

Better Data
Better Workflows
Better Decisions
Better Outcomes
Better Healthcare.



rimidi
Time for Better.



Managing Postpartum Hypertension with Rimidi's FHIR-Enabled Cardiometabolic Management Platform



Dr Lucienne Ide, MD, PhD
CEO, Rimidi



One Platform, Multiple Clinical Use-Cases

Disease States:

Diabetes

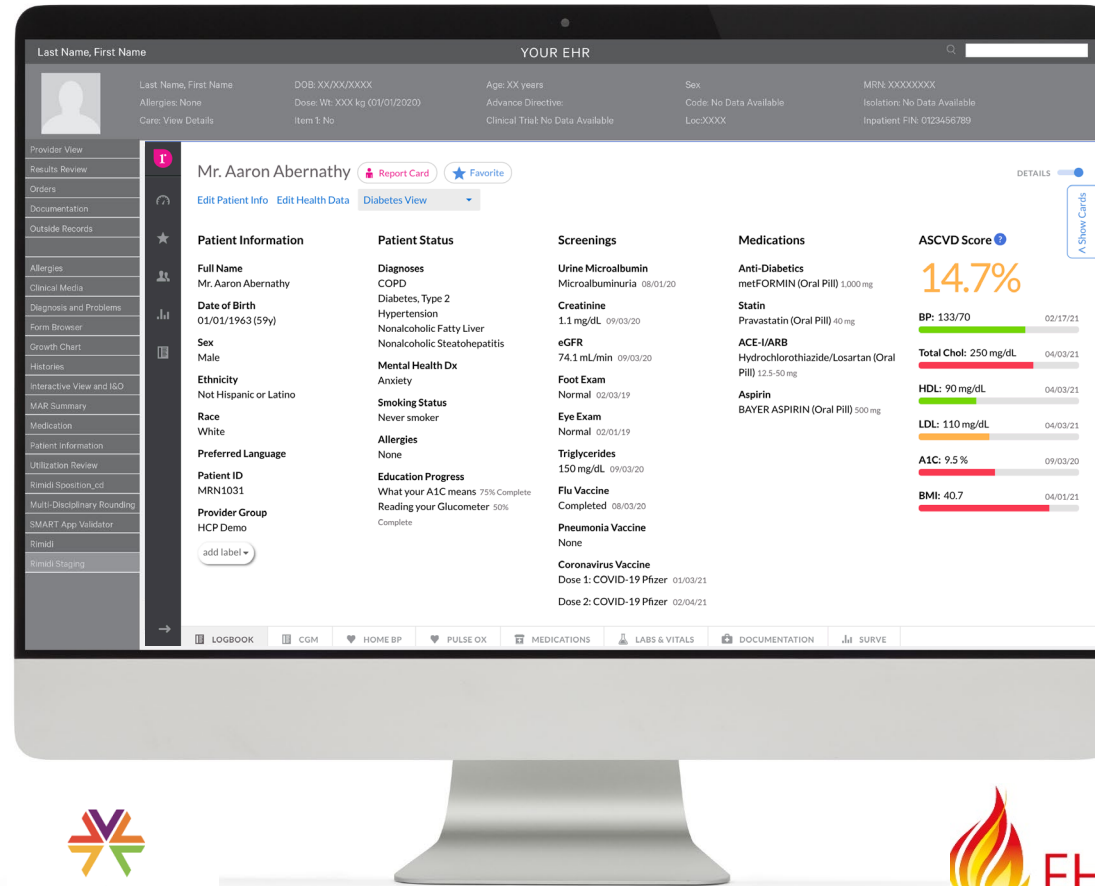
Cardiovascular

Heart Failure

Obesity

Fatty Liver Dz

Respiratory



Device Integrations:

Blood glucose meters

Continuous glucose monitoring

Blood pressure cuffs

Scales

Pulse Oximeters

Digital Inhalers



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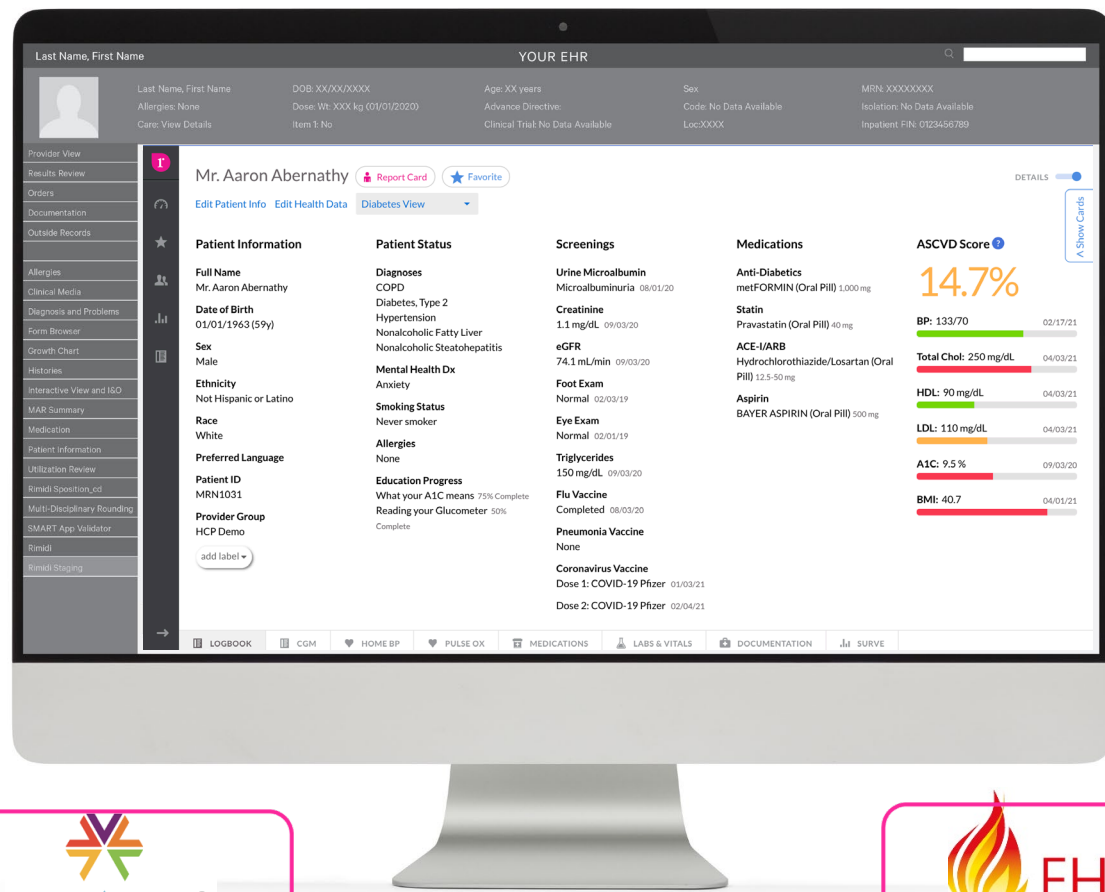
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Blood glucose meters

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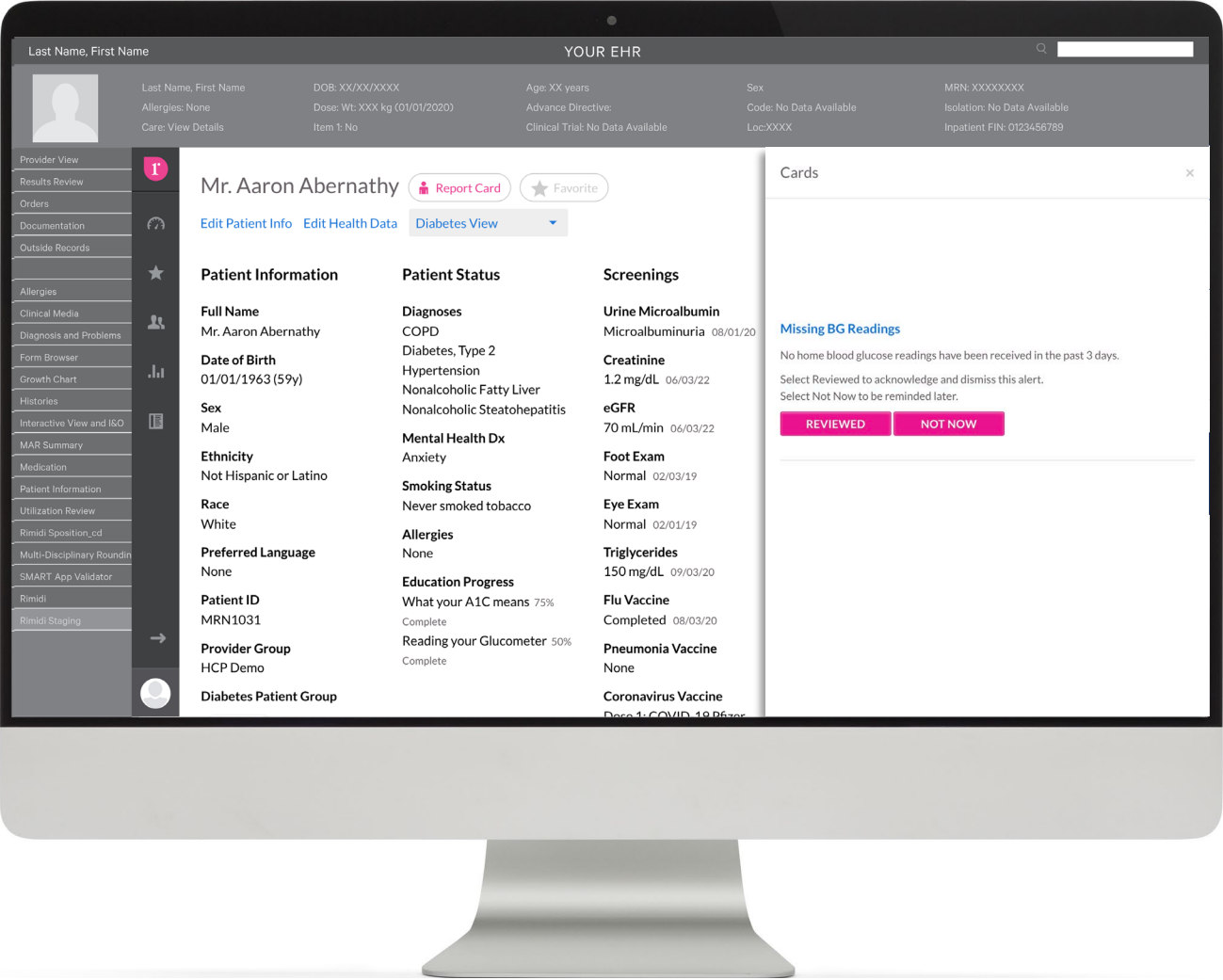


Brining RPM Data and Disease Management to the EHR

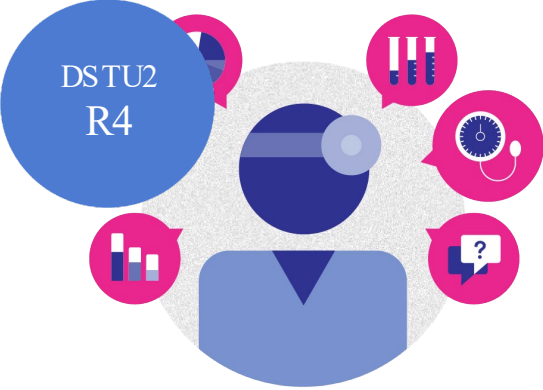
Remote Physiologic Monitoring



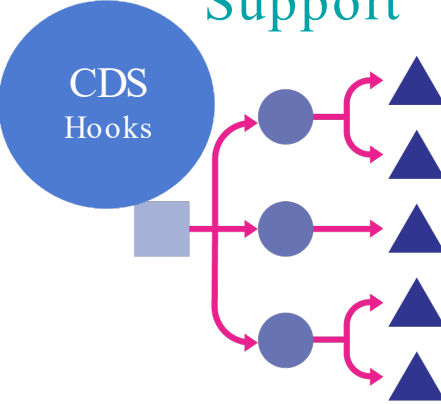
Patient Reported Outcomes



Aggregation & EHR Integration



Clinical Decision Support



EHR Integration Drives Workflow Efficiency

EHR solutions



MEDITECH

SMART on FHIR application



- Rapid Implementation
- Single Sign-On (SSO)
- Data Exchange
- Embedded User Experience

Post-partum Hypertension at Boston Medical Center



A 514-bed
academic medical
center

The largest safety
net hospital in New
England
Epic EHR

80% of obstetric
patients on public
insurance

75% are Black or
Latinx

30% postpartum
patients have
hypertensive
complication

15% of obstetric
patients have
housing insecurity,
food insecurity or
both.

Workflow Integration is Key

Enrollment

- Unit clerk launches Rimidi in **inpatient EHR**, dynamic record creation in Rimidi
- Rimidi **reads patient, problem, medication, allergy, immunization, observation resources**
- Assign BP cuff and send home with patient

Monitoring

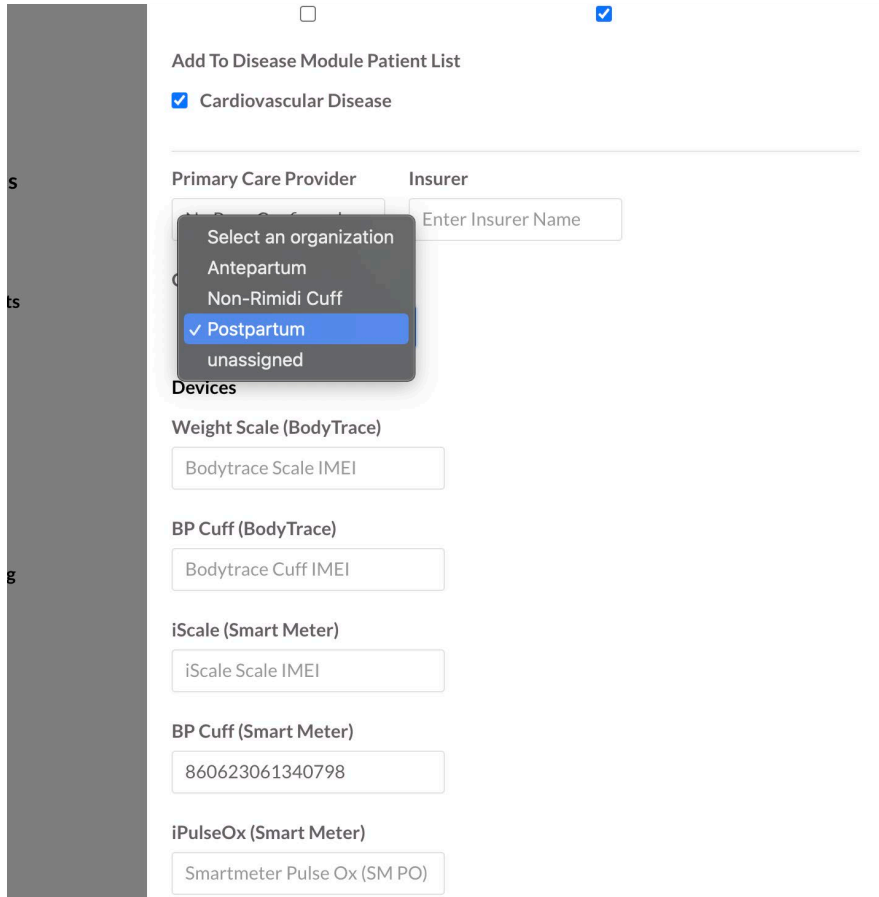
- **Outpatient nurse** follows up with patient to confirm appointment
- Outpatient nurse monitors patient for 6 wk with assistance of **CDS and 2-way text messaging**
- Automated messaging to patient for missing or extreme readings

Transparency

- Home BP readings **posted to flow sheets** using HL7 web services
- Providers outside of OB have access to home data and available for **dot phrases in notes**
- (coming soon) **Note posted** from Rimidi to Epic using document resource









Configurability for Workflow Optimization

Patient groups streamline monitoring



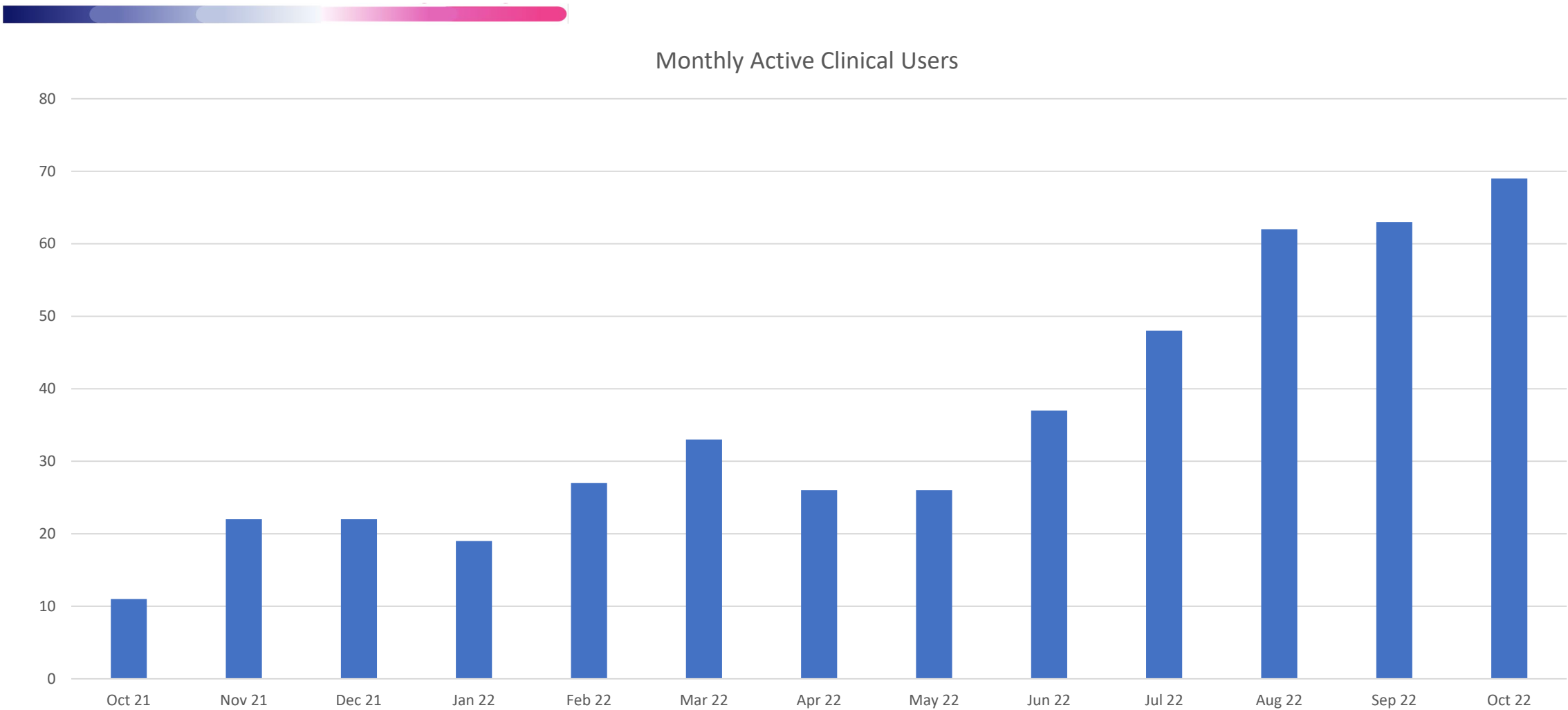
The screenshot displays a web form for configuring patient monitoring. At the top, there are two checkboxes: an unchecked one and a checked one. Below them is the text "Add To Disease Module Patient List". A checkbox labeled "Cardiovascular Disease" is checked. The form is divided into two columns: "Primary Care Provider" and "Insurer". The "Primary Care Provider" column has a dropdown menu open, showing options: "Antepartum", "Non-Rimidi Cuff", "Postpartum" (which is selected with a blue highlight and a checkmark), and "unassigned". Below this, under the heading "Devices", there are several input fields: "Weight Scale (BodyTrace)" with "Bodytrace Scale IMEI", "BP Cuff (BodyTrace)" with "Bodytrace Cuff IMEI", "iScale (Smart Meter)" with "iScale Scale IMEI", "BP Cuff (Smart Meter)" with "860623061340798", and "iPulseOx (Smart Meter)" with "Smartmeter Pulse Ox (SM PO)".

Configurable CDS Hooks and Alerts

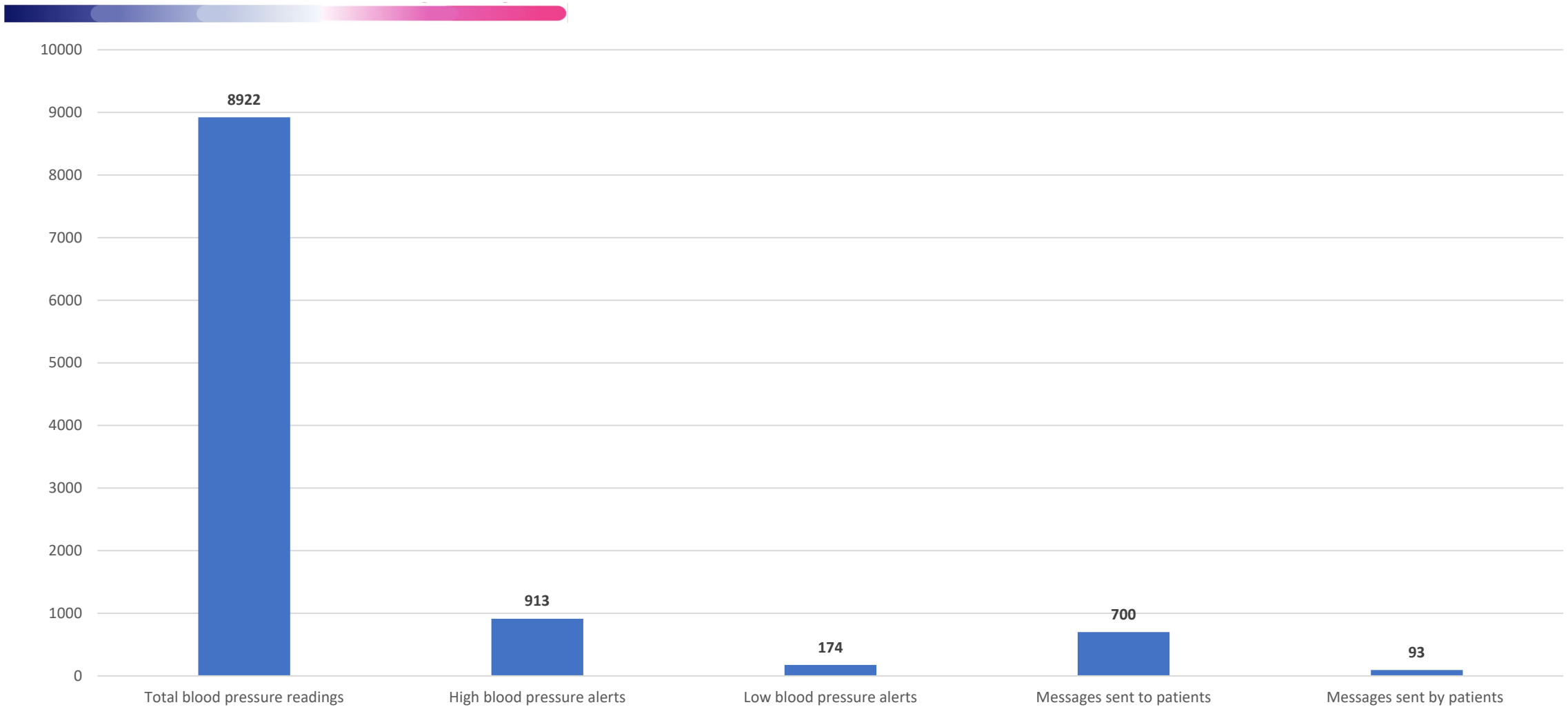
-  **High BP Alert:** Indicates a home BP reading taken in the last 3 days exceeded threshold (default is 150/100).
-  **Low BP Alert:** Indicates a home BP reading taken in the last 3 days fell below threshold (default is 80/60).
-  **Missing BP readings :** Indicates no home BP readings in 3 days
-  **Due for discharge :** Indicates patient is postpartum has been in the program for 6 weeks
-  **New Message :** Indicates an incoming message received from patient
-  **Message Undelivered :** Indicates patient has an undelivered message
-  **Recent Discharge :** Indicates patient is newly discharged and added to the platform the previous day.
-  **Severely Elevated BP :** Indicates BP reading received greater than or equal to 160/110

Building on Engagement and Success

Monthly Active Clinical Users



Engagement Metrics – 6 month period



Success Measures and Publications

- ✓ ~99% patient participation rate
- ✓ 17 unique measurements from enrolled patients over 6-week enrollment
- ✓ Usage similar across racial and ethnic groups

wbur



06:04

Black women are more likely to get sick and die from pregnancy. A simple medical device could help



American Heart Association

Circulation

POSTER ABSTRACT PRESENTATIONS

SESSION TITLE: EPI/LIFESTYLE EPOSTERS

Abstract EP50: Implementation Of A Cloud-Connected Remote Blood Pressure Monitoring Program During The Postpartum Period Improves Ascertainment

Ema Mujic, Samantha Parker and Christina Yarrington



OASH

Office on Women's Health



HHS Hypertension Innovator Award Competition

Innovative methods of blood pressure monitoring and follow-up in women during pregnancy and/or postpartum



American Heart Association

\$2M Grants Target Medical Research on Social Determinants of Health

The awarded institutions will use the funding to conduct medical research regarding the role of social determinants of health in hypertension outcomes of women from under-resourced populations.



Building on Success



Expansion of Antepartum Hypertension and Gestational Diabetes monitoring

- ✓ Continuing supporting data analysis and insights

Further optimization of workflows

- ✓ Document write
- ✓ Inclusion of EDD and Delivery Date data elements

Implementation in non-Epic environments

- ✓ CDS Hooks support, data write-back support, available data elements

Questions?

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