Strategies to Implement and Improve Value-Based:

Care Anywhere Aligned to NCQA's Call to Action

accenture



CARE ANYWHERE – ENHANCING VALUE-BASED CARE

Now that we have heard more about Value-Based Care, in this workshop let's expand into a broader Care Anywhere strategy and align to NCQA's (National Committee for Quality Assurance) Care Delivery Anywhere framework and expectation.

- Realize success in Value-Based Care requires both demand and supply-side optimization through Care Anywhere.
 - How to identify patients with the highest risk
 - Addressing patients who need care
 - o Encouraging annual wellness visits
 - Keeping open communication with provider-relation reps
 - Being open-minded to succeed at VBC
- Establish the intent and alignment of NCQA's perspective to a Care Anywhere strategy.
- Define the Care Anywhere process that orchestrates the demand and supply of future care delivery.
- Provide examples, value propositions, and research highlighting additional value-based service areas that will drive a new Care Anywhere strategy



For all healthcare organizations, now is the time to actively explore paths forward on two fronts: first, charting the course forward in personalizing the care experience, innovating how consumers access care, and reimagining approaches for robust primary care and value-based care. Second, actively assessing and exploring future investments and non-traditional partnership opportunities in a healthcare delivery ecosystem that is becoming both more integrated and pluralistic.

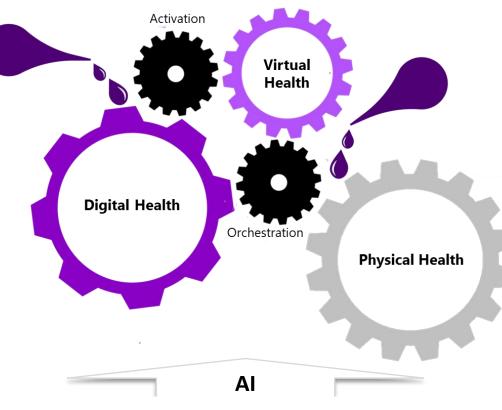
Healthcare Next Intelligence, July 26, 2022

Answer VBC Foundational Questions on Journey to Future

For example - "In 2030, every interaction ... – physical and virtual – will be seamless and markedly different than any other health care experience."

Realize success in Value-Based Care requires both demand and supply-side optimization through Care Anywhere.

- How to identify patients with the highest risk
- Addressing patients who need care
- Encouraging annual wellness visits
- Keeping open communication with provider-relation reps
- Being open-minded to succeed at VBC



- Member Enrollment
- Intelligent Benefits
- Mailroom
- Risk Score Accuracy
- HEDIS Clinical Review
- UM Intake
- UM Clinical Review

- Fraud, Waste, and Abuse
- Provider Data Management, Credentialing, Appeals Intake
- Member Appeals

"Personalization can...

- · Inform and educate
- Connect to appropriate care
- Guide to relevant resources
- Build trusted relationships
- Encourage action
- Onboard to an experience
- Improve quality of life and holistic wellness
- Support better health outcomes"

Orchestration will ...

- Guide to the right place, right time
- Lead to liquid expectations
- Create a distinct foundation
- Leverage AI (Gen AI)
- Hide complexity

Activation will ...

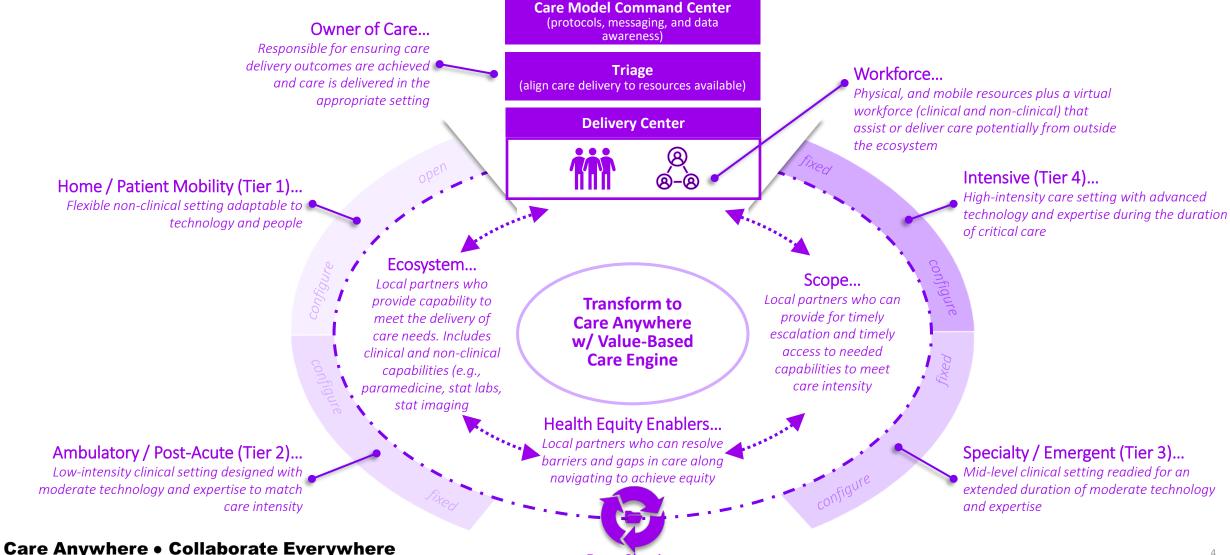
- · Communicate to be understood
- Match channel to preference
- Create proactive engagement
- Transpose information to action
- Reduce barriers

Content/Knowledge can...

- Trigger action
- · Enrich interactions
- Inform and educate
- Refine clinical workflow
- Reflect and transcribe

CARE ANYWHERE CARE MODEL – Leveraging Value-Based Care

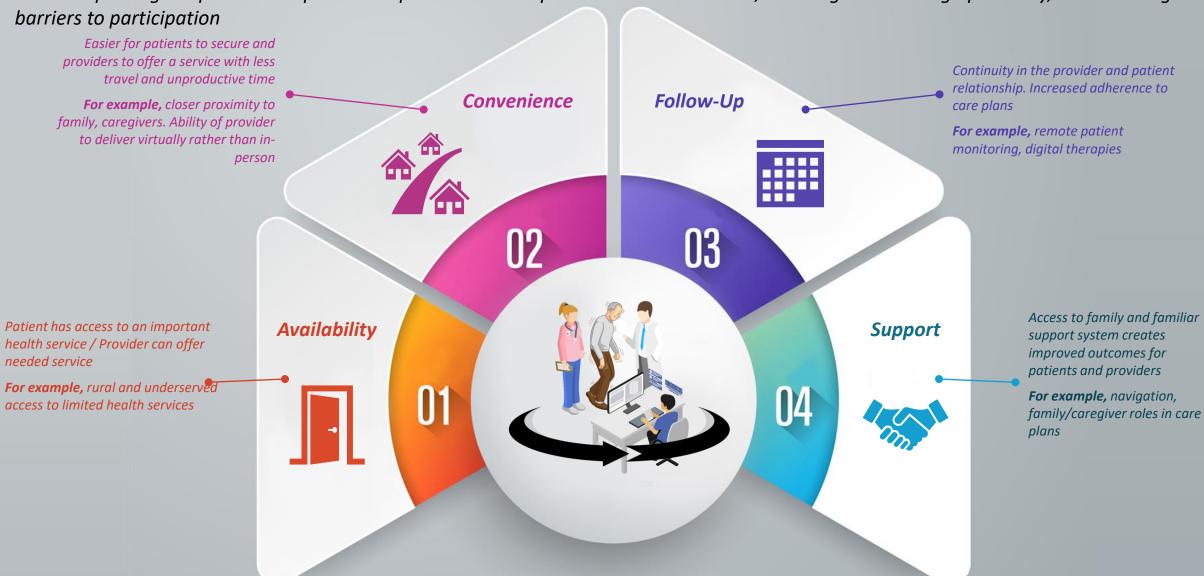
Care Anywhere is uniquely designed to orchestrate the delivery of care in the most effective setting leveraging the capabilities across the care model.



Copyright © 2023 Accenture. All rights reserved.

Improve Access and Experience

Levers improving the patient and provider experience thru improved access to services, reducing costs through proximity, and reducing

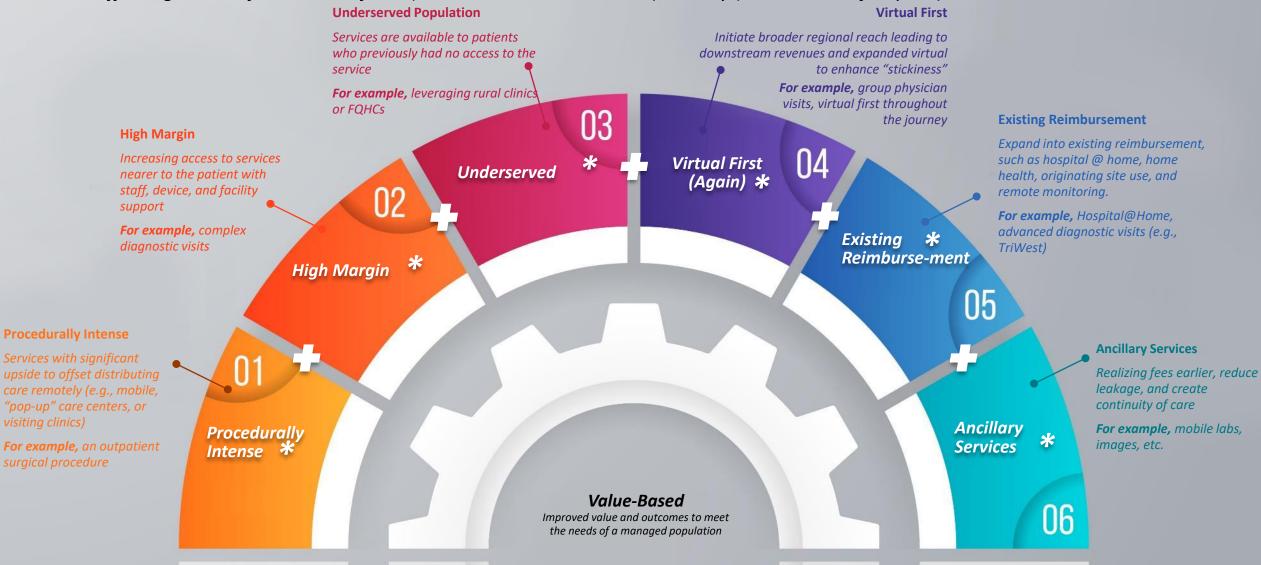


Care Anywhere • Collaborate Everywhere

Copyright © 2023 Accenture. All rights reserved.

Improve Economic Opportunities

Levers effecting costs: Inflation, Workforce (enabled thru Virtual Health), Facility (reduced hard footprint)



Care Anywhere • Collaborate Everywhere

ŝ

360° Value Meter: Care Anywhere

Financial Business Case

Revenue:

- Increased revenue for additional visits
- Increases from remote monitoring, hospital and other care at home or Care Anywhere
- Improved management of revenue in value-based care arrangements
- Other fee for service improvements supported through virtual or alternative location care

OpEx:

- Labor management and cost reduction by leveraging a virtual workforce and prolonging careers for needed health professionals
- Improved coordination of services

Capital:

- Leverage investments in foundation technologies
- Reduce need for physical facilities and physical plan

Modernization

- Growth: Scalable infrastructure to accelerate and promote virtual health across the enterprise and the "community.".
- Security: Leverage cloud vendor investments and cybersecurity expertise to secure the patient record; rapid rebuild and recover after ransomware attack
- Data: Data driven access and delivery of care and supporting capabilities driven by timely data

Inclusion & Equity

- Equity: Drive care and health services into diverse care settings that support convenience for patients and health professionals that meet security and privacy expectations
- **Inclusive Design**: Designed to support the inclusion of all diverse participants in care, from patients, family, caregivers to supporting professionals such as physicians, case managers, medical delivery, etc.
- Inclusive Culture: Quick, easy, and convenient ability to bring people together to support care

Experience

- Customer (Patient): Improve access, engagement, and experience supporting Care Anywhere with focus on patient/consumer convenience.
- Clinician/Employee: Collaboration and convenience for all participants that support or deliver care. Enable collaboration and coordination while improving experience thru convenience and coordination
- Vendor/Partner: Enhance range and scope of products and services with client. Increase client diversity and deepen client engagement.

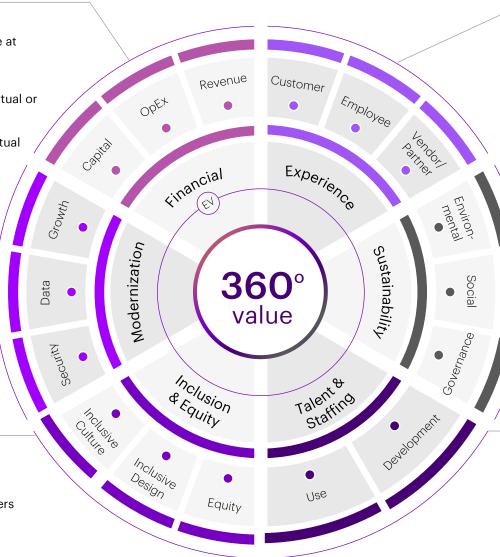
Sustainability

- **Environment:** Care Anywhere is about moving consumers, patients, providers and others via technology rather than in person
- Social Community: Impact access and convenience of care supporting greater participation. Enhanced support and collaboration across the community to drive better individual and community outcomes.
- Governance: Data, platform security along with use of data based on standards to effect how care is delivered

Talent & Staffing

Development:

- Demonstrated ability to use to mentor, support professionals support care delivery, such as in Remote Nursing
- Use:
 - o Reduced overtime and turnover
 - Increased productivity
 - o Improved length of stay and reduced readmissions



Care Anywhere • Collaborate Everywhere

Copyright © 2023 Accenture, All rights reserved.

CARE ANYWHERE

Workshop Activity

A recent review by clinicians supporting care to the veteran population identified the following expectations across typical specialties. Each will be impacted by a specific patient.

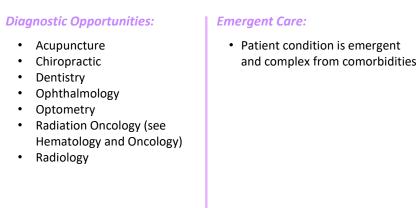
Diagnostic Opportunities:

- Audiology*
- Behavioral Health Prescribing
- Behavioral Health Psychotherapy
- Cardiology*
- Dialysis
- Dermatology*
- Endocrinology
- Gastroenterology
- **General Surgery**
- Hematology and Oncology
- Infectious Diseases
- Nephrology
- **Neurological Surgery**
- Neurology
- Neuropsychology
- Nutrition/Dietetics
- Orthopedic Surgery
- Otolaryngology*
- · Pain Management

Opportunities:

All specialties

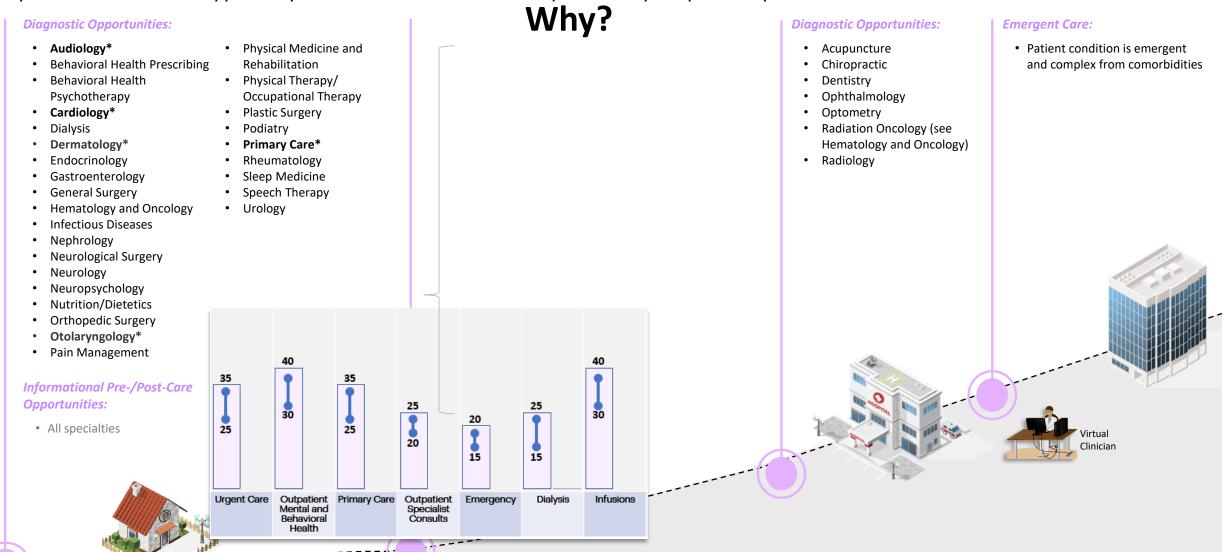
- Physical Medicine and Rehabilitation
- Physical Therapy/ Occupational Therapy
- Plastic Surgery
- Podiatry
- Primary Care*
- Rheumatology
- Sleep Medicine
- Speech Therapy
- Urology







A recent review by clinicians supporting care to the veteran population identified the following expectations across typical specialties. Each will be impacted by a specific patient.



Tier 3 or 4: Specialty Consult
In-Person

A recent review by clinicians supporting care to the veteran population identified the following expectations across typical specialties. Each will be impacted by a specific patient.

Diagnostic Opportunities:

- Audiology*
- Behavioral Health Prescribing
- Behavioral Health Psychotherapy
- Cardiology*
- Dialysis
- Dermatology*
- Endocrinology
- Gastroenterology
- General Surgery
- Hematology and Oncology
- Infectious Diseases
- Nephrology
- Neurological Surgery
- Neurology
- Neuropsychology
- Nutrition/Dietetics
- Orthopedic Surgery
- Otolaryngology*
- Pain Management

Informational Pre-/Post-Care Opportunities:

· All specialties

- Physical Medicine and
- RehabilitationPhysical Therapy/ Occupational Therapy
- Plastic Surgery
- Podiatry
- Primary Care*
- Rheumatology
- Sleep Medicine
- Speech Therapy
- Urology

Diagnostic Opportunities:

- · Allergy and Immunology
- Audiology
- Cardiology
- Dentistry*Dermatology
- Obstetrics and Gynecology
- Ophthalmology*
- Optometry*
- Otolaryngology
- Primary Care
- Pulmonary Diseases
- Radiology*
- Thoracic and Cardiovascular Surgery

Diagnostic Opportunities:

- Acupuncture
- Chiropractic
- Dentistry
- Ophthalmology
- Optometry
- Radiation Oncology (see Hematology and Oncology)

Tier 2: In-Person Ambulatory

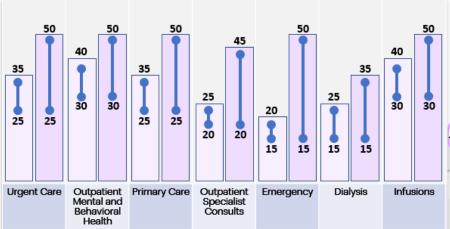
Radiology

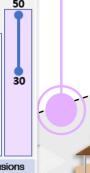
Emergent Care:

 Patient condition is emergent and complex from comorbidities



*Capability may require movement of resources, such as mobile ancillaries, labs, images as well as people. Relies on the ecosystem of partners as well as workforce strategies









Tier 2: Alternative Site of Care (space, staff, technology)

Tier 3 or 4: Specialty Consult In-Person

NEUROPSYCHOLOGY DIAGNOSTIC/FOLLOW-UP

For example, in Neuropsychology care can be targeted based on patient capability and desired level of care.

Patient Criteria:

- Patient condition, mental state, and living situation are appropriate
- Patient is complying with medications and requires periodic support
- Patient can consent to care at home

Ability to Perform:

- Treatment is self-administered but watched by remote clinician
- Store, forward, documentation of diaries
- Verbal reinforcement of treatment and compliance
- Planned lab, imaging, ancillary services
- Patient, caregiver, or trained staff support the following:
 - o Ready assessments including WAIS-IV Digit Span, WAIS-IV Similarities, HVLT-R, Semantic Fluency, Letter Fluency
- Stimulus materials including MoCA, TOPF, Streep Test, Ors SDMT, WAIS-IV Vocabulary, BNT-2, Trial Making Test

Resource Requirements:

- · Audio and video through broadband
 - Trained staff mobile to the home Mobile lab, imaging, ancillaries

Mobile Ancillaries Mobile Trained Staff

Patient Criteria:

- Patient would benefit from additional education. reinforcement, or review of medications
- Patient's living condition or mental state are not appropriate for staff to provide care at home

Ability to Perform:

- Staff administer treatment and a remote clinician
- Staff support document or image review
- Staff training on treatment and compliance
- Planned lab, imaging, ancillary services
- Trained staff support the following:
 - Use of examination methods requiring assistance required including WAIS-IV Block Design, WMS-IV Visual Reproduction, WAIS-IV Matrix Reasoning, Rey Complex Figure Test and Recognition Trial (RCFT)

Resource Requirements:

- · Audio and video through broadband
- Trained staff mobile to the home
- · Mobile lab, imaging, ancillaries



Patient Criteria:

 Patient condition or progress has changed and would benefit from detailed review

Ability to Perform:

- Provider and ancillary staff can perform a full range of neuropsychology tests, diagnosis and treatment
- Adhoc or planned lab, imaging, and other ancillary services are onsite or near

Technology Required:

 In-person access to staff and ancillary services

Workforce

Tier 2: In-Person Ambulatory

Patient Criteria:

 Patient condition is emergent and complex from comorbidities

Ability to Perform:

- Provider and ancillary staff can perform a full range of neuropsychology tests, diagnosis and treatment
- · Adhoc or planned lab, imaging, and other ancillary services are onsite

Technology Required:

 In-person access to staff and ancillary services





Tier 2: Alternative Site of Care (space, staff, technology)

Tier 3 or 4: Specialty, Consult In-Person

CARE DELIVERY ANYWHERE

Quality Framework

Areas of Focus



Data Sharing & Interoperability

Aligning around standards for data sharing and interoperability



Health Equity

Ensuring health equity in the delivery of care



Referrals

Processes for verifying that patients can access necessary followup care



Communication

Guidelines for effective communication for innovative modalities of care delivery



Appropriateness of Setting for Care

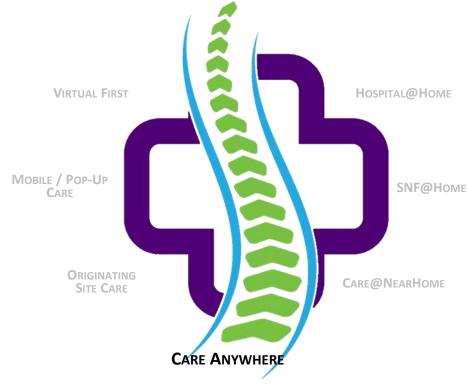
Processes for ensuring that patients receive the right care, in the right way

11 | (NCQA

NCQA, January 12, 2023, Care Delivery Anywhere

CARE ANYWHERE – ORCHESTRATING TOMORROW'S CARE

Redefining how and where care is provided driving improved cost effectiveness and use of tomorrow's health professional workforce and facilities.



It is...

- Intentional Delivering productized delivery of a service
- Location agnostic Driving care to the optimal setting, ensuring appropriate site of care and reflecting preference
- Tiered Reimagining care delivered to the home (i.e., wherever the patient is), to spaces (i.e., both fixed and pliable) that are proximal to the patient; rethinking the professional workforce, facilities (e.g., specialty/emergent care), and intensive care capabilities
- Focused on care "delivery" rather than care "routing"

It isn't...

- Monitoring focused Rather, it is care delivery-centric, enabling the delivery of care
 in the most effective location
- One-sided Care Anywhere is about matching provider capabilities expressed as a product to patient preferences
- **Fixed** Care Anywhere is about creating and leveraging flexibility for providers & patients and in the spaces where care is delivered to provide the most appropriate location for care
- **Cost neutral** Economically, the goal is to reduce overall cost, increase revenue, and more effectively use the clinical workforce

CARE ANYWHERE CAPABILITIES ACROSS THE JOURNEY

Care Anywhere extends the delivery of care beyond traditional physical settings to locations and approaches that suit people. Productization of services or a product mindset encourages consideration of settings such as homes, offices, hotels, dormitories, and flexible care settings. Care Anywhere provides convenient, cost-efficient care in a competitive health ecosystem.

MARKET FORCES

Growth of consumer liquid expectations

Consumer expectations have become truly liquid across industries – comparisons evolve between brand experience (e.g., receiving primary care vs best-in-class tech support)¹

Innovative care models anchored on flexibility

COVID-19 has driven differentiated & flexible care models, anchoring on true patient centricity and strong digital foundation (e.g., virtual visit expansion, RPM, novel partnerships)²

Productization of healthcare via unbundling of care services

Traditional care services are seeing an unbundling into disparate product offerings (e.g., primary care), reframing operating models with a product mindset³

A blended care system relies on CARE ANYWHERE – componentized delivery of care anchored to optimizing cost & choice – to link care delivery services across its core enablers.

CARE ANYWHERE IS FOCUSED ON HEALTH EQUITY

PRIMARY HEALTH EQUITY FOCUS

- Get healthcare to people that need it most
- Urban care
- Rural care
- People of color
- People that can't afford care
- The elderly
- People who need mental health and behavioral resources
- Digital divide

Previous research indicates...

Forming unlikely partnerships to design innovative solutions for undeserved and vulnerable people



Health equity is an inclusive, just distribution of resources and opportunities needed to achieve peace of mind and improved health outcomes

Investing in initiatives that proactively address the needs of vulnerable populations and support community wellness

Ensuring marginalized individuals have the agency and support needed to lead healthful lives

Which means...

Equal access to care/all have access to care regardless of race, gender, etc.

41%

Health equity is being able to ensure equal access to and delivery of healthcare in a manner that treats everyone as equals.

Quality health care for all/equal quality of care

Providing the same level of health care services to any individual devoid of socioeconomic status.

All have opportunity to be healthy/fair and just opportunity to be healthy

The opportunity for all persons to be healthy through access to care and resources by addressing the social determinants of health.

Equal health outcomes/providing resources to achieve equal health outcomes

Healthcare needs of all patients are appropriately addressed in order to achieve the desired health outcomes for all

Reduce causes of health disparities/remove barriers

14%

Understanding disparities within healthcare and working with experts to make sure decisions & processes are put in place to mitigate these disparities as much as possibly to ensure equity for everyone who is in need of health care.

Recognize impact of race, gender, age, etc. on heath outcomes

9%

Addressing SDOH matters for the patient population.



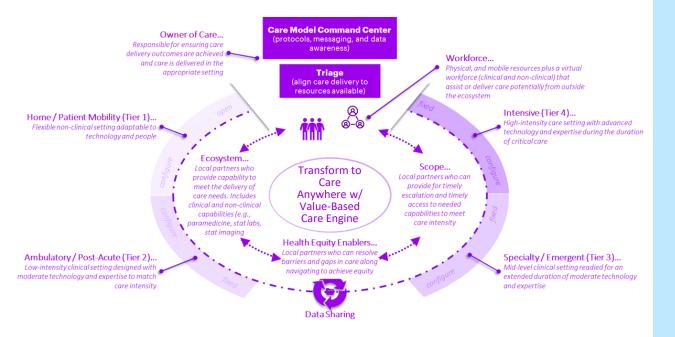
- Accenture, Ankor Shah, 2022
- 2. HIMSS, Accenture, Ankor Shah, 2022

CARE ANYWHERE

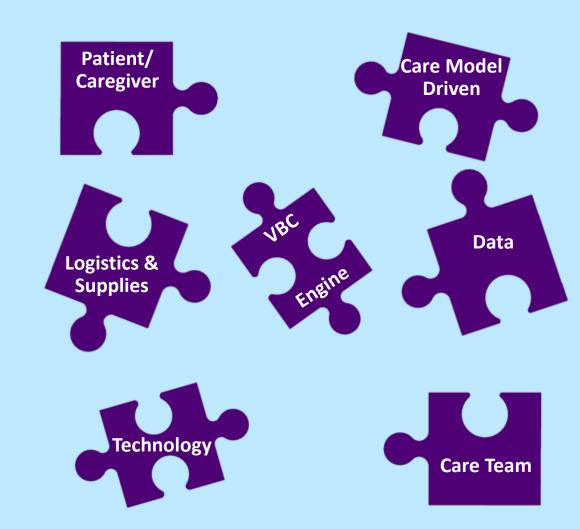
Workshop Activity



The Care Anywhere model may provide alternative, economically favorable locations to keep services open, maintain access, increase compliance, resolve inequity, and address supply shortages



What we learned from 2 days on Value-Based Care?...





The Opportunity - Foundation

8:15am – 9:00am
Opportunities in Value-Based Care
Karen Marie Wilding, MHA, CHCIO, FHIMSS

9:00am – 9:45am

Key Metrics to Gauge the Quality of Value Based
Care

Marybeth Sexton, MD, MSc

10:15am – 11:00am
The Value of Pharmacist Interventions to Patients,
Providers, Health Plans, and Payers
William N. Kelly, Pharm.D.

11:00am – 11:45am
Engaging Providers in Value-Based Care
Michele Forgues-Lackie MBA, FACHE, CHFP,
FACMPE

11:45am – 12:30pm Value Based Care and Remote Patient Monitoring James Marcin, MD, MPH

1:30pm – 2:15pm The Future of Value-Based Payment Cameron Adams, MPP William Riley, PhD

2:15pm – 3:15pm
Panel: Transparency and Value-Based Care
Collaborations Between Providers and Payers
Stuart L. Lustig, M.D., M.P.H.
Madelyn M. Meyn, MD MBA
Stephanie Turner, RN, MSN

3:45pm – 4:30pm Value-Based Care Best Practices for the Best Patient Experience Francis Balucan, MD, MBA, FACP

4:30pm – 5:15pm How to Achieve Medicare's VBC Goals of 100% by 2030: Growth Tactics and Strategies for Healthcare Providers Tori Bratcher, MHA

8:15am – 9:00am
Asynchronous Provider Care Models to Effectively
Manage Our At-Risk Population and Reduce TME
Heather M. Meyers, MBA
Boston Children's Hospital

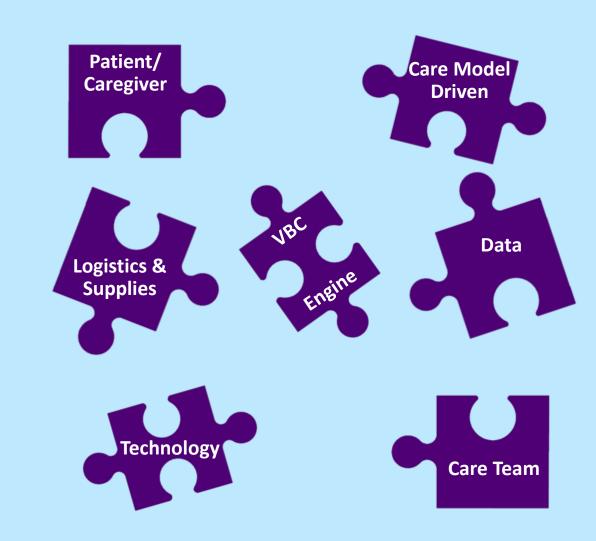
9:00am – 9:45am Integrating Social Determinants of Health into Value-Based Care Karen L. Fortuna, PhD, LICSW

10:15am – 11:00am Innovative Approaches to Leverage Care Team Members to Succeed in Value-Based Care Hae Mi Choe, PharmD

11:00am – 11:45am How Value-Based Care Supports Workforce Well-Being Alice Andrews, PhD

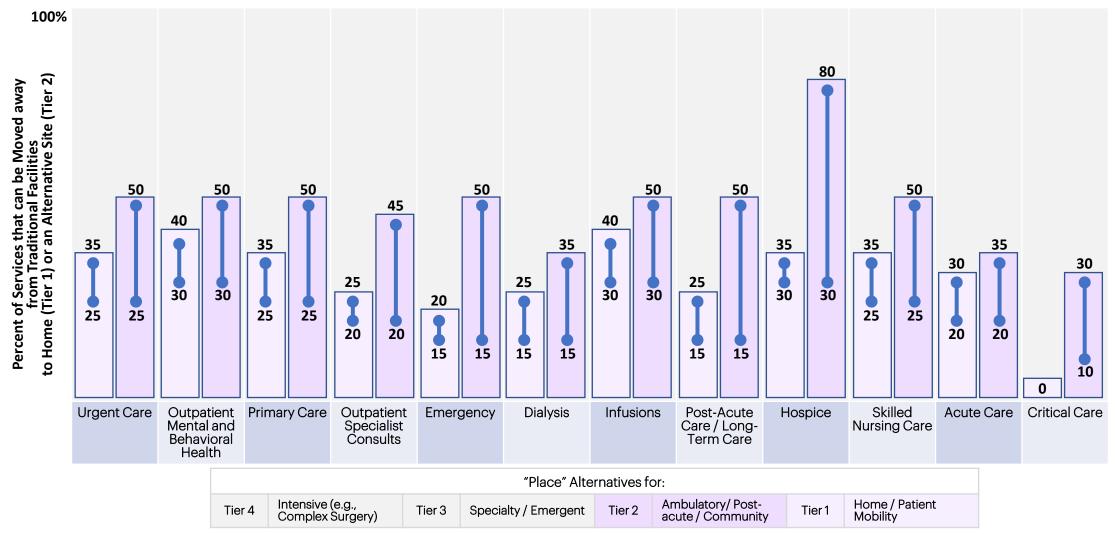
11:45am – 12:30pm How to Successfully Deploy Digital Health in Value-Based Care Anthony Roggio, MD

What we learned from 2 days on Value-Based Care?...



Care Anywhere: Orchestrating the Reinvention of Care Delivery

Shifting "place" is a key aspect of Care Anywhere. Increasing opportunities exist to shift to more convenient places.



Sources.

- "From facility to home: How healthcare could shift by 2025, February 1, 2022, Bestsennyy, Chmielewski, Koffel, and Shah, McKinsey & Company
- Accenture study.

CONSUMER JOURNEY

General Approach

Care anywhere- Overview

CARE ANYWHERE IS...

The curation of care model building blocks to "fit" the preferences and constraints of care delivery, in order to improve access, experience, outcomes, and optimize cost

& ORCHESTRATES ACROSS...



proximity, capabilities to

ensure the

outcome

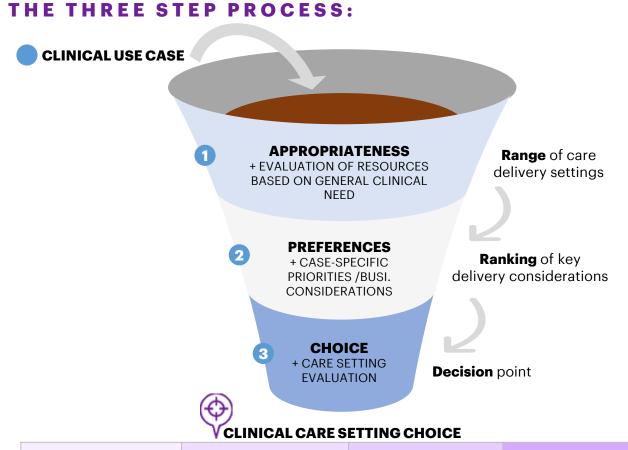
-

TECHNOLOGY as equipment, facilities, and devices available

to people



process to appropriately couple and direct people and technology



Home / Patient Mobility	Ambulatory/	Specialty/	Intensive
	Post-acute	Emergent	(e.g., Complex Surgery)
Flexible non-clinical setting adaptable to technology and people	Low-intensity clinical setting designed with moderate tech and expertise to match care intensity	Mid-level clinical setting readied for an extended duration of moderate tech and expertise	High-intensity care setting with advanced tech and expertise the duration of critical care

STEP 1 - APPROPRIATENESS

STEP 1:

The first step to identify which modalities to deliver care across requires analyzing clinical need across three categories:

- Care intensity: What is the clinical intensity of the service required?
- b) Resource **Characteristics:** Does the clinical team need to be altogether in a room (e.g., surgery) vs symptom monitoring?
- Modality **Characteristics:** How much security & privacy is needed for care (e.g., gynecology appt vs triage)?

1a) ILLUSTRATIVE: To find the range of appropriate delivery locations, identify degree of clinical requirements across 3 key categories

categories (example) Ease Complex **CARE INTENSITY** Independent Dependent "What care is to be **High Supervision** provided?" Low Supervision 6 Significant Patient **Limited Patient** Support Support 3 **Loose Coupling Tight Coupling RESOURCE** Not Mobile Mobile **CHARACTERISTICS** "How can clinical 3 Readily Available Absent resources deliver care?" 3 Low Tactility **High Tactility** x 6 Low Security/ Privacy High Security/ Privacy **MODALITY** Personal Grade **Highly Sterile** x 6 **CHARACTERISTICS** Environment Environment "Where should we deliver 6 **Small Footprint** Large Footprint care?" Open 6 **Fixed Configuration** Χ __ Configuration = (Total/Max) %

Ambulatory/

Post-acute

Home / Patient Mobility

Least Clinical Setting

1c) Based on the weighting, the clinical use case will fall within a spectrum of the four potential care modalities

*(Total / Max) % Total is the sum of the selected value for a category x the weight Max is highest weight x 4 x number of non-zero weighted categories **Likely Appropriate = Least Clinical Setting + ((Most Clinical Setting-Least Clinical Setting) * (Total / Max) %)

Specialty/

Emergent

Intensive

(e.g., Complex Surgery)

Most Clinical Setting

1b) To find the most

***=** (162/288)%

Weighted

appropriateness

of care delivery

settinas

likely appropriate location, add weight across each of the three

STEP 2:

STEP 2 - PREFERENCE

The second step will identify various

a) Identify various players (e.g.,

b) Identify categories within each

c) Select the level of importance

the most important group

player to consider within each

across each slider to then tally up

at the category level to determine

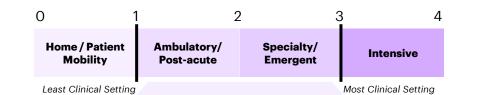
health plans, Medicare)

modalities of care

player

players to consider when deciding on

providers, employer-sponsored



2a) ILLUSTRATIVE: Identify various preference considerations for each of the key players based on the findings in Step 1 Least Clinical Setting Most Clinical Setting

Preference to Manage Risk CARE ... to Manage Liability **DELIVERY** ... to Secure Reimbursement ... to Manage Level of Complexity

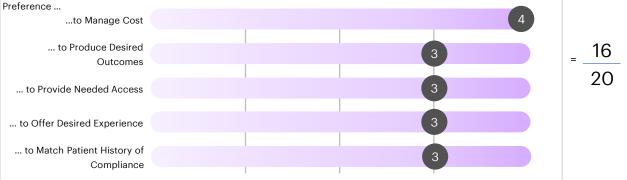


Where:

Starting Location + Preference within the identified range

$$=\frac{8}{16}$$
 1 + (50% * 2) = 2

1 + (80% * 2) = 2.6



2



... to Match Hours of Availability

Effort

0

... to Match Required Prep



PATIENT

1 + (50% * 2) = 2

Care Anywhere • Collaborate Everywhere

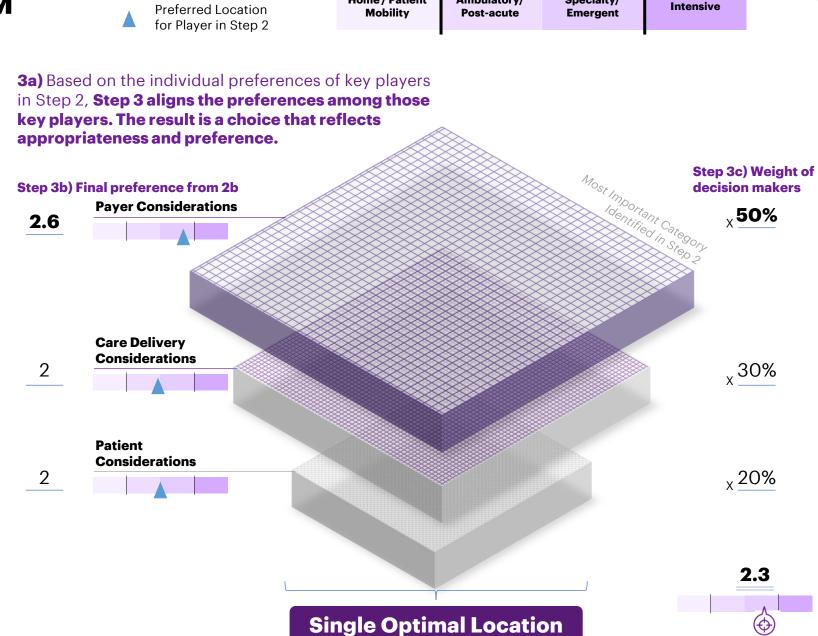
"CAREANYWHERE" PARADIGM STEP 3 - CHOICE

STEP 3:

Using the established hierarchy of players (step 2), a series of filters will be applied to the range of locations accordingly.

Pictured example:

- a) Since the payer was determined to have the greatest sum in step 2, its considerations will be used as the first filter to **narrow the location options**.
- b) The following filter will use the provider considerations to narrow down the number of locations a **level further**.
- c) Patient considerations will be applied to make the final clinical care setting decision.
- d) A **single optimal location** for clinical care is determined.



0

Home / Patient

Ambulatory/

Specialty/

Range of Locations
Determined in Step 1

CONSUMER JOURNEY

Use Case: Rheumatology

STEP 1 - APPROPRIATENESS

MEET MARIA

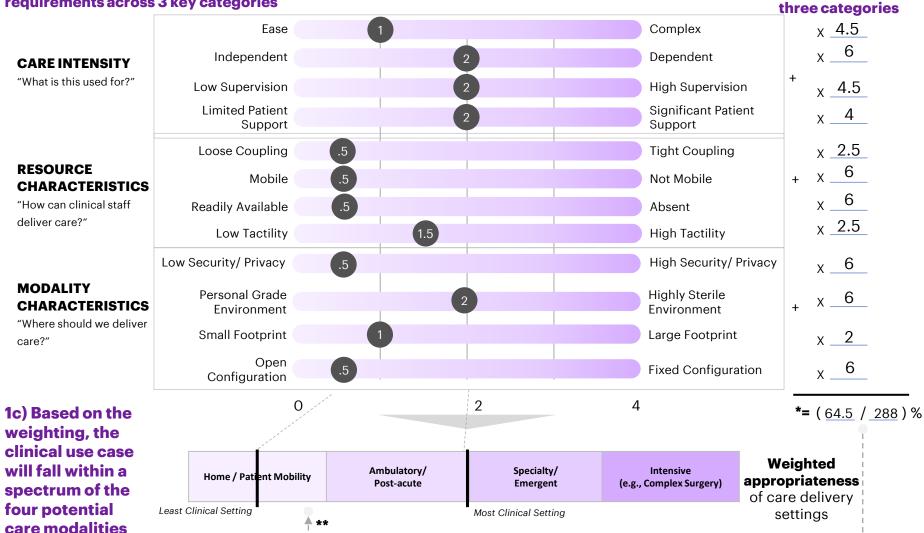


Maria is a 67-year-old retired teacher who lives with her partner in a Dallas suburb. She has moderate to severe **rheumatoid arthritis causing pain in her lower extremities**. She is experiencing an acute flare up and requires a treatment that will relieve her joint pain and inflammation.

Step 1 Discussion:

- a) Care Intensity: Maria's acute flare up is causing her severe pain and stiffness in her joints, inhibiting her ability to walk. Her doctor recommends a corticoid steroid injection. Treatment delivery is ranges from low to moderate complexity and requires moderate supervision. A review of an image is required to ensure proper placement of the injection.
- **b) Resource Characteristics**: Corticoid steroid injections have moderate to high mobility and moderate tactility.
- c) Modality Characteristics: Corticoid steroid injections for arthritis pain and inflammation relief require low privacy and can be delivered in a clinical setting or personal environment.

1a) To find the range of appropriate delivery locations, identify degree of clinical requirements across 3 key categories



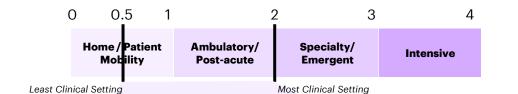
1b) To find the most

likely appropriate location, add weight

across each of the

^{*(} Total / Max) % Total is the sum of the selected value for a category x the weight Max is highest weight x 4 x number of non-zero weighted categories **Likely Appropriate = Least Clinical Setting + ((Most Clinical Setting-Least Clinical Setting) * (Total / Max) %)

STEP 2 – PREFERENCE



2a) Identify various preference considerations for each of the key players based on the findings in Step 1

Step 2 Discussion:

- a) Identify various players: The relevant players for Maria's case include herself, her rheumatologist provider's practice, and her Medicare insurance.
- b) Identify categories: Identifying Maria's optimal treatment requires consideration of her cost share. her historical treatment adherence, her personal support network, and her geographical and technological access to care. Necessary considerations also include her insurance benefit, reimbursement, and incentives. Additional categories include her provider's care delivery capabilities, costs, professional network, and community resources.

Medicare

Maria

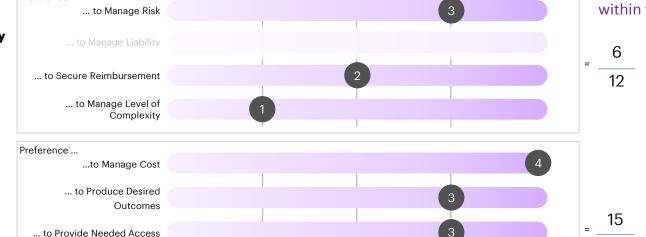
... to Offer Desired Experience

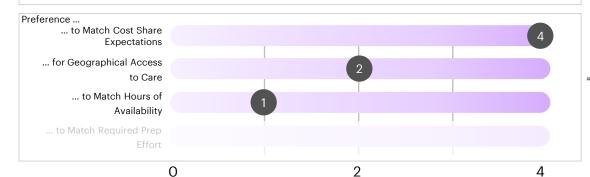
... to Match Patient History of

Compliance

Importance: As a 67-year-old retiree, Maria values options with low-cost share. Her insurance, Medicare, values low cost, low complexity interventions, unless medically necessary; and her provider values options that optimize resource time and costs



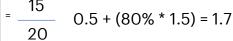


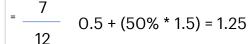


2b) Calculate each key player's considerations indicating their overall preference and will inform the choice in Step 3.

Where:

Starting Location + Preference within the identified range





Care Anywhere • Collaborate Everywhere

STEP 3 - CHOICE

Step 3 Discussion:

a) Patient Considerations:

- Maria's home is distant from her rheumatologist provider's practice, and given her acute pain and join stiffness, she prefers not to drive long distances
- ii. Maria's provider's practice is owned by a hospital, and she is consequently charged a high facility fee for her in-person visits. Her cost share is lower for home visits.
- iii. Maria has access to a tablet and laptop for virtual care visits.

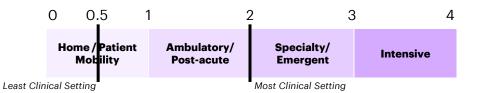
b) Care Delivery Considerations:

- i. Maria's rheumatologist's practice has robust virtual health capabilities.
- ii. Maria's rheumatologist's practice has a network of mobile nurses and EMTs for home visits, as well as a brick-and-mortar practice for in person visits.
- iii. It is less costly and resource intensive for the practice to have their nurses deliver corticoid steroids, rather than their providers.

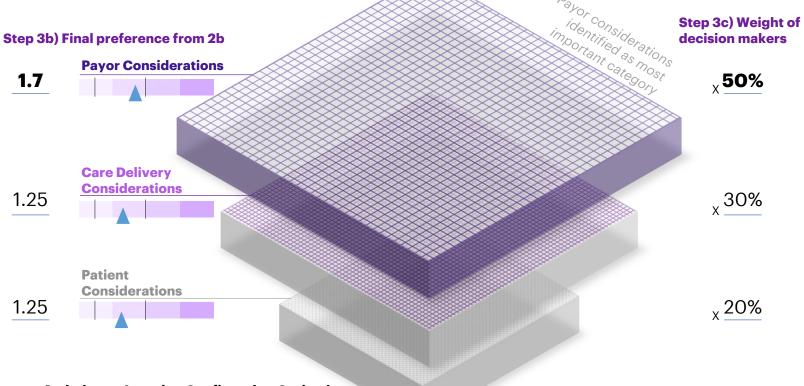
c) Payor Considerations:

- i. Maria's covered benefits include corticoid steroid injections, nurse home visits, and virtual health visits.
- ii. It is less costly for the payor to reimburse virtual health compared to in-person visits.





3a) Based on the individual preferences of key players in Step 2, **Step 3 aligns the preferences among those key players. The result is a choice that reflects appropriateness and preference.**



Ambulatory Location Confirmed as Optimal

- Corticoid steroid injections delivered by nurse in an ambulatory setting
- · Provider is available if concerns arise
- Virtual follow-up visits with the provider to evaluate treatment efficacy and next steps.



1.5

CARE ANYWHERE

Workshop Activity

High-Level Analysis: Example - Closures

Cost pressures, staffing shortages, and inconsistent volumes are driving service closures and limiting access



The Problem

Hospitals are closing services & locations at an unprecedented clip due to financial pressures

136

Rural hospital **closures** between 2010 and 2021 \$7B

Medicare & Medicaid underpayments to rural hospitals in 2020 70%

...of HPSAs* are located in rural or partially rural areas

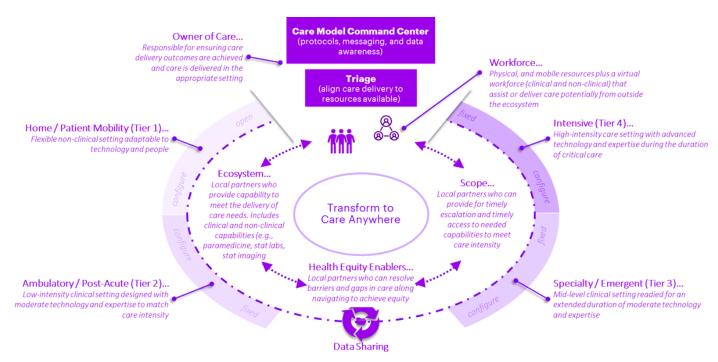
Health services with low margins are often the first to be cut. Low margins can be attributed to several factors, including:

- **High capital expenditures**, which limit the ceiling of cost reduction efforts
- Poor staff availability, which caps volume potential
- Non-optimal staff usage, where a mismatch exists between labor compensation and productivity
- Irregular patient volumes and spare capacity, which limit revenue and prevent facility cost coverage
- Unfavorable payor mix, which can limit reimbursement potential



The Opportunity

The Care Anywhere model may provide alternative, economically favorable locations to keep services open and maintain access



Note (*): Health Professional Shortage Area

Source: American Hospital Association – Rural Hospital Closures Threaten Access

Evaluating Alternatives to Closing Lower Margin Services

If a service is low margin in its current setting, consider its desirability, viability, and feasibility a Tier 2 care setting to avoid service closure



What are the economic and business benefits of the opportunity?

- Capital expenditure reduction
- Physical capacity optimization
- Staffing optimization
- Patient throughput optimization

What problem(s) is the opportunity solving for stakeholders?

- Access for patients
- Margin for administrators
- 'Top of license' time for clinicians
- Capacity utilization for community partners





FEASIBILITY

What are the operational capabilities required for the opportunity?

- Physical space requirements
- Regulatory constraints (e.g., Joint Commission, state licensing)
- Technology requirements
- Care intensity

Can the low margin service of Labor & Delivery be offered in a more cost-effective setting

Labor & Delivery

Desirability L

H

Feasibility L

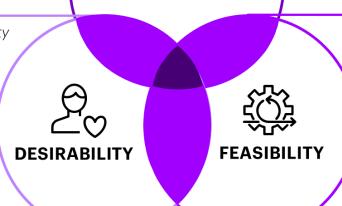
H

What are the economic and business benefits of the opportunity?

Capital expenditure reduction

What problem(s) is the opportunity solving for stakeholders?

- Access for patients
- Margin for administrators
- 'Top of license' time for clinicians
- Capacity utilization for community partners



VIABILITY

- · Physical capacity optimization
- Staffing optimization
- Patient throughput optimization

What are the operational capabilities required for the opportunity?

- Physical space requirements
- Regulatory constraints (e.g., Joint Commission, state licensing)
- Technology requirements
- Care intensity

Note: Desirability, Viability, and Feasibility are ranked on a qualitative, subjective scale. **Sources:** \(^1\)Commonwealth Fund \(^2\)UHC Obstetrics Policy \(^3\)NYT Birth Center \(^4\)ASHP Site of Care Infusion \(^5\)JADPRO \(^6\)Hopkins Payment Policy \(^7\)ACS Clinical Trials \(^8\)AAC \(^9\)HHS

Can the low margin service of Labor & Delivery be offered in a more cost-effective setting

Labor & Delivery



L&D closures in rural settings have dramatically reduced access to birthing services¹. Alternatively, health systems can offer L&D care in the Tier 2 setting – similar to birth centers² – for low-risk pregnancies to maintain access. Business viability is strong as payment is irrespective of service delivery location³; feasibility is contingent upon pregnancy risk and ability to provide anesthesia services.



What are the economic and business benefits of the opportunity?

- · Capital expenditure reduction
- · Physical capacity optimization
- Staffing optimization
- Patient throughput optimization

What problem(s) is the opportunity solving for stakeholders?

- Access for patients
- Margin for administrators
- 'Top of license' time for clinicians
- Capacity utilization for community partners



What are the operational capabilities required for the opportunity?

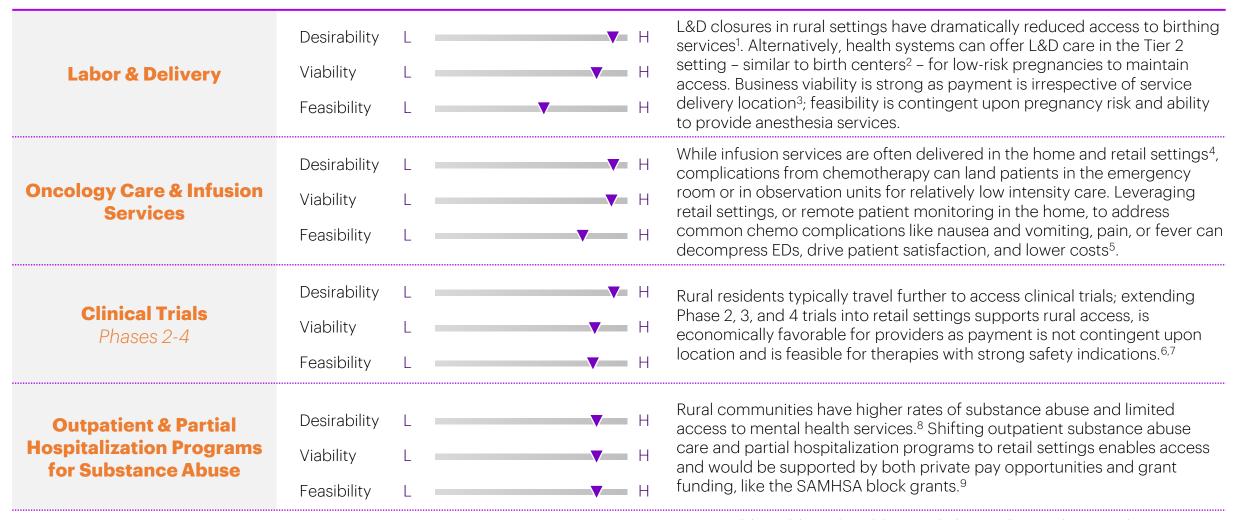
- Physical space requirements
- Regulatory constraints (e.g., Joint Commission, state licensing)
- Technology requirements
- Care intensity

Note: Desirability, Viability, and Feasibility are ranked on a qualitative, subjective scale. **Sources:** ¹Commonwealth Fund ²UHC Obstetrics Policy ³NYT Birth Center ⁴ASHP Site of Care Infusion ⁵JADPRO ⁶Hopkins Payment Policy ⁷ACS Clinical Trials ⁸AAC ⁹HHS

L&D, Clinical Trials, Oncology Care, and Substance Abuse care may better serve rural communities in Tier 2

Labor & Delivery	Desirability Viability Feasibility	L H	L&D closures in rural settings have dramatically reduced access to birthing services ¹ . Alternatively, health systems can offer L&D care in the Tier 2 setting – similar to birth centers ² – for low-risk pregnancies to maintain access. Business viability is strong as payment is irrespective of service delivery location ³ ; feasibility is contingent upon pregnancy risk and ability to provide anesthesia services.
Oncology Care & Infusion Services	Desirability Viability Feasibility	L H	
Clinical Trials Phases 2-4	Desirability Viability Feasibility	L H	
Outpatient & Partial Hospitalization Programs for Substance Abuse	Desirability Viability Feasibility	L H	

L&D, Clinical Trials, Oncology Care, and Substance Abuse care may better serve rural communities in Tier 2



Note: Desirability, Viability, and Feasibility are ranked on a qualitative, subjective scale. **Sources:** ¹Commonwealth Fund ²UHC Obstetrics Policy ³NYT Birth Center ⁴ASHP Site of Care Infusion ⁵JADPRO ⁶Hopkins Payment Policy ⁷ACS Clinical Trials ⁸AAC ⁹HHS

CARE ANYWHERE

Case Studies

Lower Margin Services | First Movers

Several lower margin services have already shifted into Tier 1 and Tier 2 settings



Primary Care



Emergency Services



Dialysis



Sleep Studies

Traditionally delivered in...

 Outpatient or ambulatory brick-andmortar settings

Now being delivered in...

- Retail locations (e.g., CVS, Walmart)¹
- Virtual and online settings²



one medical



Traditionally delivered in...

· Both inpatient and outpatient settings

Now being delivered in...

- Urgent care and retail settings³
- Virtual settings (e.g., triage)⁴
- Free standing ER facilities⁵





¬NewYork-Presbyterian

Traditionally delivered in...

Inpatient settings or a dialysis outpatient unit

Now being delivered in...

- Homes⁶
- Retail locations (e.g., DaVita)⁶
- Skilled Nursing Facilities⁷







Traditionally delivered in...

Outpatient settings

Now being delivered in...

- Homes⁸
- Hotels⁹
- Virtual and online settings¹⁰



VANDERBILT VALEALTH





Sources: 1RAND 2CVS Health 3Concentra 4NYP ER Telemedicine 5HCA Healthcare 6DaVita Treatments 7DaVita SNF 8Stanford Sleep Study 9Vanderbilt Sleep Study 10Project Baseline Study

SKILLED NURSING FACILITY

For example, SNF can be targeted at several appropriate locations of care.

Patient Criteria:

- Ability to pay for Home Health
- In a safe and appropriate house **Hospital to SNF:**
- Lower acuity
- Discharged to home from SNF within 7 days
- Low ADL score on admission to SNF
- Fits target diagnosis:
- CHF Exacerbation
- o COPD Exacerbation
- Cerebral infarction
- o Fracture
- Surgical aftercare
- Cellulitis
- Pneumonia
- Pvelonephritis
- Gastroenteritis &

- Colitis
- Dehydration
- Rhabdomyolysis
- o COVID-19
- Multiple Sclerosis Flare
- o Clostridium Difficile
- Acute Gout Flare

- No weapons
- Family and/or caregiver support

Rapid Discharge:

- Higher acuity but stable
- Stayed in SNF for more than 30 days

aftercare

Upper limb

fracture

Wound

- Low ADL score after 20 days
- Congestive heart failure
- Cerebral infarction
- Fracture
- Surgical aftercare
 Diabetes
- Cellulitis
- Orthopedic

Patient Criteria: (like Tier 1 except)

- Unsafe or inappropriate house
- No consistent family member or caregiver support
- Weapons in the home
- Moderate acuity including addition diagnosis:
 - New strokes

- o High rehabilitation potential
- New joint replacements

Ability to Perform:

- Meets Level I or II intermediate (observation/inpatient) or Level III extensive
- Synchronous telemetry or no telemetry
- Manage complex medications and wound management
- Typical SNF level care and interactions with roles supported by virtual clinicians

Resource Requirements:

- Audio and video through broadband along with telemetry
- Other infrastructure set up
- Virtual clinical support plus trained staff mobile to the home
- · Mobile lab, imaging, ancillaries

Patient Criteria:

 Patient condition is critical and may be complex from comorbidities

Ability to Perform:

- Level IV intensive care which might include ventilator management
- Adhoc or planned lab, imaging, and other ancillary services are onsite

Resources Required:

In-person access to staff and ancillary services



Ability to Perform:

- Meets intermediate (observation/inpatient) level of care or higher
- No synchronous telemetry
- Typical SNF level care and interactions with roles supported by virtual clinicians **Resource Requirements:**
- · Audio and video through broadband
- Other infrastructure set up
- Virtual clinical support plus trained staff mobile to the home



Tier 2: Ambulatory/Post-Acute Site (space, staff, technology)

TIER 2 Examples for Alternatives to SNF@Home or Traditional

Skilled Nursing Facility

A care delivery model aimed at delivering a SNF-level of care near a patient's home, without sacrificing the quality of care delivered in a facility setting. Skilled care is supplemented with wraparound services catering to holistic patient needs



Location Criteria

- Adaptable Infrastructure
 Facility can be outfitted* for care
- Commonplace Facility should be common to most communities
- Mission-Aligned
 Ownership should be aligned to the healthcare mission
- 4 Strategically Beneficial
 Represents an attractive business opportunity for all parties
- Accessible Facility / location is easily accessed by community members
- 6 Secure & Safe Facility is secure and in a safe location
- 7 Excess Capacity
 Facility has excess capacity that is available for extended periods

Relevant Examples



CAHs, Nursing Homes & Assisted Living Facilities

Critical Access Hospitals and residential nursing facilities fit all location criteria and are the 'status quo' option



Hotels

Hotels operating below capacity allow for private care to be delivered comfortably and conveniently



Schools & Universities

Schools & universities have extra capacity – in both classrooms and residence halls – during off periods



Unused Retail Space

Shopping malls and seasonal retailers have been left with excess space with the shift to digital retail



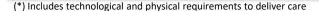
Unused Homes

Airbnbs, rental properties, and second homes are comfortable environments to outfit for care



Places of Worship

Churches, synagogues, mosques, and the like are all mission-oriented and operate below capacity



A recent review by clinicians supporting care to the veteran population identified the following expectations across typical specialties. Each will be impacted by a specific patient.

Diagnostic Opportunities:

- Audiology*
- Behavioral Health Prescribing
- Behavioral Health Psychotherapy
- Cardiology*
- Dialysis
- Dermatology*
- Endocrinology
- Gastroenterology
- · General Surgery
- Hematology and Oncology
- Infectious Diseases
- Nephrology
- Neurological Surgery
- Neurology
- Neuropsychology
- Nutrition/Dietetics
- · Orthopedic Surgery
- Otolaryngology*
- Pain Management

Informational Pre-/Post-Care Opportunities:

· All specialties

- Physical Medicine and
- RehabilitationPhysical Therapy/Occupational Therapy
- Plastic Surgery
- Podiatry
- Primary Care*
- Rheumatology
- Sleep Medicine
- Speech Therapy
- Urology

Diagnostic Opportunities:

- Allergy and Immunology
- Audiology
- Cardiology
- Dentistry*
- Dermatology
- Obstetrics and Gynecology
- Ophthalmology*
- Optometry*
- Otolaryngology
- Primary Care
- Pulmonary Diseases
- Radiology*
- Thoracic and Cardiovascular Surgery

Diagnostic Opportunities:

- Acupuncture
- Chiropractic
- Dentistry
- Ophthalmology
- Optometry
- Radiation Oncology (see Hematology and Oncology)

Tier 2: In-Person Ambulatory

Radiology

Emergent Care:

 Patient condition is emergent and complex from comorbidities

*Capability may require movement of resources, such as mobile ancillaries, labs, images as well as people. Relies on the ecosystem of partners as well as workforce strategies



Tier 2: Alternative Site of Care (space, staff, technology)





Tier 3 or 4: Specialty₄Consult In-Person

NEUROPSYCHOLOGY DIAGNOSTIC/FOLLOW-UP

For example, in Neuropsychology care can be targeted based on patient capability and desired level of care.

Patient Criteria:

- Patient condition, mental state, and living situation are appropriate
- Patient is complying with medications and requires periodic support
- Patient can consent to care at home

Ability to Perform:

- Treatment is self-administered but watched by remote clinician
- Store, forward, documentation of diaries
- Verbal reinforcement of treatment and compliance
- Planned lab, imaging, ancillary services
- Patient, caregiver, or trained staff support the following:
 - o Ready assessments including WAIS-IV Digit Span, WAIS-IV Similarities, HVLT-R, Semantic Fluency, Letter Fluency
- Stimulus materials including MoCA, TOPF, Streep Test, Ors SDMT, WAIS-IV Vocabulary, BNT-2, Trial Making Test

Resource Requirements:

- · Audio and video through broadband
 - Mobile lab, imaging, ancillaries **Mobile Ancillaries**

Trained staff mobile to the home

Mobile Trained Staff

Patient Criteria:

- Patient would benefit from additional education. reinforcement, or review of medications
- Patient's living condition or mental state are not appropriate for staff to provide care at home

Ability to Perform:

- Staff administer treatment and a remote clinician
- Staff support document or image review
- Staff training on treatment and compliance
- Planned lab, imaging, ancillary services
- Trained staff support the following:
 - Use of examination methods requiring assistance required including WAIS-IV Block Design, WMS-IV Visual Reproduction, WAIS-IV Matrix Reasoning, Rey Complex Figure Test and Recognition Trial (RCFT)

Resource Requirements:

- · Audio and video through broadband
- Trained staff mobile to the home
- · Mobile lab, imaging, ancillaries



Patient Criteria:

 Patient condition or progress has changed and would benefit from detailed review

Ability to Perform:

- Provider and ancillary staff can perform a full range of neuropsychology tests, diagnosis and treatment
- Adhoc or planned lab, imaging, and other ancillary services are onsite or near

Technology Required:

 In-person access to staff and ancillary services

Workforce

Tier 2: In-Person Ambulatory

Patient Criteria:

 Patient condition is emergent and complex from comorbidities

Ability to Perform:

- Provider and ancillary staff can perform a full range of neuropsychology tests, diagnosis and treatment
- · Adhoc or planned lab, imaging, and other ancillary services are onsite

Technology Required:

 In-person access to staff and ancillary services





Tier 2: Alternative Site of Care (space, staff, technology)

DEVICE ORIENTED DIAGNOSTIC/FOLLOW-UP

Vendors, such as Sensoria Health, focus on technologies that enhance Tier 1 and 2 flexibility, but tie to Tier 2 in-person approaches

Patient Criteria:

- Patient condition requires near continuous monitoring post procedure or as part of ongoing management
- Patient or care giver demonstrate ability to manipulate and manage sensor technology
- · Patient can consent to care at home

Ability to Perform:

- · Monitor movement and or health status based on device capability
- Perform diagnostic or follow up examination. May require trained staff or care giver support for examination
- Examination or treatment watched by remote clinician
- Store, forward, documentation of diaries
- · Verbal reinforcement of treatment and compliance
- · Planned lab, imaging, ancillary services
- Patient, caregiver, or trained staff support the following:



- · Audio and video through broadband
 - · Trained staff mobile to the home
 - Mobile lab, imaging, ancillaries



Patient Criteria:

- Patient would benefit from additional education. reinforcement, or review of medications
- Patient or caregiver living situation or home capability not conducive to the examination requirements

Ability to Perform:

- Staff administer treatment and a remote clinician
- · Staff support document or image review
- · Staff training on treatment and compliance
- Planned lab, imaging, ancillary services
- Trained staff support the following:
 - o Patient sensor with trained staff manipulation
 - o Clinician sensor system with trained staff

Resource Requirements:

- · Audio and video through broadband
- · Trained staff mobile to the home
- · Mobile lab, imaging, ancillaries

Patient

Patient Criteria:

 Patient condition or progress has changed and would benefit from detailed review

Ability to Perform:

- Provider and ancillary staff can perform a full range of tests, diagnosis and treatment with patient or clinician system
- · Adhoc or planned lab, imaging, and other ancillary services are onsite or near

Technology Required:

- Full range of technology support
- · In-person access to staff and ancillary services

Patient Criteria:

· Patient condition is emergent and complex from comorbidities

Ability to Perform:

- Provider and ancillary staff can perform a full range of tests, diagnosis and treatment with clinician system
- · Adhoc or planned lab, imaging, and other ancillary services are onsite

Technology Required:

- Full range of specialized technology support
- In-person access to staff and ancillary services



Tier 2: In-Person Ambulatory

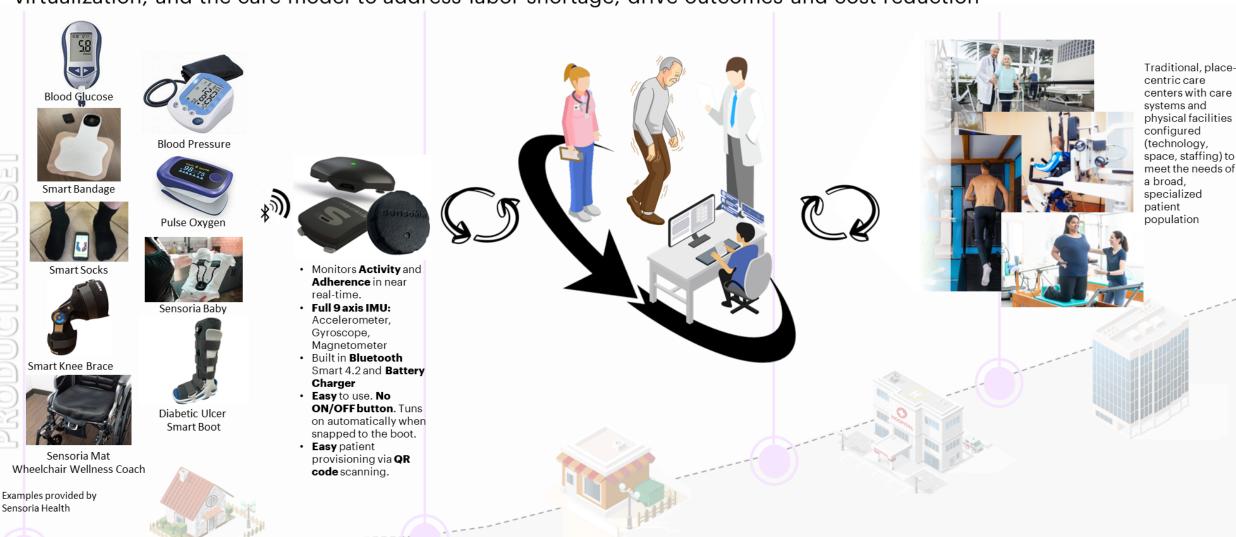


Tier 2: Alternative Site of Care (space, staff, technology)

Tier 3 or 4: Specialty Consult In-Person

PERSONALIZED CARE & CARE PLATFORMS

Care Anywhere orchestrates the personalization and supply of care delivery focusing on mobility, virtualization, and the care model to address labor shortage, drive outcomes and cost reduction



Tier 1: Home / Patient Mobility

Tier 2: I

Tier 3 or 4: Specialty Consult



Greg Smith
Virtual Health Lead
Accenture
g.l.smith@accenture.com

Thank You