KangarooHealth

Leveraging Technology-Driven RPM:
Enhancing Data, Analytics & Reporting to Advance Rural Healthcare Equity

51th Annual Arizona Rural Health Conference

Presenters:

Dr. Xiaoxu Kang, CEO and Founder, *KangarooHealth*

Dr. Alan P. Michels, CEO and Founder, *Ponderosa Family Care*

Dr. Ergi Gumusaneli, CEO and Founder, *Fitz ILias*

Experiencing the Need for a New Solution

"After my dad's routine elbow surgery, things took a turn we didn't expect. There wasn't enough follow-up or monitoring, and what should have been a simple recovery ended with him permanently losing mobility. It was heartbreaking because it could have been prevented. That experience opened my eyes to a hard truth: **even great medical care can fail if patients don't get the right support once they leave the clinic."**

- Dr. Kang, CEO & Founder KangarooHealth

What is Remote Patient Monitoring and How Does it Work?

3rd Party Connected Devices

Patient App

Device Agnostic

Alerts

AI Powered Provider Platform

Trends

Early Intervention

Remote Patient Monitoring: Closing the Gaps in Care

Delivering Care Beyond the Clinic: The Patient Wins

- Example RPM Condition Coverage: COPD, & Asthma
- Barriers for Care: Long Distances, Fire Season, & Terrain

With Remote Patient Monitoring:

★ Monitoring

★ Alerts

★ Intervention

★ ER Visit, or Hospital Admission AVOIDED

Making the Invisible Visible: What RPM Reveals to Providers

Care Plan Update

CHF discovery + Avoided Hospital

Monitor

BP elevation

Alert

Addressing the Invisible Gaps

RPM Seen in Primary Care & Mental Health Care

| Patient Reported Outcomes | Mood Tracking | Medication Adherence |

38%
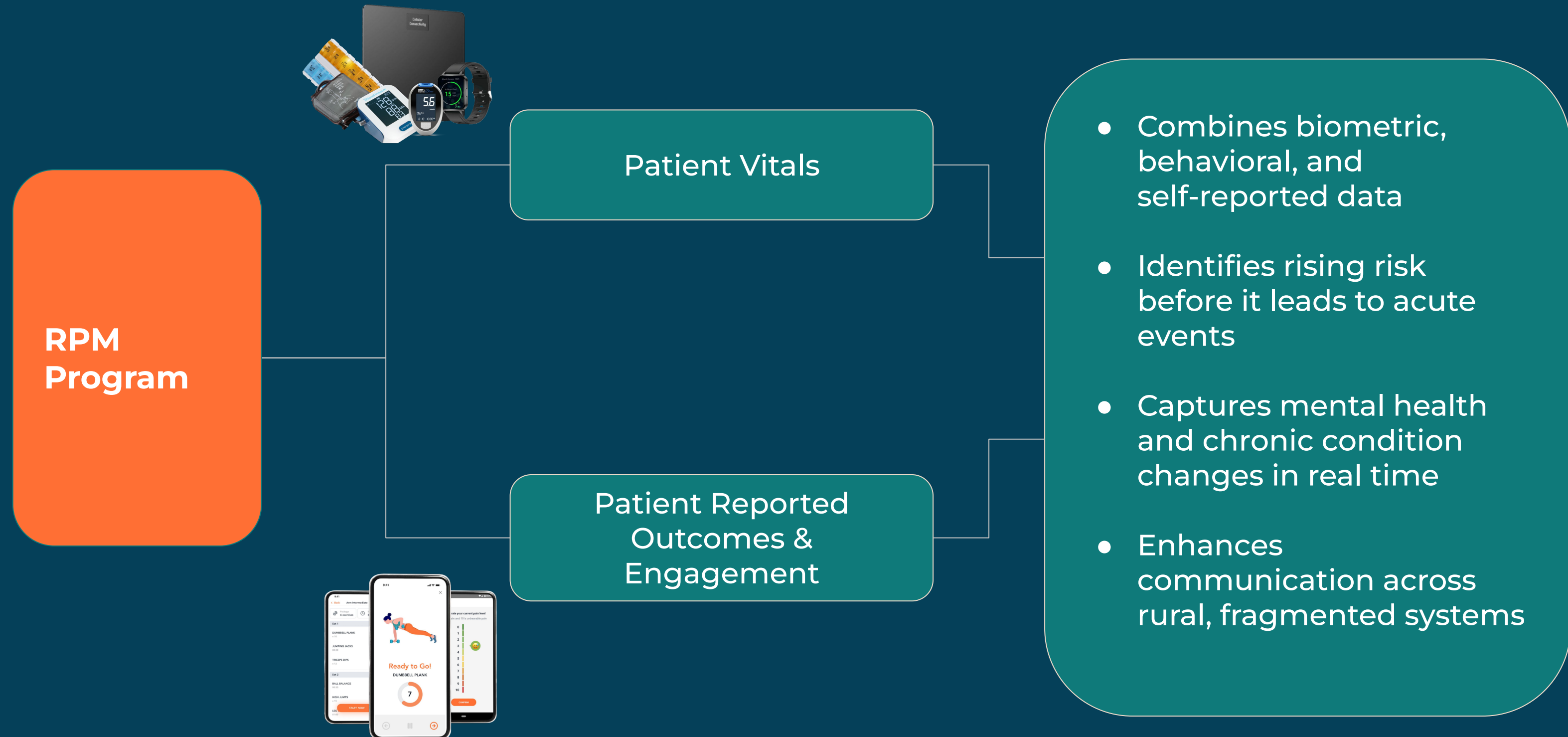reduction in hospitalizations

Successful Outcomes:

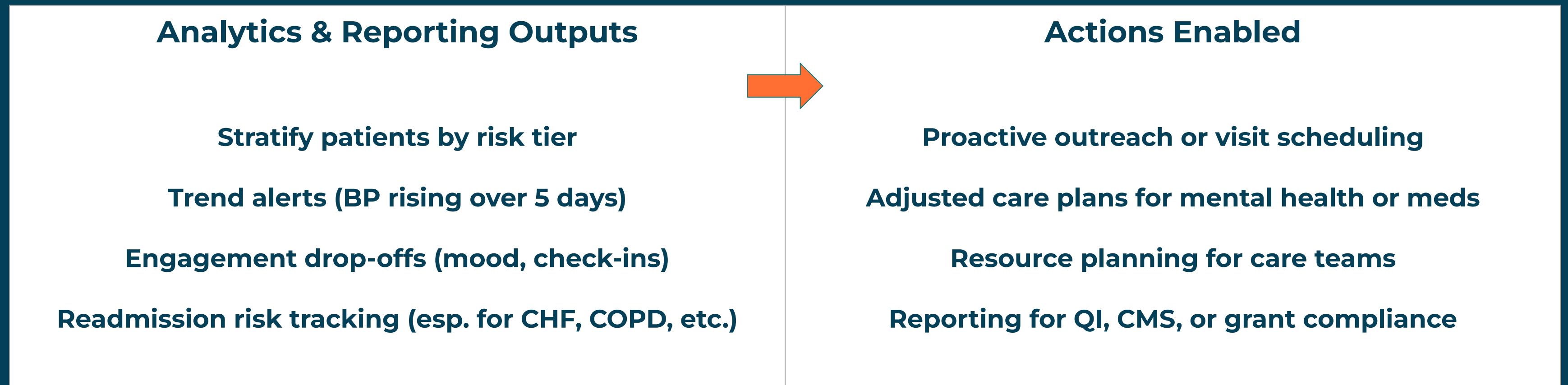| Reduced ED/Crisis Visits | Improved Follow Up | Better Continuity |

25%
increase in patient satisfaction

RPM-Driven Data & Insight

RPM Program

Patient Vitals

Patient Reported Outcomes & Engagement

- Combines biometric, behavioral, and self-reported data

- Identifies rising risk before it leads to acute events

- Captures mental health and chronic condition changes in real time

- Enhances communication across rural, fragmented systems

RPM programs using both vitals and patient-reported outcomes saw 45% greater identification of deterioration. *(Digital Medicine, 2023)*

From Data to Decisions: How RPM Analytics Drive Action

Analytics & Reporting Outputs

Stratify patients by risk tier

Trend alerts (BP rising over 5 days)

Engagement drop-offs (mood, check-ins)

Readmission risk tracking (esp. for CHF, COPD, etc.)

Actions Enabled

Proactive outreach or visit scheduling

Adjusted care plans for mental health or meds

Resource planning for care teams

Reporting for QI, CMS, or grant compliance

87% Reduction in Emergency Department Visits:
A study by Essentia Health found that about 87% of enrolled patients had no emergency department visits during the RPM program, suggesting its success in reducing hospital admissions.
Rural Health Info

From Readmissions to ROI: RPM's Broader Impact

- Reduce bounce backs/readmission rates

- Improve quality metrics

- Reimbursements

- Increase patient satisfaction scores

- Tie to financial impact:
    - better star ratings
    - fewer penalties
    - more engaged patients = **more revenue**

- **With the right vendor, RPM works in harmony with existing workflows**

Connecting the Dots, Asking the Right Questions

Q&A

For additional questions & information, **scan the code**

Thank You

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