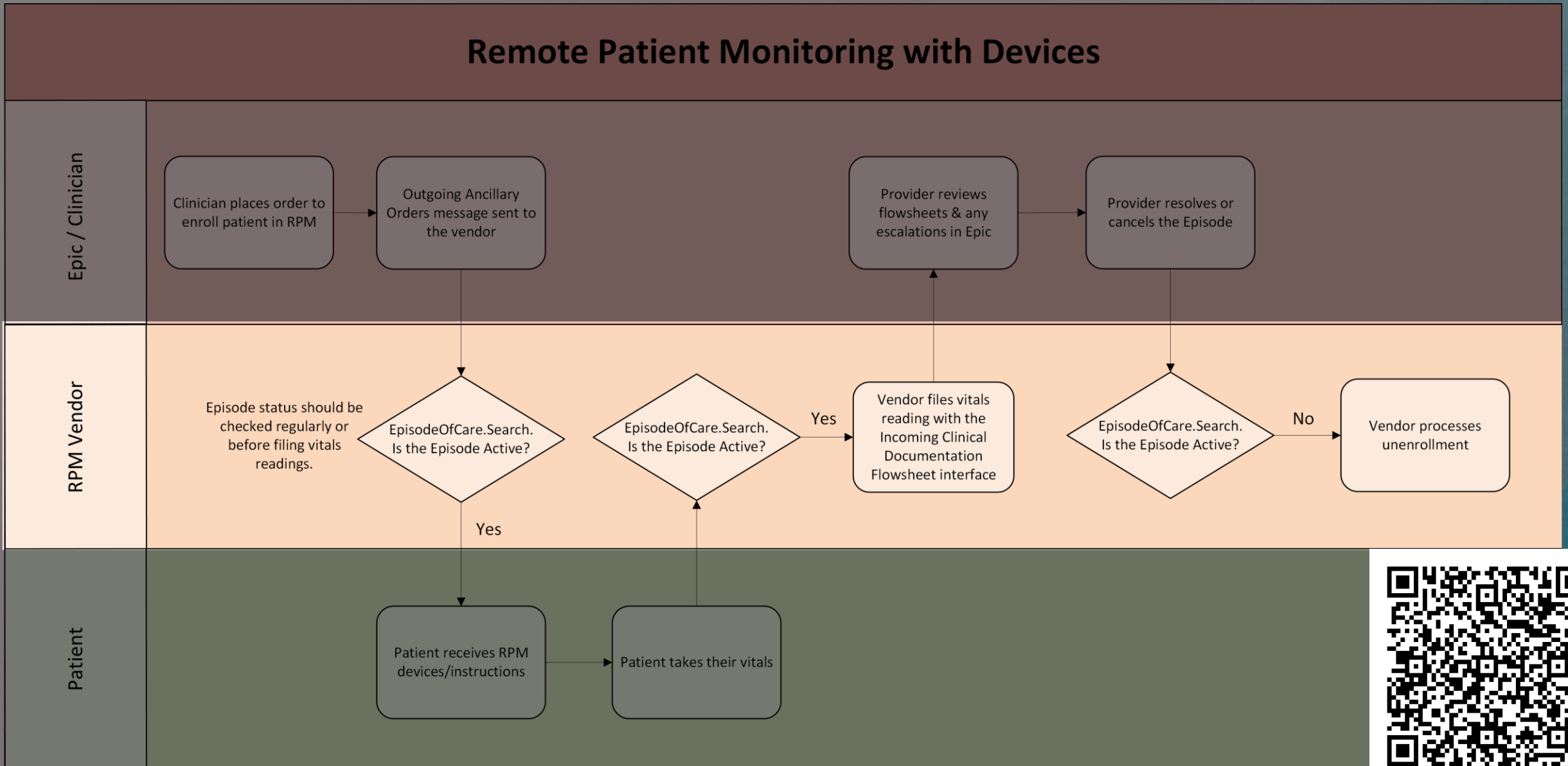
RPM Workflow

Remote Patient Monitoring with Devices



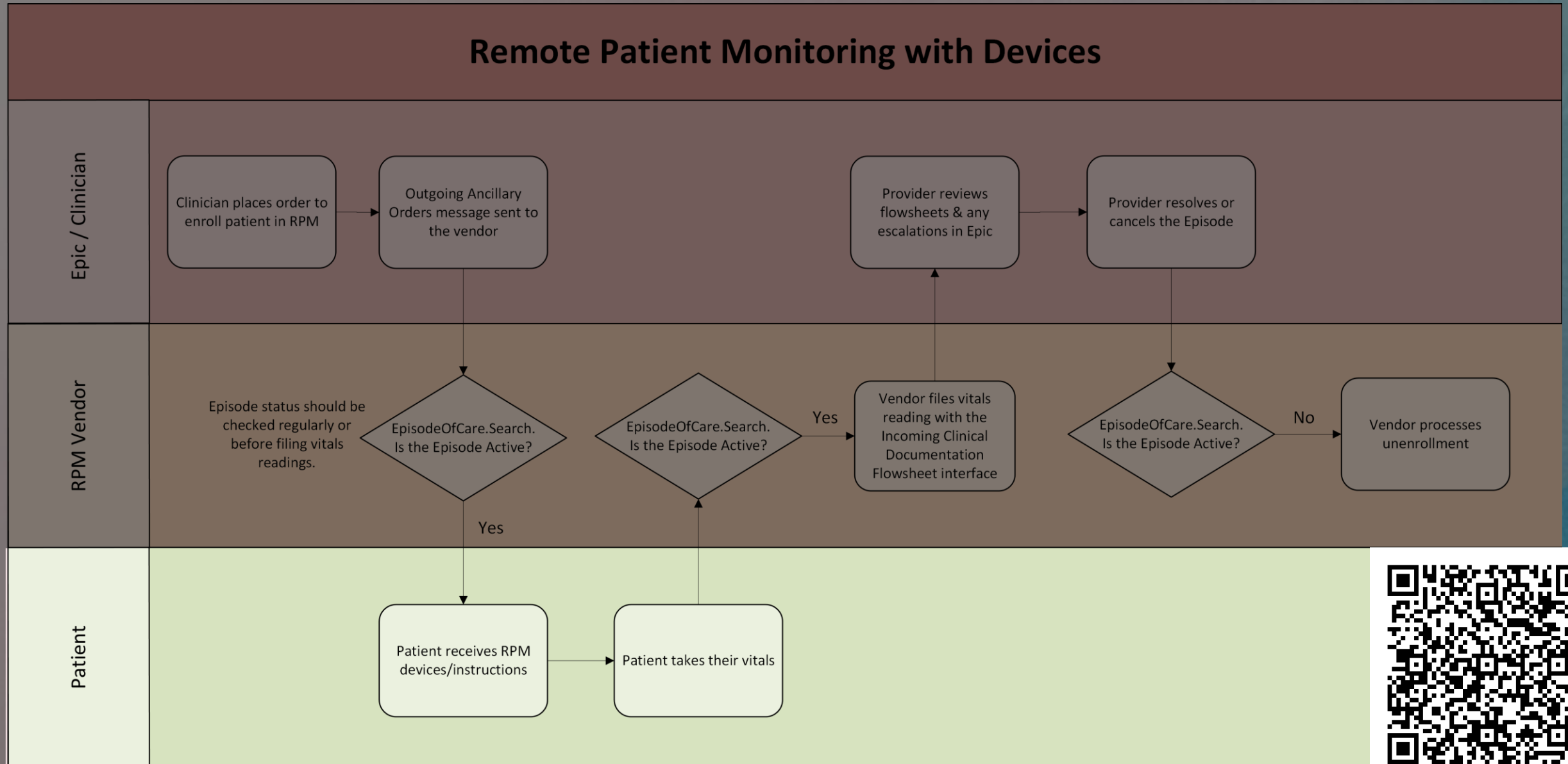
RPM Workflow

Remote Patient Monitoring with Devices



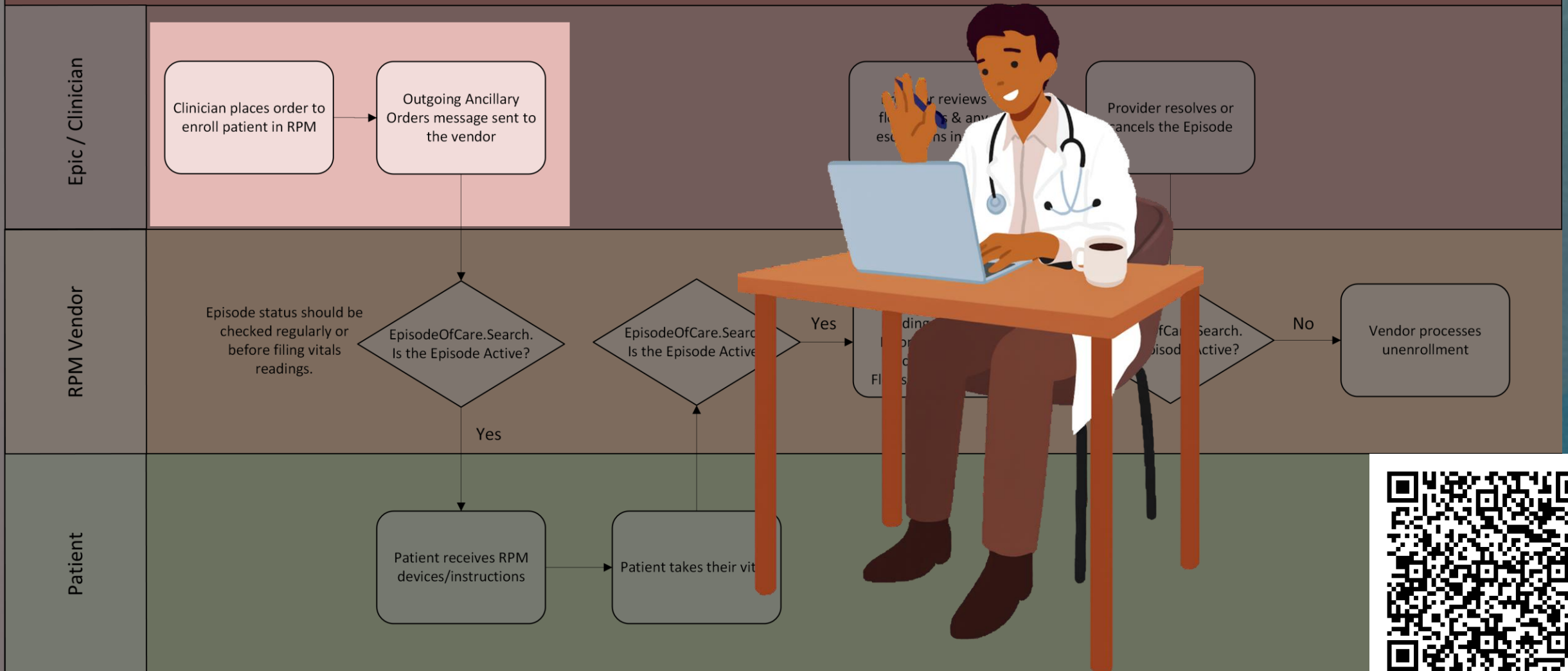
RPM Workflow

Remote Patient Monitoring with Devices



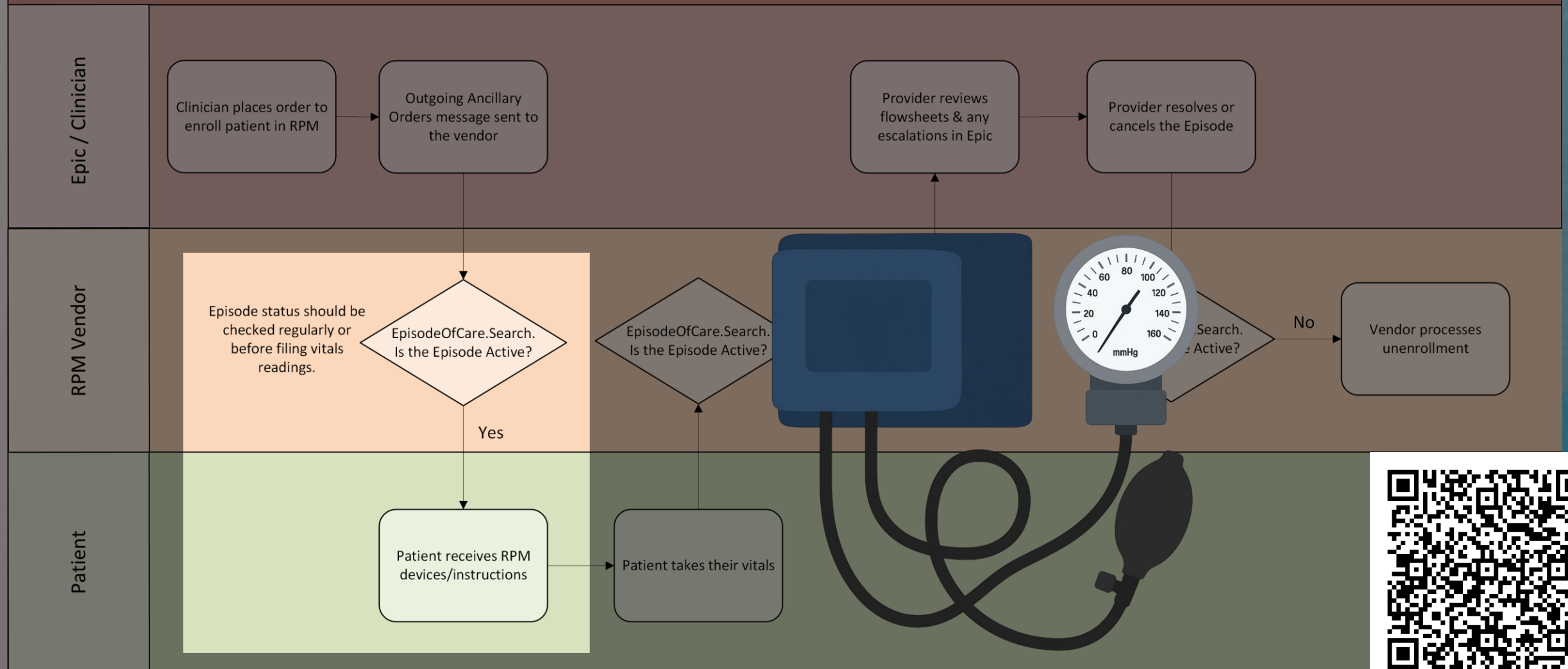
RPM Workflow

Remote Patient Monitoring with Devices



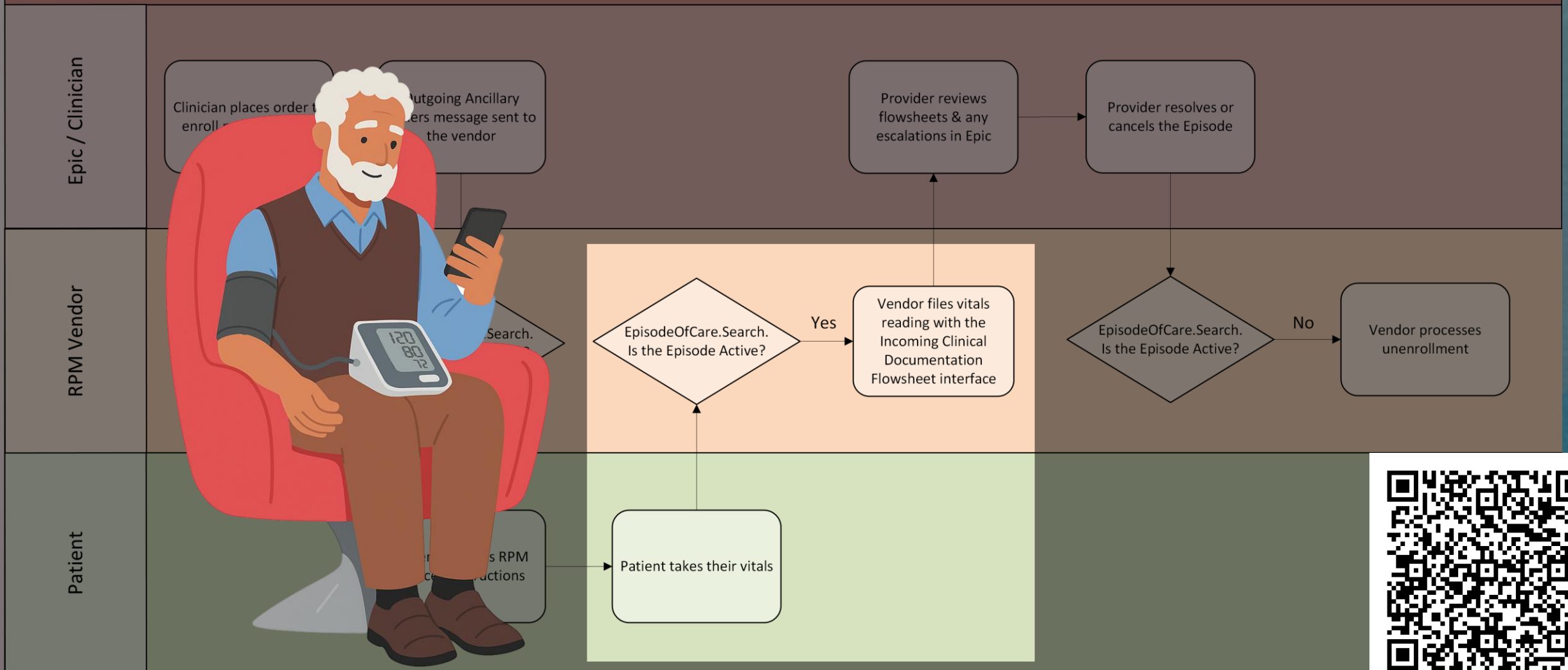
RPM Workflow

Remote Patient Monitoring with Devices



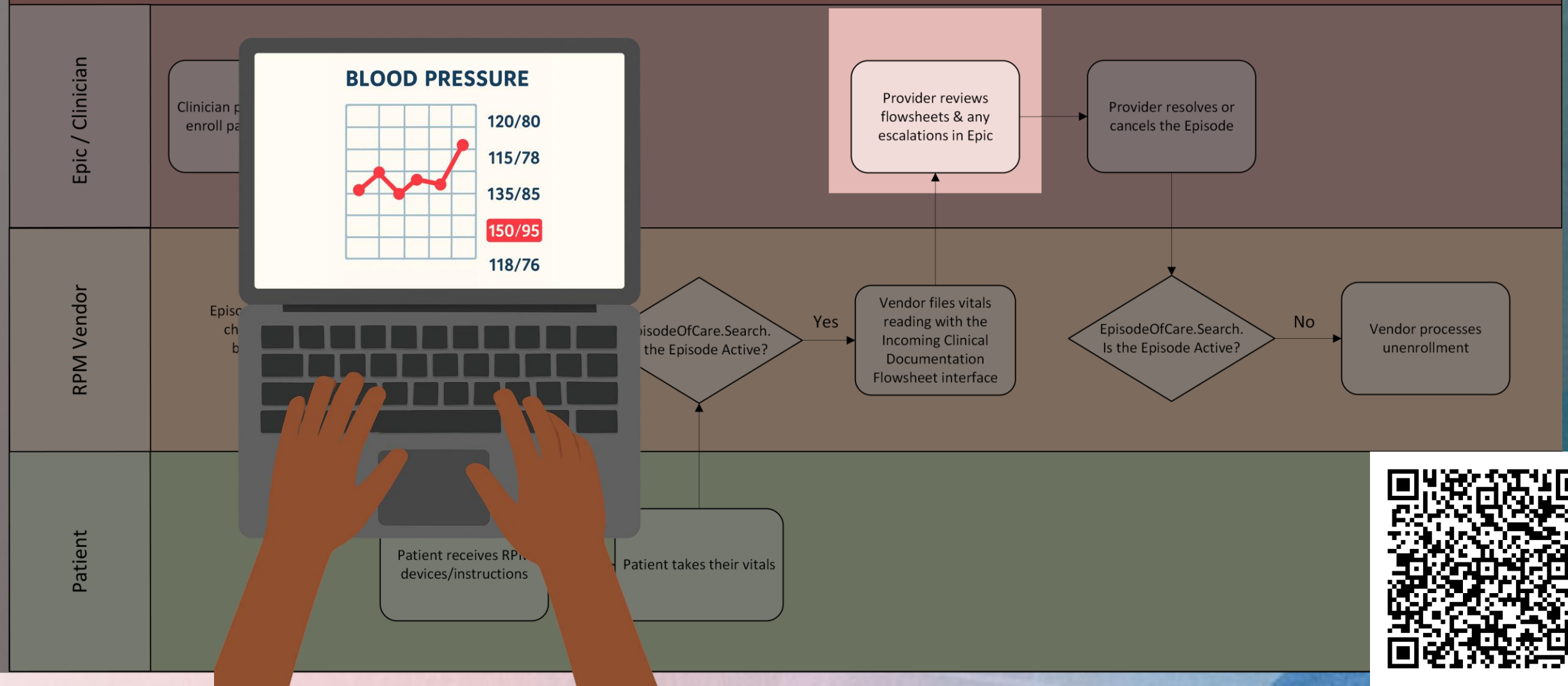
RPM Workflow

Remote Patient Monitoring with Devices



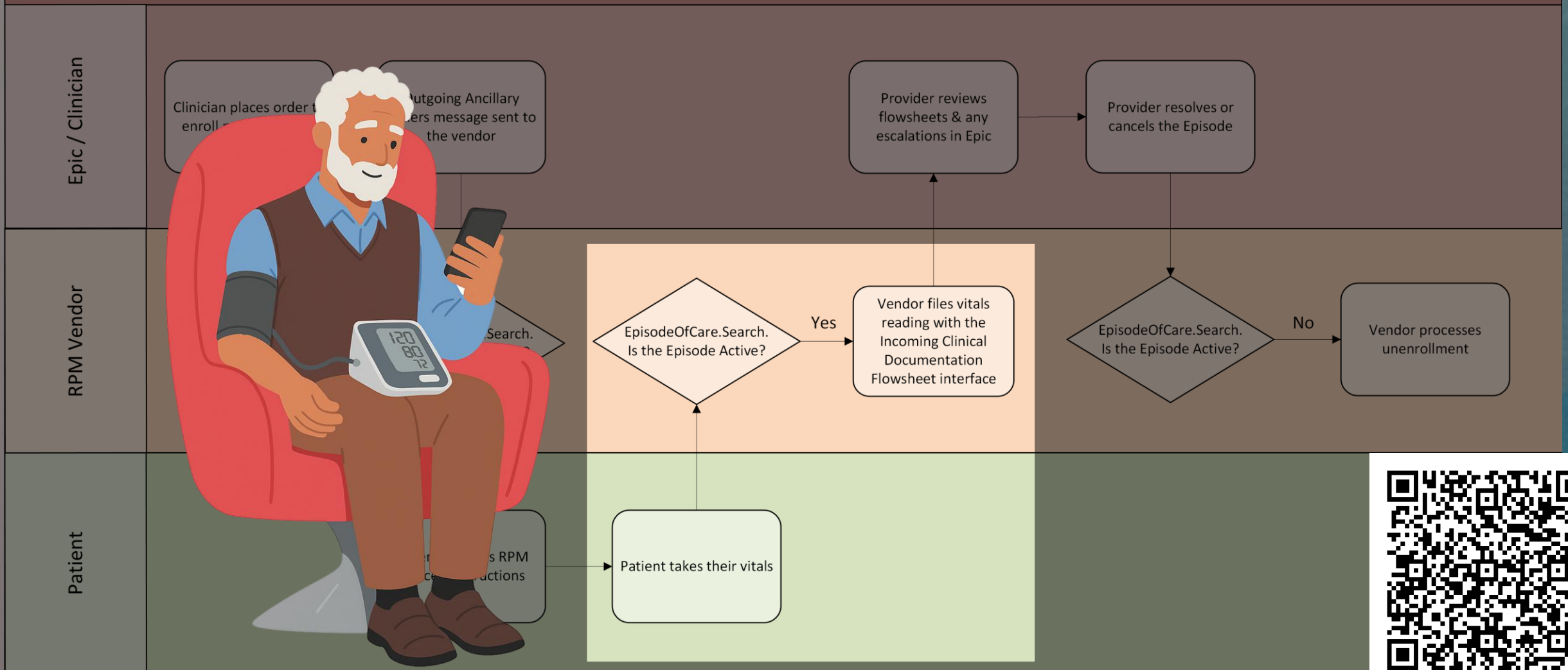
RPM Workflow

Remote Patient Monitoring with Devices



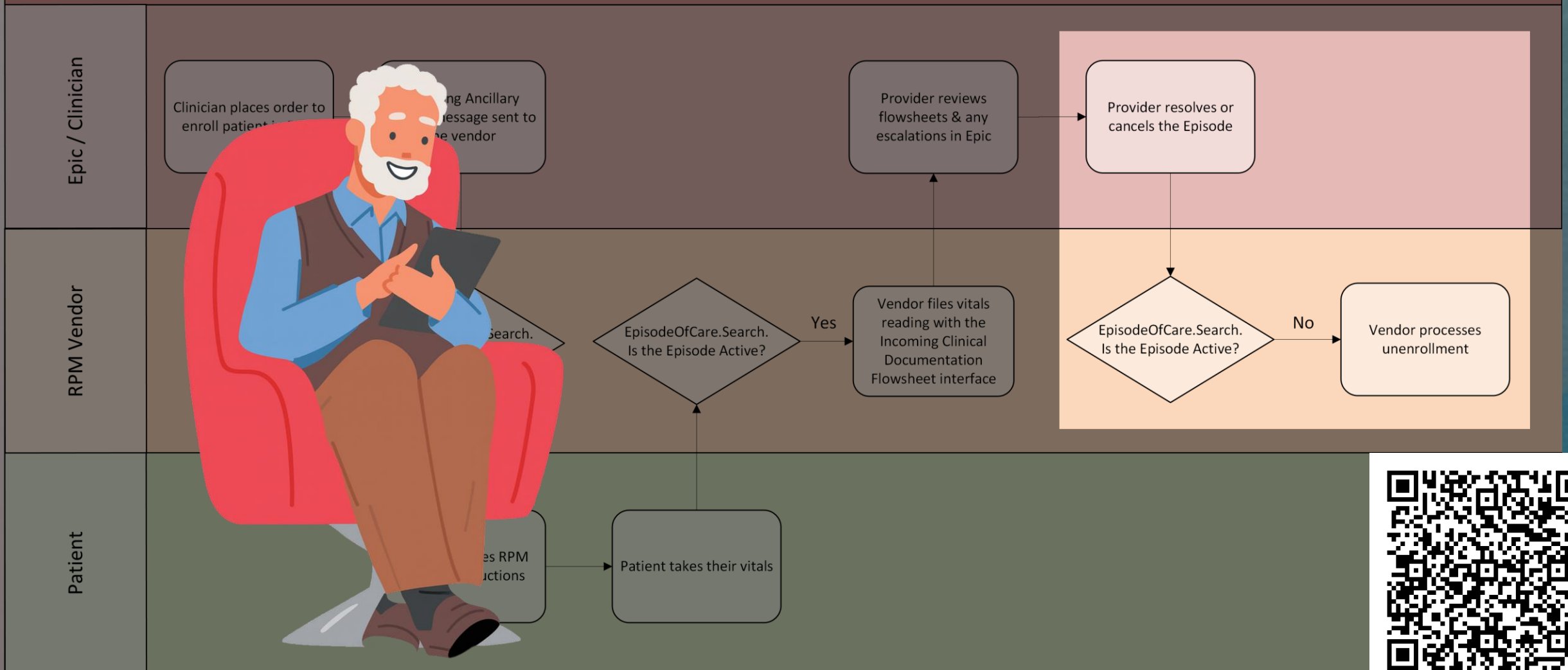
RPM Workflow

Remote Patient Monitoring with Devices



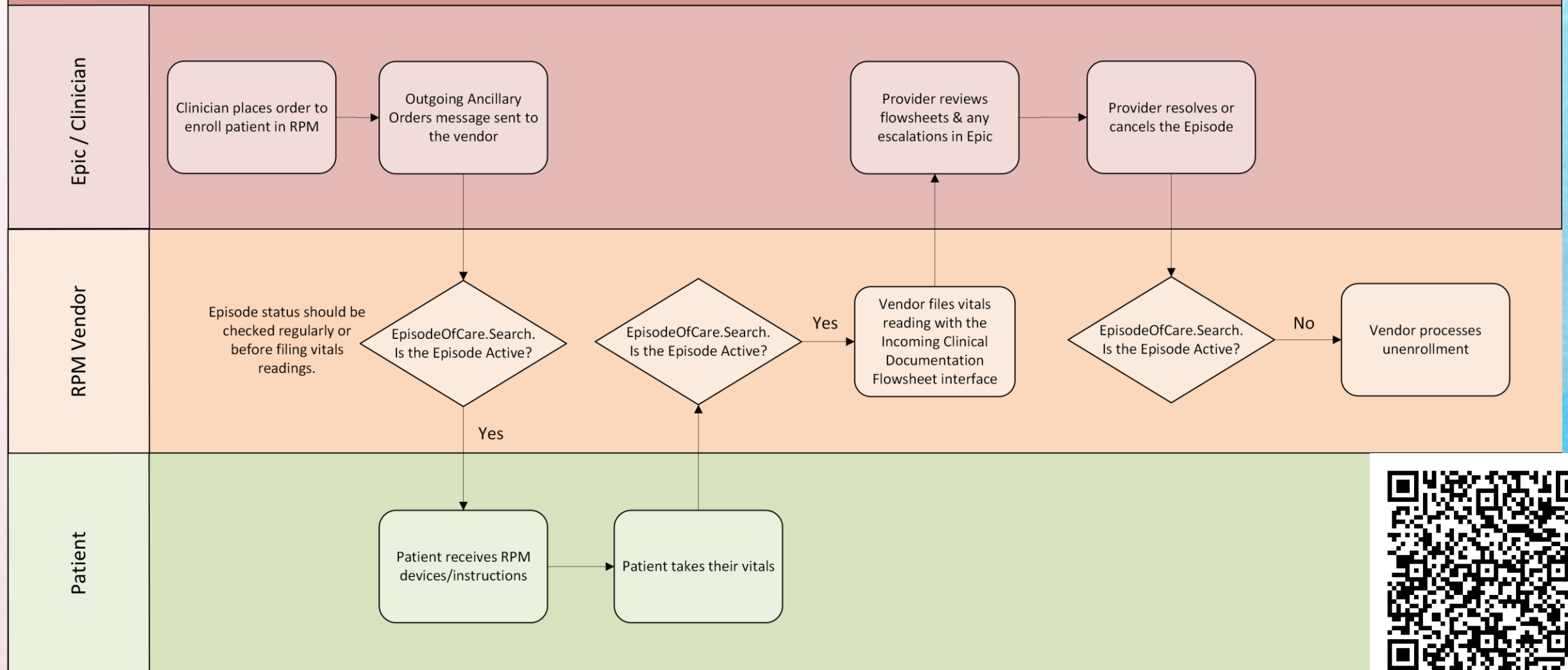
RPM Workflow

Remote Patient Monitoring with Devices



RPM Workflow

Remote Patient Monitoring with Devices



Patient-Entered Data

- FHIR Observation.Create API
- Use with a patient-facing UI
 - Authenticated with the patient's MyChart Credentials
- Flag for manually-entered data
 - Device-entered data is seen as more accurate and reimbursable.



Home Dialysis

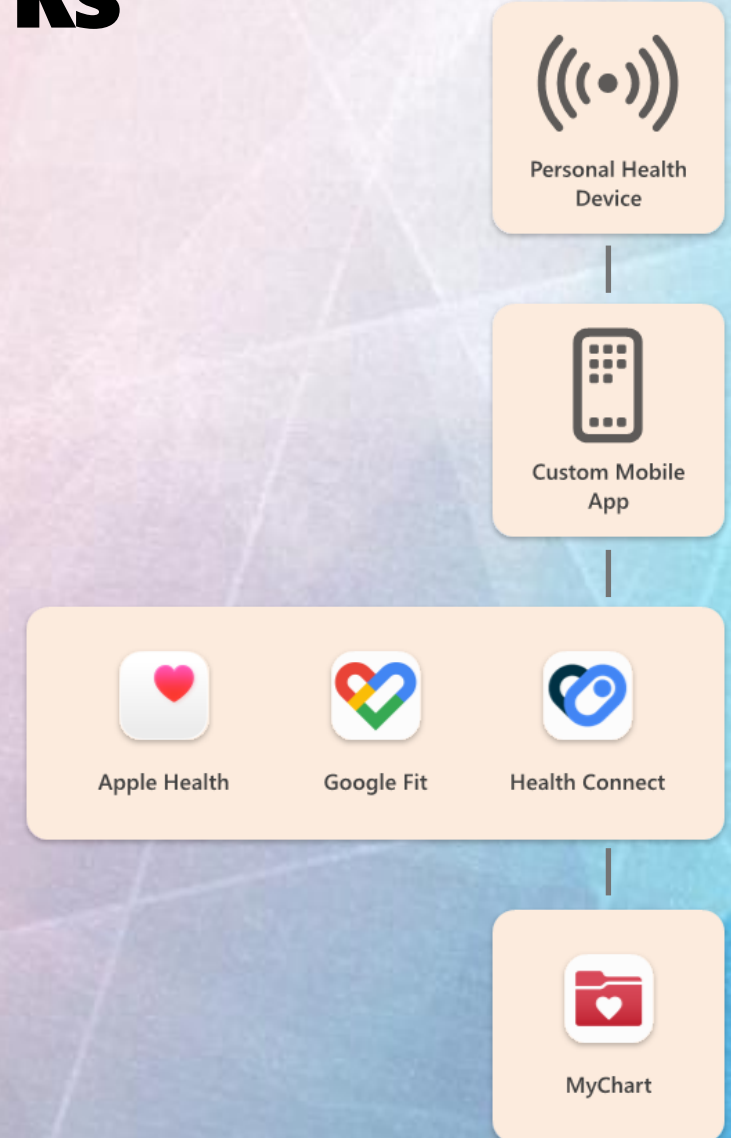


Device Connections in MyChart Mobile

For device manufacturers

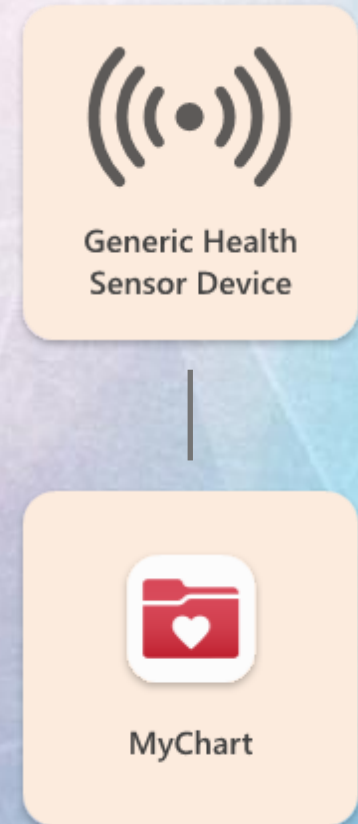
Mobile Health Data Frameworks

- Apple HealthKit, Google Fit, Google Health Connect
- Data from the device is retrieved by a custom mobile app and written to the health data framework
- MyChart reads the data and files it to Epic
- Hundreds of millions of readings already filed in 2025



Direct Bluetooth® Device Connections

- Generic Health Sensor (GHS) Profile
 - Published by the Bluetooth® Special Interest Group
 - Specifies how to communicate observations from Personal Health Devices
- GHS devices can be connected directly to MyChart



Designing GHS Devices

- Review the specification on open.epic.com for GHS Device Integration with MyChart
- Test devices with MyChart by partnering with a healthcare organization or via the Vendor Services sandbox



Bluetooth® Generic Health Sensor Device Integration with MyChart

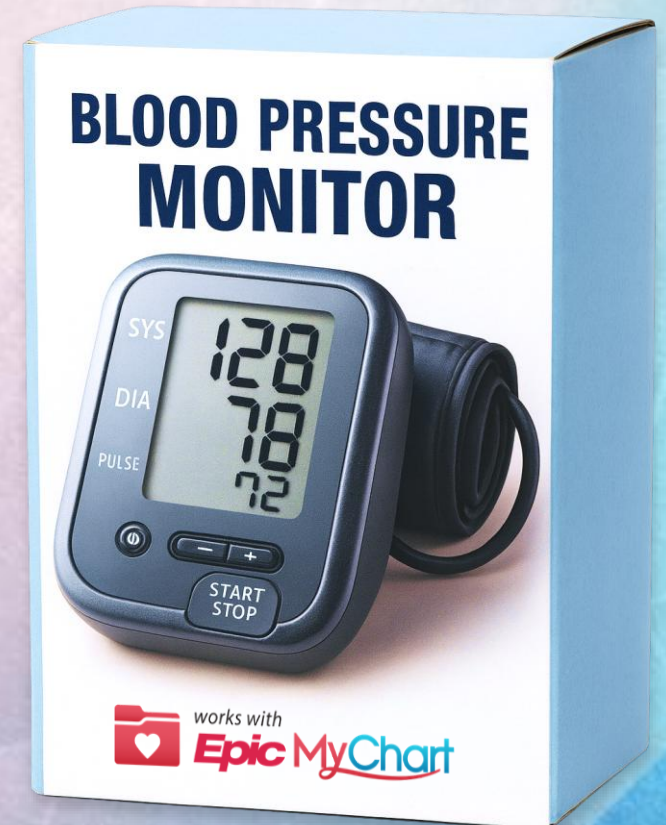
Description

This specification outlines the expected behavior for Bluetooth® Personal Health Devices (PHD) using the [Health Sensor Profile](#) v1.0 to integrate with the MyChart mobile app.

... for patients with an active l

Works with Epic MyChart

- New branding badge for GHS devices that conform to the open.epic specification
- If you are interested in adding this badge to a GHS device, contact us at VendorServices@epic.com



Care Companion Care Plan Content

Education Content Providers



MyChart Care Companion

Overview



A structured set of tasks and content for patients



Includes symptom tracking, medication reminders, education, and more



Through our Vendor Services program, follow an XML specification to build importable Care Plans.



Rowan

65 years old | retired construction worker | former smoker



Rowan

65 years old | retired construction worker | former smoker

Symptoms

Shortness of breath

Persistent cough
and wheezing

Whole-body fatigue

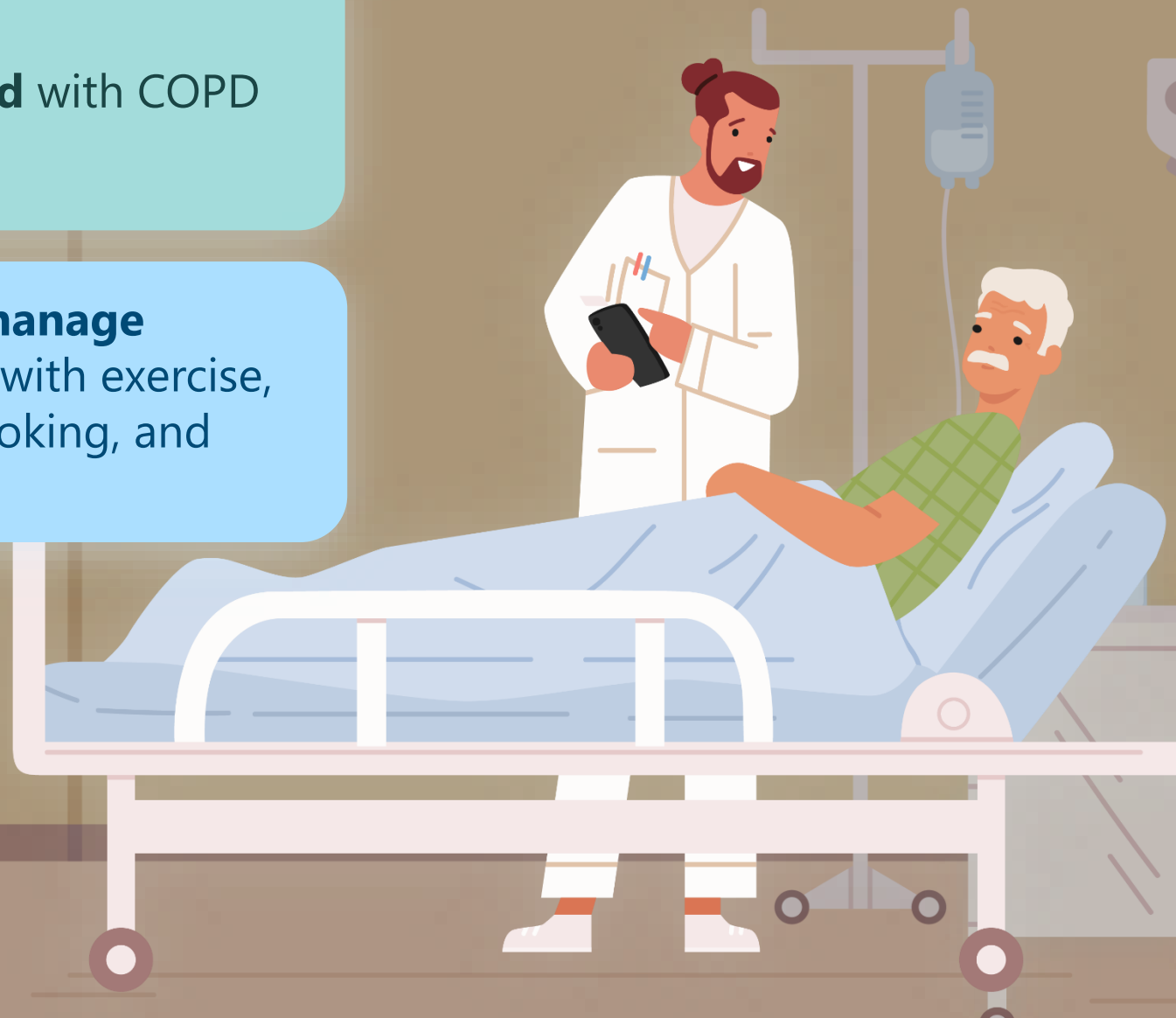




Diagnosed with COPD






Needs to manage symptoms with exercise, quitting smoking, and medication



Care Plan




Rowan may be a good candidate for the **Chronic Obstructive Pulmonary Disease (COPD) Care Plan**. The care plan is intended to help guide identified patients towards improving modifiable risk factors.


-  Patient education for symptom management
-  Daily readings from home blood oximeter
-  Review readings at follow-up appointment

Add care plan

Not a good candidate

Not now

 Accept

 Cancel



Enrollment Options



Provider Assigned



Auto-Enrollment



Self-Enrollment



Bulk Enrollment

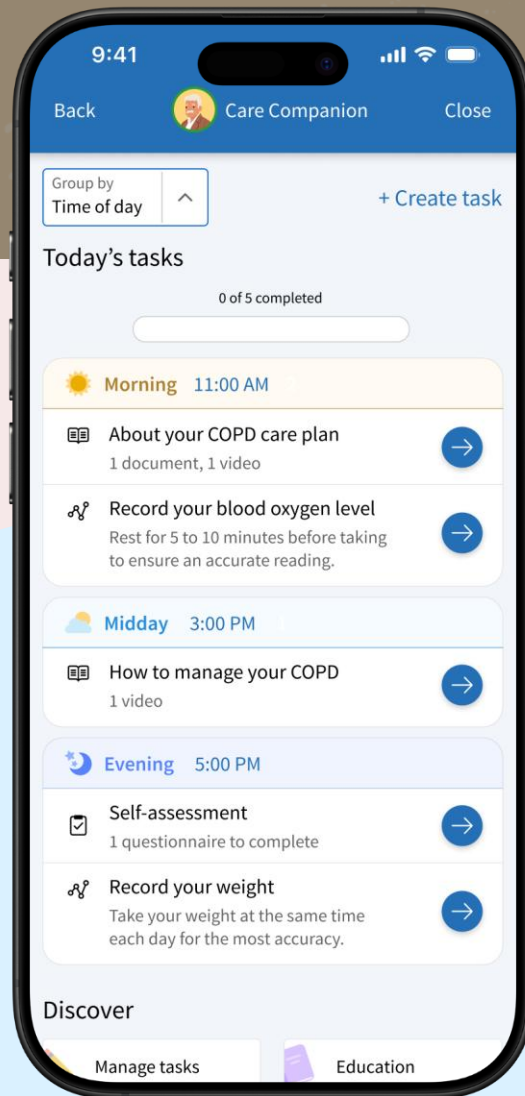
Onboarding



An illustration of a hand holding a smartphone. The phone's screen displays the 'MyChart Care Companion' logo. The background features a light blue surface, a pinkish-white wall, and two potted plants with green leaves in brown pots.

MyChart
Care
Companion

Care Companion



Questionnaires



Education



Medications



Flowsheets

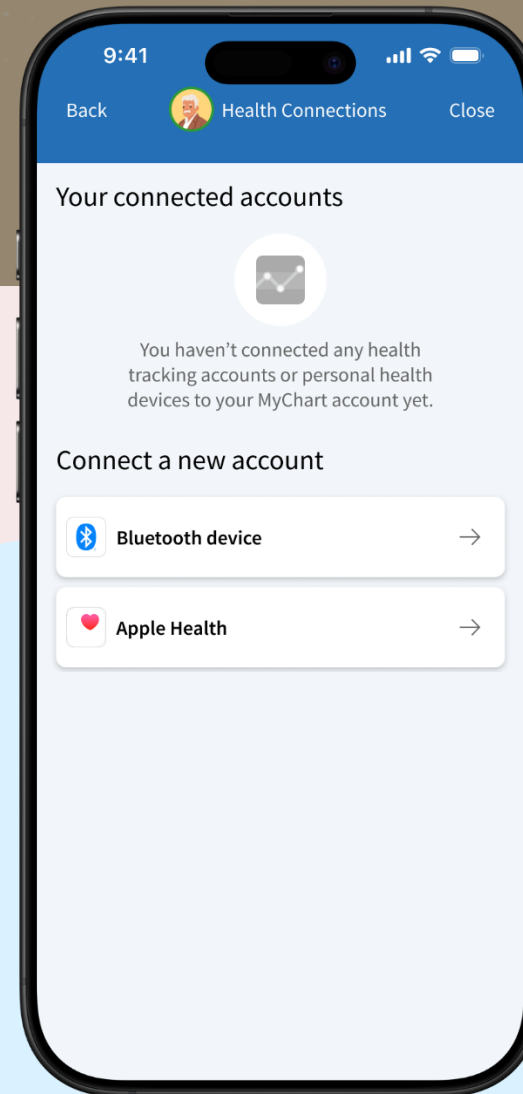
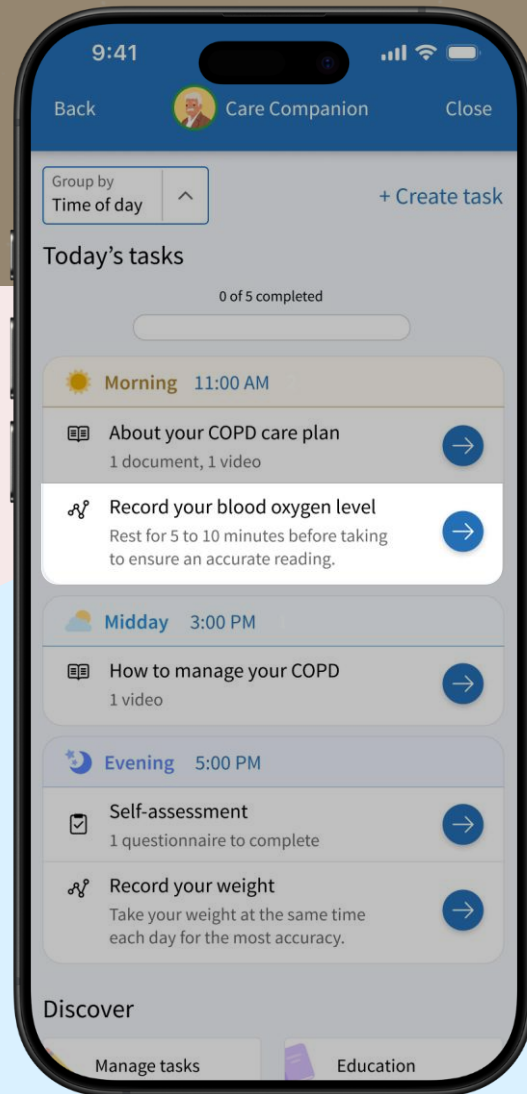


General



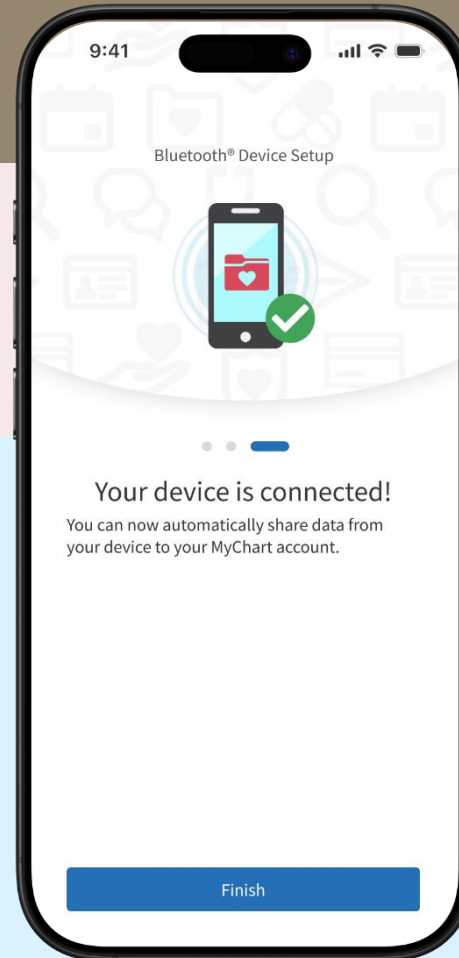
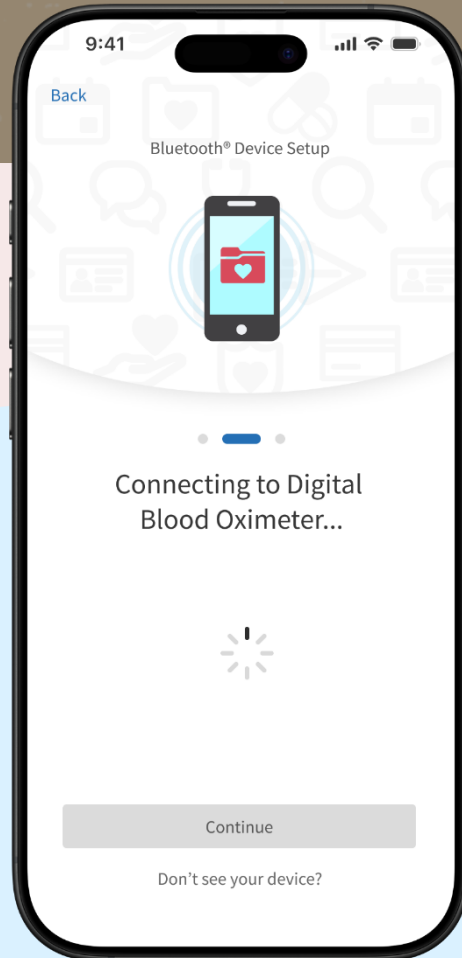
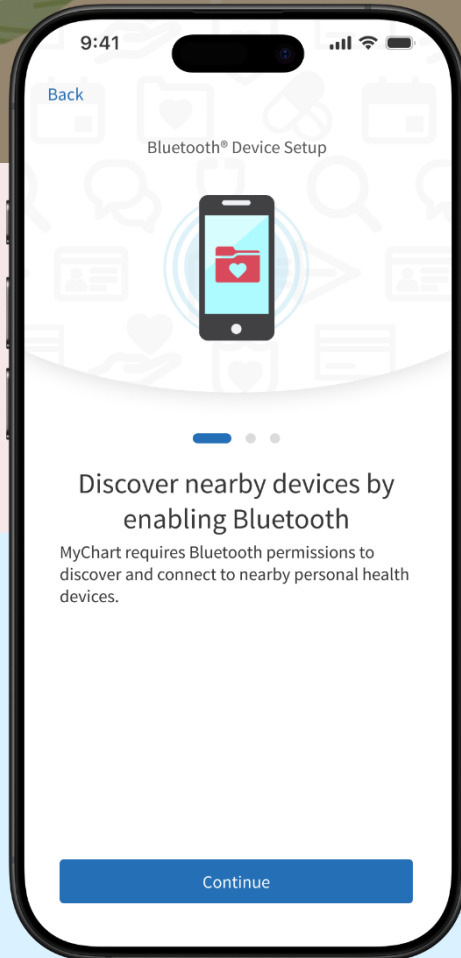
Video Visit

Taking readings

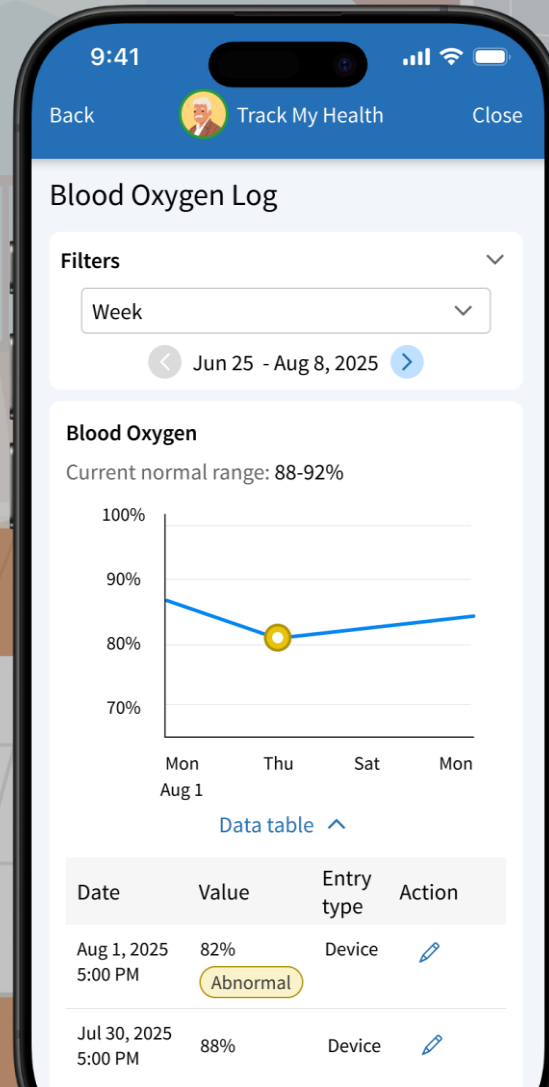
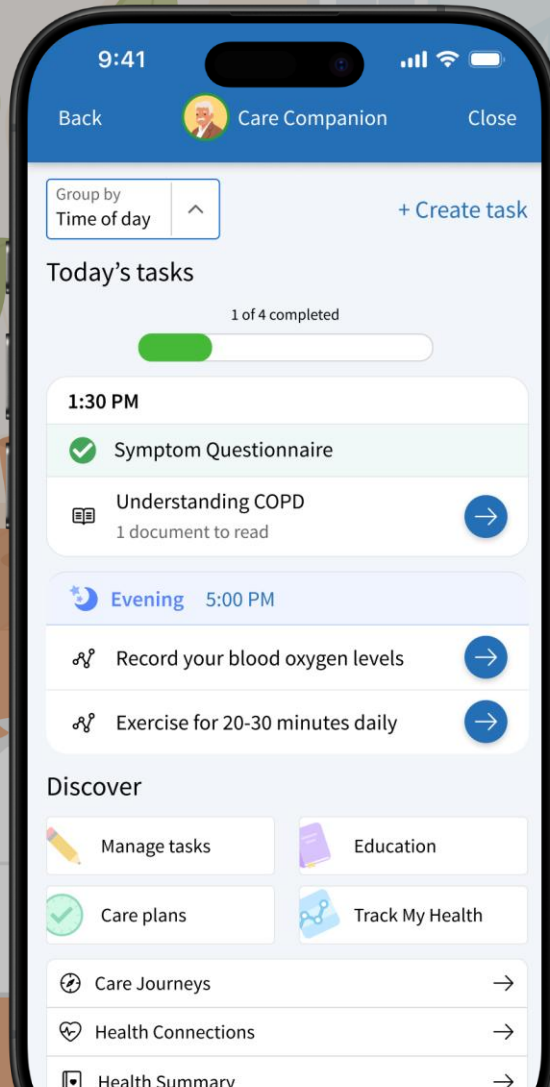


Connecting a Device

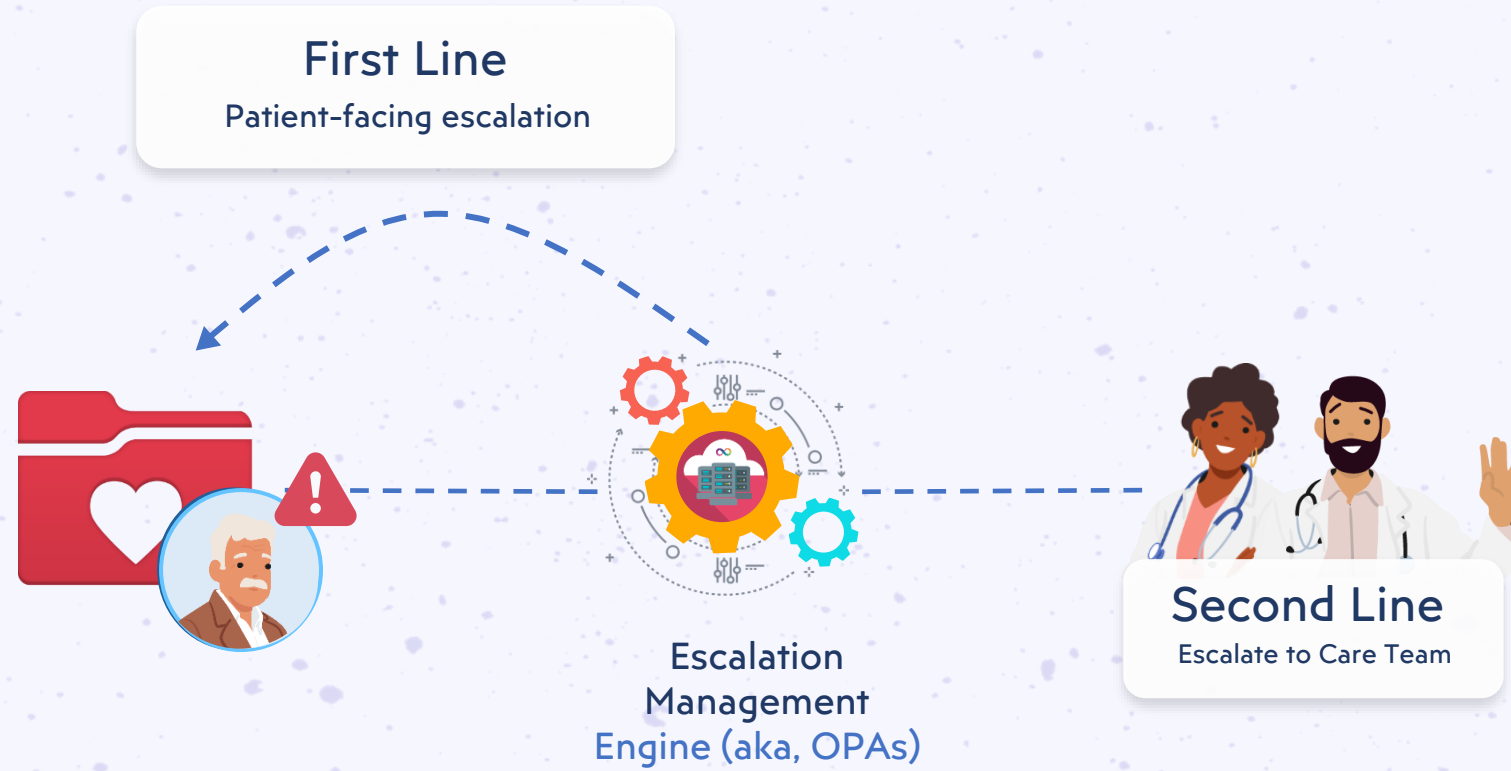
to automatically sync measurements



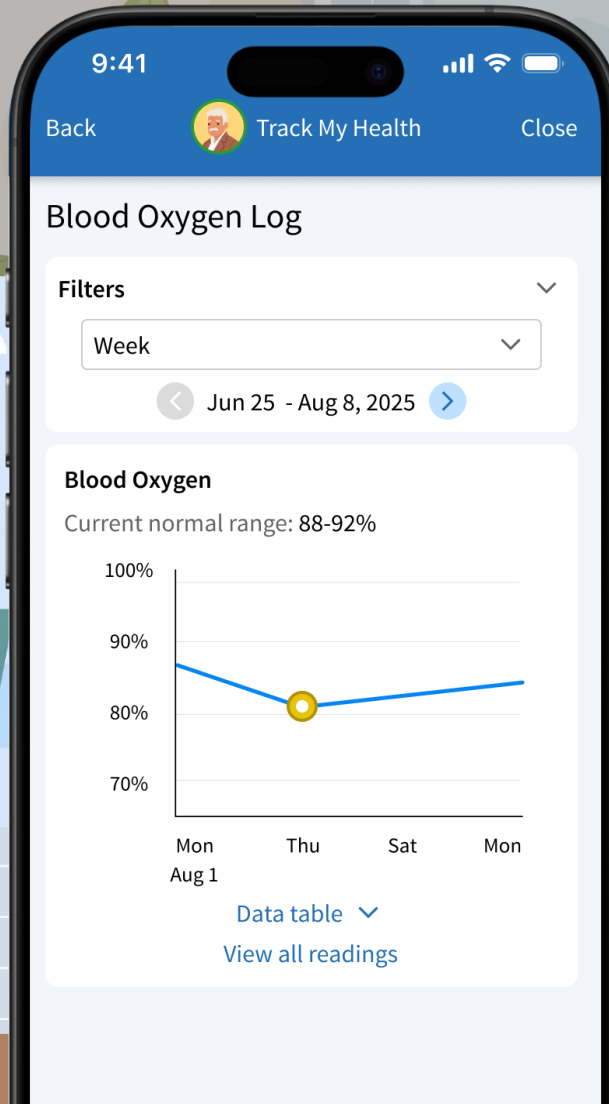
Hospital to Home




Escalations



Video Visit



5:15

 273-21


EMC Health: It's time to record your blood oxygen levels. Use your smart device to automatically complete the task.

Reply STOP to opt out of SMS updates.

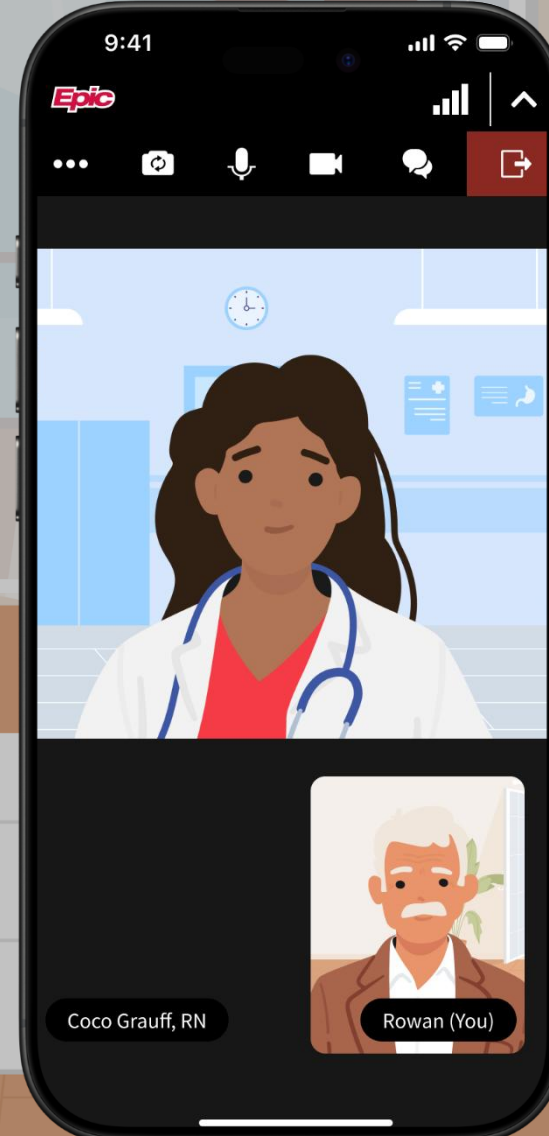
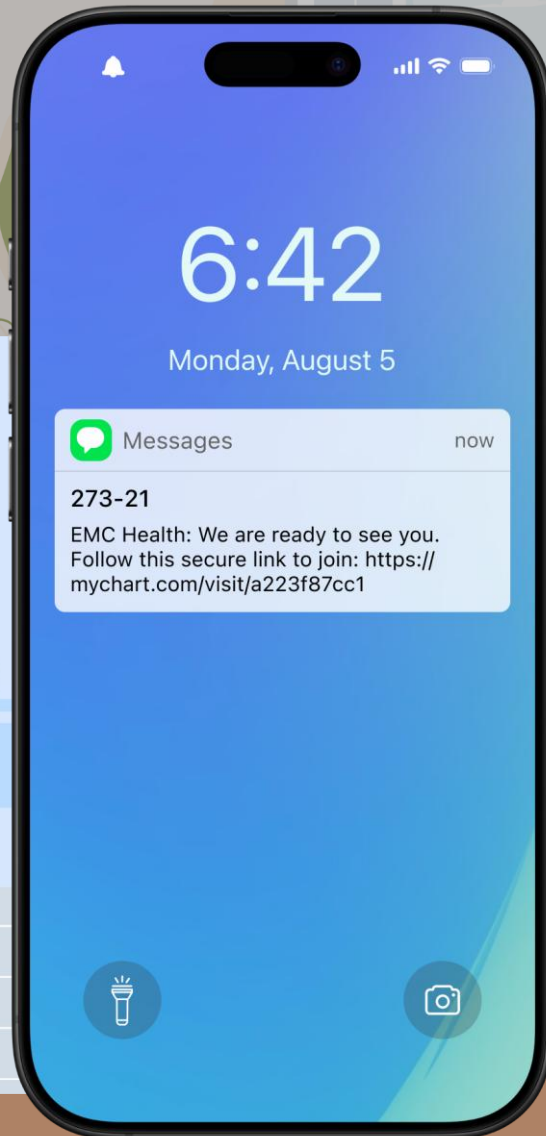
EMC Health: Based on your last readings, we've added some tasks for you today.

EMC Health: Would you like to join a video visit to discuss these changes? Current wait time is 5 minutes.

Reply YES to join queue.



Video Visit





Care Plan Outcomes



BAPTIST HEALTH

Hypertension care plan participants saw

10-11 mmHg drop

in systolic pressure and

3-4 mmHg drop

in diastolic pressure. On par with
adding a new medication



75%

of orthopedic surgery patients reported they were **extremely satisfied** with the educational videos provided to them.

85%




reported feeling moderately or **extremely prepared** for their surgeries.

HealthTECH
Magazines



Wrap Up

Summary

Category	Audience	Technology
 <p>Remote Patient Monitoring & Home Dialysis</p>	<ul style="list-style-type: none"> • RPM software vendors • Device manufacturers 	<ul style="list-style-type: none"> • Public HL7v2 Interfaces • Public FHIR APIs
<p>Mobile Health Data Frameworks</p>	<ul style="list-style-type: none"> • Mobile app developers 	<ul style="list-style-type: none"> • Public Apple / Google APIs
 <p>Bluetooth® Device Connections</p>	<ul style="list-style-type: none"> • Device Manufacturers 	<ul style="list-style-type: none"> • Public Bluetooth® Generic Health Sensor profile and open.epic spec
 <p>MyChart Care Companion Care Plans</p>	<ul style="list-style-type: none"> • Educational / patient-facing content vendors 	<ul style="list-style-type: none"> • Private XML specification (Vendor Services required)

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After Visit Summary, ASAP, Aura, Beacon, Beaker, Beans, BedTime, Best Care Choices for My Patient, Bones, Break-the-Glass, Buggy, Caboodle, Cadence, Canto, Care Everywhere, Charge Router, Cheers, Chronicles, Clarity, Cogito ergo sum, Cohort, Comfort, Community Connect, Compass Rose, Cosmos, Cosnome, Cupid, Discovery, Epic, EpicCare, EpicCare Link, Epicenter, EpicShare, EpicWeb, Epic Earth, Epic Nexus, Epic Research, Garden Plot, Grand Central, Haiku, Happy Together, Healthy Planet, Hello World, Hey Epic!, Hyperdrive, Hyperspace, Kaleidoscope, Kit, Limerick, Lucy, Lumens, MyChart, Nebula, OpTime, Phoenix, Powered by Epic, Prelude, Radar, Radiant, Resolute, Revenue Guardian, Rover, Share Everywhere, SmartForms, Sonnet, Stork, System Pulse, Tapestry, Trove, Welcome, Willow, Wisdom, With the Patient at Heart, and WorldWise are registered trademarks, trademarks, or service marks of Epic Systems Corporation in the United States of America and/or other countries. Other company, product, and service names referenced herein may be trademarks or service marks of their respective owners.

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