



DIGITAL TRANSFORMATION

Provider adoption rates of telehealth grew 86% since 2018¹



¹March 2020 Kareo survey of 600 healthcare providers found that 41 percent were using telemedicine technology, up from 22 percent reported in 2018 survey

Remote Patient Monitoring has been shown to prevent unnecessary hospital readmissions

Remote Patient Monitoring Pilot Shows Dramatic Readmission Reduction



Source: Advisory Board

Remote Monitoring of Physiologic Parameters

(e.g., weight, blood pressure, pulse oximetry, blood glucose)¹

Generate \$175 Per Patient Per Month



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¹ RPM can be combined with other non face-to-face codes (CCM, Transitional Care, BHI, etc.)

² RPM is a Medicare Part B benefit. Reimbursements are subject to 20% copayment

What is Remote Patient Monitoring?

Connected Medical Devices Capture Key Physiological Data Clinical Data + Administrative Tools Organized into Provider Portal

Improved Clinical Outcomes







- Preconfigured wireless devices (No setup required)
- Built in Patient Reminders

- Automated Patient Triage
- Care Plan Analytics

- Communication tools and reminders (Text, Call, Hipaa secure video call)
- Stronger provider relationship

Our Mission

Lead the new norm in healthcare by proactively monitoring patient vitals and analyzing the body before an emergency with innovative medical technology.

How Does Outsourced Monitoring Work?



Doctor Evaluates Patient Population for RPM Fit

- Chronic Care Management Patients
- Target key disease states such as Hypertension, CHF, Diabetes
- Medicare Patients (e.g., with supplemental)

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Patient Consent and Device Access

- Doctor informs patient of referral for RPM
- Doctor writes order to Eval and Monitor for RPM with applicable Dx
- Device is delivered for initial patient set-up and education



Monthly Patient Engagement

- Physiological readings are captured, analyzed and managed
- Abnormal readings are escalated for clinical intervention to triage
- Physiological trends are communicated with patient's care team
- Patient receives reminders and education specific to condition

Readings are received and managed in seconds.



Benefits of Remote Patient Monitoring



- Better clinical data and outcomes
- Reduced emergency visits through proactively triaging
- Improved data analytics within care continuum
- Optimized patient care experience within the convenience and safety of their home

We Address The Most Common Conditions

\$2 Trillion in U.S. Healthcare Costs \$3.75 Trillion in cost to the U.S. Economy



Continuity of Care for Chronic Conditions with RPM



Obesity RPM Clinical Validation

Tracking weight allows for patients to keep themselves accountable with weight loss goals and for providers to be able to intervene and support with lifestyle modifications. Weighing everyday matters: Daily weighing improves weight loss and adoption of weight control behaviors

(article)

The efficacy of a telemedicine-based weight loss program with video conference health coaching support Journal of Telemedicine and Telecare 2019, Vol. 25(3) 151–157 © The Author(s) 2017 Article reuse guidelines: agepub.com/journals-permissions Doi: 10.1177/1357633X17745471 journals.sagepub.com/home/jtt SAGE

(article)

The NULevel trial of a scalable, technology-assisted weight loss maintenance intervention for obese adults after clinically significant weight loss: study protocol for a randomised controlled trial

(article)

Weighing everyday matters: Daily weighing improves weight loss and adoption of weight control behaviors

Prediabetes RPM Clinical Validation

CDC has developed Diabetes Prevention Programs and using RPM weight scales, clinics can deliver this weight loss education virtually either through their existing care or with a monitoring partner. These programs have shown benefit to decrease risk of diabetes with weight loss and weekly exercise fitness goals. Virtual Diabetes Prevention Program—Effects on Medicare Advantage Health Care Costs and Utilization

JMIR DIABETES

Original Paper

A Digital Diabetes Prevention Program (Transform) for Adults With Prediabetes: Secondary Analysis

(article)

Alwashmi et al

News > Medscape Medical News

Online Diabetes Prevention Programs 'as Effective' as In-Person Ones

(article)

Diabetes RPM Clinical Validation

Monitor overall patient blood glucose to adjust therapeutic management e.g. medication optimization. Manage acute events e.g. hyperglycemia from home to prevent complications and hospital admissions.

Review Article

Telehealth Remote Monitoring Systematic Review: Structured Self-monitoring of Blood Glucose and Impact on AIC Journal of Diabetes Science and Technology 2014, Vol. 8(2) 378–389 © 2014 Diabetes Technology Society Reprints and permissions: sagepub.com/journals/Permissions.nav DOI: 10.1177/193296813519311 dist.sagepub.com SAGE

(article)

Patients, physicians benefit from remote blood glucose monitoring

August 20, 2018

(article)

Research article | Open Access | Published: 26 June 2018

The impact of telehealth remote patient monitoring on glycemic control in type 2 diabetes: a systematic review and meta-analysis of systematic reviews of randomised controlled trials

Hypertension RPM Clinical Validation

Capture more accurate blood pressure measurements by increasing the data collection and limiting biases e.g. white coat hypertension. Provide longitudinal care plan adjustments to evolve management of chronic blood pressure and identify acute events e.g. hypertensive crisis to mitigate adverse complications.

ORIGINAL PAPERS: THERAPEUTIC ASPECTS

Home blood pressure telemonitoring improves hypertension control in general practice. The TeleBPCare study

(article)

How home monitoring and patient coaches led to 91% BP control

MAR 18, 2019

(article)

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The Role of Home Blood Pressure Telemonitoring for Blood Pressure Control

Heart Failure RPM Clinical Validation

Monitor daily weight to assess fluid overload status and blood pressure for overall health status allows for more high touch following of heart failure patients allowing for therapeutic titrations to avoid hospital admissions. E S

RESEARCH-ARTICLE FREE ACCESS

An automated vital sign monitoring system for congestive heart failure patients

(article)

Journal of Cardiac Failure Vol. 18 No. 7 2012

Is Adherence to Weight Monitoring or Weight-Based Diuretic Self-Adjustment Associated With Fewer Heart Failure-Related Emergency Department Visits or Hospitalizations?

(article)

Cochrane Database of Systematic Reviews

Structured telephone support or non-invasive telemonitoring for patients with heart failure

Cochrane Systematic Review - Intervention Version published: 31 October 2015 see what's new

Chronic Kidney

Disease

<u>RPM</u> Clinical Validation

Monitor blood pressure to ensure hypertension is well controlled in chronic kidney disease population. Leverage continuity of care platform to improve accessibility for patients who may already be burdened with dialysis visits.

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Review

Practical Use of Home Blood Pressure Monitoring in Chronic Kidney Disease

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Perspectives from the Kidney Health Initiative on Advancing Technologies to Facilitate Remote Monitoring of Patient Self-Care in RRT

(article)

Expanding the Reach of Telehealth to Kidney Disease

COPD

RPM Clinical Validation

Monitoring oxygen saturation via pulse oximetry allows for longitudinal baseline assessment of health status and support of pulmonary rehabilitation. Identifying critical drops in oxygen saturation may allow for earlier detection of acute events such as COPD exacerbations and pneumonia.

Research

People undertaking pulmonary rehabilitation are willing and able to provide accurate data via a remote pulse oximetry system: a multicentre observational study

(article)



(article)

Oxygen Saturations Less than 92% Are Associated with Major Adverse Events in Outpatients with Pneumonia: A Population-Based Cohort Study @

Thank you for choosing innovation to Empower Health Monitoring!

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