

Meeting of the Care Delivery Transformation Committee

January 14, 2020



AGENDA

- Call to Order
- Approval of Minutes from October 2, 2019 Meeting
- Investment Program: MassUP Funding Opportunity Update
- ACO Certification: 2019 Application Results
- Substance Exposed Newborns Investment Program: Stakeholder Engagement and Initial Design Parameters
- Awardee Presentation: Hebrew SeniorLife
- Schedule of Next Meeting (May 6, 2020)



AGENDA

- Call to Order
- Approval of Minutes from October 2, 2019 Meeting
- Investment Program: MassUP Funding Opportunity Update
- ACO Certification: 2019 Application Results
- Substance Exposed Newborns Investment Program: Stakeholder Engagement and Initial Design Parameters
- Awardee Presentation: Hebrew SeniorLife
- Schedule of Next Meeting (May 6, 2020)



VOTE: Approving Minutes

MOTION: That the Commission hereby approves the minutes of the Commission meeting held on **October 2, 2019** as presented.



AGENDA

- Call to Order
- Approval of Minutes from October 2, 2019 Meeting
- Investment Program: MassUP Funding Opportunity Update
- ACO Certification: 2019 Application Results
- Substance Exposed Newborns Investment Program: Stakeholder Engagement and Initial Design Parameters
- Awardee Presentation: Hebrew SeniorLife
- Schedule of Next Meeting (May 6, 2020)

MassUP Vision:

Better health, lower costs and reduced health inequities — across communities and populations in Massachusetts — through effective partnerships between government, health care systems, and communities to address the social determinants of health (SDoH).

- A partnership across state agencies: DPH, MassHealth, AGO, EOEA, and HPC
- Goal: to engage in policy alignment activities and make investments to support health care system-community collaborations to more effectively address the "upstream" causes of poor health outcomes and health inequity





RFP issued on December 17, 2019

The RFO solicits Proposals from **Eligible Entities (Applicants)** on behalf of themselves and **Partners** seeking support to form a **Partnership** that will work to address upstream challenges to and enable sustainable improvements in community health and health equity.





Investment Program Procurement Process



December 2019

- RFP issued
 December 17
- Began collecting and processing questions from stakeholders

January 2020

- Info Session webinar held January 9
- Respond to questions via FAQ documents posted to COMMBUYS

Feb./March 2020

- All respondent questions due by 3:00 PM, Feb. 7
- Proposals due by 3:00 PM, Feb. 21
- Review and selection process through March

April 2020

- Present awards for HPC Board approval on April 1
- Begin contracting, with June 1 target date for program launch



Reviewed key features of the MassUP investment program RFP such as:

- Important definitions
- Funding opportunity basics and key requirements
- Planning and Implementation Period activities
- Measurement and reporting process
- Funding disbursement and budgeting processes



Highlights:

>170 participants



 Attendees represented provider organizations, including HPC-certified ACOs, hospitals, BH and LTSS providers; CBOs; advocacy groups; local government; and other stakeholders

To view this webinar and access the MassUP investment program RFP, see COMMBUYS: <u>https://www.commbuys.com/bso/external/bidDetail.sdo?docId=BD-20-1055-HPC01-HPC-46702&external=true&parentUrl=bid</u>





AGENDA

- Call to Order
- Approval of Minutes from October 2, 2019 Meeting
- Investment Program: MassUP Funding Opportunity Update
- ACO Certification: 2019 Application Results
- Substance Exposed Newborns Investment Program: Stakeholder Engagement and Initial Design Parameters
- Awardee Presentation: Hebrew SeniorLife
- Schedule of Next Meeting (May 6, 2020)

ACOs Certified in 2019

- Atrius Health, Inc.
- Baycare Health Partners, Inc.
- Beth Israel Lahey Performance Network
- BMC Health System, Inc.
- Cambridge Health Alliance
- Children's Medical Center Corporation
- Community Care Cooperative, Inc.
- The Mercy Hospital, Inc.



- Partners HealthCare System, Inc.
- Reliant Medical Group, Inc.
- Signature Healthcare
 - Southcoast Health System, Inc.
- Steward Health Care Network, Inc.
- Wellforce, Inc.

ACOs Eligible for Re-Certification in 2020

- Health Collaborative of the Berkshires, LLC
- Merrimack Valley Accountable Care Organization, LLC
- Mount Auburn Cambridge Independent Practice Association, Inc.





"First Look" at Re-Certified ACOs

An initial summary of application responses from 14 HPC-certified ACOs shows:



43% of ACOs reported that 10% or more of provider compensation is **performance-based**



79% of ACOs have at least one **hospital** as an ACO Participant



Strategies for reducing **low-value care** are most common with respect to imaging services (13 ACOs) and inappropriate prescribing (12 ACOs)

Risk contracts across the 14 HPC-Certified ACOs:

- 69 commercial
- 13 Medicare ACO
- 15 MassHealth ACO

Approximately 2.8 million MA patients are served under commercial, Medicare ACO, or MassHealth ACO risk contracts*





82% of risk contracts, representing 91% of covered lives, have downside risk

7 of 14 ACOs hold at least one commercial PPO risk contract



Data Available for Further Analysis and Potential L+D Opportunities

For Public Reporting

Lists of ACO Participants

- Names of payers with whom ACOs have risk contracts, years that risk contracts began and end, number of attributed patients per risk contract, and whether each risk contract contains downside risk
- Organizational charts of ACO governance structures
- Descriptions of patient and family advisory committees
- Publicly available narratives on ways the governance structure(s) seeks to be responsive to the needs of its patient population

For Public Reporting with Consent, or in Aggregate

- Risk contract product types, number of years risk experience with payer, maximum amounts of risk, payment methodologies
- Descriptions of population health management programs
- Methodologies for distributing shared savings and losses
- Approach to using performancebased compensation models
- Strategies for addressing areas of low-value care
- Strategies for advanced primary care and BH integration





AGENDA

- Call to Order
- Approval of Minutes from October 2, 2019 Meeting
- Investment Program: MassUP Funding Opportunity Update
- ACO Certification: 2019 Application Results
- Substance Exposed Newborns Investment Program: Stakeholder Engagement and Initial Design Parameters
- Awardee Presentation: Hebrew SeniorLife
- Schedule of Next Meeting (May 6, 2020)

Related Investments in Care for Substance Exposed Newborns



Purpose of Next Investment

Extend impact of previous investments to:



Post-discharge to six months post-partum Beyond six months postdischarge

Support Massachusetts providers in implementing models of care and services that better address medical, behavioral, and social needs of substance exposed newborns and their families beyond the hospital, after discharge, and into outpatient follow-up care



Stakeholder Engagement to Date











The Massachusetts Chapter



EXCEPTIONAL CARE. WITHOUT EXCEPTION.





Southcoast Health





Themes from Discussions with Stakeholders

Opportunities and potential value

- While many successful investments have focused on inpatient and immediate post-partum care, it would be valuable to have investments target six months post partum and beyond¹
- Innovative, integrated care models coordinate children's care with their parents' and are already demonstrating potential to improve continuity from inpatient to post-discharge care
- Partnership and coordination with early intervention providers, social service agencies, and other local institutions through referrals and transitions are essential
- Investment in targeted care models may help facilitate additional study of substance exposed newborns and their outcomes, which has been limited

Clinical and operational considerations

- There has been insufficient academic study of substance exposed newborns, so no standard of care or clinical protocol exists specifically for this population
- Mothers' experiences of stigma and fear of separation from their children complicate care.
- A few promising local models have been funded by donations, small grants, or funds reserved from system margins
 – a challenging prospect for sustainability in settings with fewer resources
- Workforce shortages concern local providers
- It is important to clearly define a target population (e.g., SEN, NAS, opioid exposure)



¹Recent, local research has identified increased risk of overdose and reduced service provision after six months post-partum. Schiff DM, Nielsen T, Terplan M, Hood M, Bernson D, Diop H, Bharel M, Wilens TE, LaRochelle M, Walley AY, Land T. Fatal and nonfatal overdose among pregnant and postpartum women in Massachusetts. Obstetrics & Gynecology. 2018 Aug 1;132(2):466-74.

Local AMC-based, Integrated Models

SOFAR (BMC)

Pediatric-focused model that also cares for women in recovery post-partum

Care coordination, linkage to outside resources and social services, peer support, same-day contraceptive access Patient populations



Services for mothers*



Services for infants



HOPE Clinic (MGH)

Maternal-focused model that cares for pregnant women, women up to two years postpartum, and their infants

Prenatal and primary care,

family planning and contraception, breastfeeding support, access to MAT, psychiatry, counseling, social services, parenting education, peer support

NAS monitoring, primary care

and access to pediatric

specialists, El referral

Primary care, pediatric infectious disease care, developmental assessment, linkage to El, social work support





Support providers creating or expanding integrated models of care

Fund coordinated programs involving primary care, OB/GYN, hospital-based programs, early intervention providers, and other services for both mothers and children.

Foster sustainable clinical and community partnerships to improve care for substance exposed newborns and their families



Bolster continuum from inpatient care to post-discharge care. Augment formal and informal resources and partnerships between health care and other types of organizations. Coordinate appropriate responses with social service agencies and organizations.



Acknowledge and respect unique features of the population Address stigma as a persistent barrier to care for mothers of substance exposed newborns. Consider the needs of two patients at a time and streamline their care as much as possible.



Align with other efforts

Sustain successful elements of investments from HPC and DPH. Build upon existing partnerships and infrastructure, including data collection and measurement.



Proposal Overview

Investment Program

- **Competitive grant opportunity** for Massachusetts providers, including:
 - CHART-eligible hospitals (with some funds earmarked especially for them)
 - Non-CHART-eligible hospitals
 - ACOs
 - Primary care providers
 - Behavioral health providers
- Funds will be used to develop an integrated, team-based care model
- Additionally, funds can be used to collect and analyze data to add to the evidence on long-term outcomes for SEN

TA and Evaluation

- HPC plans to contract with an expert organization to:
 - Convene the investment program awardees to facilitate shared learning
 - Evaluate the investment program overall



Potential Components of Proposed Models

HPC

	Building capacity to support recovering parents in pediatric settings		Overcoming patients' logistical barriers to care (e.g., transportation)
Tracking and following patients post- discharge	0,000	Promoting partnerships to improve integration of medical, behavioral, and social services	
	Offering home- based services including social work, medical care, and peer support		Implementing validated screening instruments or developmental assessments



AGENDA

- Call to Order
- Approval of Minutes from October 2, 2019 Meeting
- Investment Program: MassUP Funding Opportunity Update
- ACO Certification: 2019 Application Results
- Substance Exposed Newborns Investment Program: Stakeholder Engagement and Initial Design Parameters
- Awardee Presentation: Hebrew SeniorLife
- Schedule of Next Meeting (May 6, 2020)

SHIFT-Care Investment Program

A \$10 million opportunity to address the whole-person needs of patients and reduce avoidable acute care use through innovative care models.

15 awards, with a focus on:

Health-related social needs

Timely access to BH

Evidence-based OUD care





Right Care, Right Place, Right Time Effectively Integrating Senior Care and Housing

HSL's R3² Initiative

Brief Overview & Update for The Health Policy Commission

January 14th, 2020

The Power to Redefine Aging.





HARVARD MEDICAL SCHOOL AFFILIATE

Hebrew SeniorLife Our DNA: One Commitment – Redefine the Experience of Aging

Reimagine Senior Living

Continuing Care Communities

- NewBridge on the Charles
- Orchard Cove
- Supportive Housing Sites
 - Center Communities of Brookline
 - Jack Satter House
 - Simon C. Fireman Community

Rediscover Every Senior's Potential Through Research

•Aging Brain Center •Syncope & Falls •Translational Research Center for Musculoskeletal Research •Genetics & Geriomics •Quality of Care/Standards



Redefine Senior Health Care

Home & Community Based

- Home Care
- Geriatric Primary Care
- Outpatient Care
- Hospice

Facility Based

- Medical Acute Care
- Rehabilitative Care
- Long-term Care

... and Teaching

- Medical Students
- Residents & Fellows
- Nursing & Therapies
- Interns

Recognize the Power of Partnerships Reach out for Philanthropic Support





Supportive Housing "A Day in The Life"



Center Communities

of Brookline Hebrew SeniorLife

Right Care, Right Place, Right Time

Effectively Integrating Senior Care and Housing

The Opportunity & The Challenge: A Housing and Healthcare Disconnect

Opportunity

Effectively Deliver on Better Care, Better **Outcomes, and Lower Cost**

- Population health approach to caring for frail seniors living in a congregate setting
- Low cost, service enriched environment with eyes on approach by staff in all departments
- One place-based team with intimate knowledge and strong relationships with residents serving as the link to providers and plans
- **Pooled resources** by payers to efficiently deploy resources for preventative services

Challenge

Fragmentation:

- Multiple payers without critical mass in each building
- Separate care managers for each plan, language, and frailty level – inefficient and infrequent visits

Systemic Issues:

- No system for **communication** between housing staff and health plans/providers
- Eligibility gaps for services needed to remain in independent setting
- Lack of evidence supporting outcomes





R3 Vision: A replicable, scalable, and sustainable model of housing with supportive services,

Enabling seniors to live independently as long as possible, receiving the right care in the right place at the right time Reducing healthcare cost and long term care costs



Total Funding, Scope, and Evaluation of R3 & R3²

Combined Funding Sources of \$2M	 Health Policy Commission MassHousing DHCD Enterprise Beacon Communities Beacon Communities Boston Scientific 	
7 Sites 1,100 Residents 400 Enrollees	Brookline Region:HSL: Danesh, Cohen, and Goldman Residences Winn: The Village at BrooklineSouth Shore Region:HSL: Fireman Community MRE: Unquity House and Winter Valley	
Evaluation / Research	LeadingAge LTSS Center at UMass Boston •Qualitative & Quantitative •Pre/Post & Comparison Group Analysis	
Shift from R3 to R3 ²	Focus on key risk areas / lessons learned from R3 Strengthen partnerships Trial payment model; use results from R3 to make the case	





Baseline and Intervention Results – R3 Resident Trips to Hospital via Ambulance



Baseline Annual Total: Annualized Total R3 to date : Difference: 597 transfers 486 transfers 18.6% reduction

Note: Results above include trips for all residents living in intervention buildings, not specifically those enrolled in R3

% Difference by Site

Danesh	(18%)	MRE Unquit	y (4%)
Cohen	27%	MRE W.Val	(24%)
Goldman	(34%)	Fireman	(7%)
Winn TVAB	(36%)		





Qualitative Impact – Resident Quotes from Focus Groups

"Well, what they add is emotional support if you want to know the truth, that you do not get from your doctor and you can't get from your family because they're not always around." **R3:***Right Care, Right Place, Right Time* Effectively Integrating Senior Care and Housing

"I like the program very much. [Wellness Nurse] helped me organize my medications. She made a chart for me and I've got it hanging on my wall so I make sure I know what I'm taking."

"I have the sense that almost any physical or medical problem, I've got somebody to talk to. And the fact of being checked in with regularly does feel good."

"I can't begin to tell you what they did for him [husband when he came back from the hospital]. They moved heaven and earth. I had an army of people in and out of that apartment taking care of him." "I think the reason you're hearing such a love fest here is that we really are happy with something we didn't have before and now we have it and it's working."





Key Components of R3 and R3² Model

Resident	 400+ residents enrolled across 7 sites in two regions Baseline & follow up assessments completed with Vitalize 360 tool
Engagement	 250 control site members with assessments Monthly member newsletter

Partnerships	 Emergency responders: data, training Housing: open door, recruiting, eyes on, communication AAAs: care managers, evidence based programs Health plans: care teams, sustainability Mental health: referrals, awareness
	What matters most – assessments, risk groups
Interventions	 Assessments, med support, provider connection Monthly check in calls/data gathering Wellness programs (brain health, falls prevention, chronic disease mgmt.) Care manager collaboration and referral
	 Transitions management Closing the gap (needs & supports)

HARVARD MEDICAL SCHOOL

AFFILIATE

Hebrew

SeniorLife

Effectively Integrating Senior Care and Housing

R3² – New Components

Item	Measure	Description
Mental health	<pre># actively engaged in supports / # identified as in need of mh support</pre>	Utilize assessment data, call logs, and team input to determine need. Partner with local providers for support
Memory support	# with memory care support in place / # identified with cog decline	Utilize SPMSQ and mini cog to establish risk group. Connect with supports
Food Insecurity / Nutrition	<pre># connected to food source or nutritionist / # at risk for food insecurity or nutrition</pre>	Determine those at risk for lack of food (financial, access) or nutrition (weight loss, chronic cond). Connect to resources
Personal care	n/a	Provide additional onsite personal care for check-ins, 15 min care increments, and off peak coverage.
Transportation	n/a	Ensure transp needs met through connections to resources, education on options, and funding some rides
Financing model	n/a	Engage health plans, ACOs, hospitals, housing providers in trial of pooled payment model





Key Risk Areas – R3² Closing the Gap on Service Provision







Sustainability & Replicability

Multiple Work Streams in Progress During R3²

- 1) Financial modeling / payment trial
 - Pooled funding
 - Collaborative approach to public good investments
 - Convener model (central org: training, data, risk)
 - Potential for social impact bonds to be incorporated into one of the models

2) Replicability guide

- Creation of toolkit for others to utilize
- 3) Advocacy & Infrastructure (EOEA/MH/ASAPs/SCOs)
 - Payment approach design never contemplated housing as a platform concept




Sustainable Funding Model Pooled Funding Approach

Multiple Payers PACE Mass Health FFS SCO 3 SCO 2 CCA SCO 1 Tufts Mcre Adv 1 Tufts Medicare FFS Mcre Adv 2

- Results to share with health plans from R3
- Partnerships created with key payers
- Payment trial in progress with Tufts and CCA
- Success with inclusion of services in HUD contract rents
- Challenging to get critical mass
- Not all payers on board
- Most of population in fee for service (working on vehicles to capture \$)
- No systematic payment methodology supporting efficient, place-based services that impact health care



Pooled Funding Approach Payment Model Trial with Tufts and CCA

Key Components of R3² Trial

- Health plans invest \$580 per member per year
 (for covered lives in buildings)
 (current cost covers team + eval + program costs)
- Outcomes measures / goals established (flu shots, hc proxies, falls prevention, satisfaction, ED trips)
- Shared risk component

(10% of payment at risk if goals not achieved)

Collaboration on care model

(enhanced communication, shared tools/resources, streamlining)

 Commitment to design future financing model (quarterly meetings to test, modify, and plan)





R3:Right Care, Right Place, Right Time Effectively Integrating Senior Care and Housing



Challenges & Next Steps in R3²

Right Care, Right Place, Right Time

Effectively Integrating Senior Care and Housing



Continue Phase II interventions through June 2020

Secure additional health plans in payment trial and explore other models

Work with partners on policy and infrastructure that supports sustainability

Create replication guide for other housing sites/orgs to follow. Establish continuation plans.





Appendix

R3:*Right Care, Right Place, Right Time* Effectively Integrating Senior Care and Housing

> Additional Reference Information Hebrew SeniorLife & R3





Hebrew SeniorLife – At A Glance

- 116 year old organization
- 2,600 employees serving 3,500+ seniors across 8 campuses and communities, and in-homes
 - 1,500 units of senior living (independent and assisted)
 - 775 beds of long term chronic care, sub-acute, and rehab care
- \$240+ million in annual revenue
- 5th largest nonprofit in Massachusetts (per BBJ)
- Medical staff with 40 physicians and nurse practitioners
- Affiliated with Harvard Medical School
 - Largest aging research institute in a clinical care setting
 - 700+ clinical professionals trained annually
- Boston Globe Top Employer

The Power to Redefine Aging.







Center Communities of Brookline Brookline, MA



Jack Satter House Revere, MA



Orchard Cove Canton, MA



Hebrew Rehabilitation Center Roslindale, MA Simon C. Fireman Community Randolph, MA

HSL COMMUNITIES



NewBridge on the Charles Dedham, MA

HSL's approach allows us to proactively reach more populations of seniors







R3:Right Care, Right Place, Right Time

Effectively Integrating Senior Care and Housing

Our vision is to create a replicable, scalable, and sustainable model of housing with supportive services to enable seniors to live independently as long as possible, receiving the right care in the right place at the right time, while reducing healthcare cost and long term care costs for this growing population.







Aims and Key Performance Indicators for R3 & R3²



AFFILIATE

SeniorLife

LTSS Center @ UMass Boston Preliminary Report Out on Pre/Post Ambulance Data (15 mo baseline vs 18 mo intvn) Site Type Analysis

Table 1: Ambulance Transfers Pre- and Post-Intervention:Service-Enriched versus Sites with Some Services (per 100 residents)

	Monthly Transfers, Pre-Intervention	Monthly Transfers, Post-Intervention	Difference	Percent Change	P-value
Service-Enriched Sites	4.4	3.7	0.7	-14.8	0.0074
Other Sites	4.6	3.5	1.1	-23.7	0.0009
All Sites	4.5	3.7	0.8	-18.2	0.0001

Notes: Service-Enriched Sites include Danesh, Cohen, Goldman, and SCFC. Other Sites include Winter Valley, Unquity House, and TVAB.

LTSS Center @ UMass Boston Preliminary Report Out on QIO Medicare Claims Data Analysis

Data provided by HealthCentric Advisors

- The New England Quality Improvement Organization (QIO), which holds utilization data on participants in traditional Medicare
- Quarterly service utilization data obtained over 36 month period 18 months pre-R3 implementation and 18 months implementation
- Aggregate building-wide data for all residents (no individual data)
- Three sets of comparison sites (with data on more than 10,000 residents) R3 comparison sites, sites with service coord, sites without service coord

Key Findings

- When controlling for age, the rate of increase in inpatient hospitalizations in the intervention buildings was 19% lower than for control sites
- When controlling for age, the change in **ED admissions was lower** in intervention sites than in control sites



AGENDA

- Call to Order
- Approval of Minutes from October 2, 2019 Meeting
- Investment Program: MassUP Funding Opportunity Update
- ACO Certification: 2019 Application Results
- Substance Exposed Newborns Investment Program: Stakeholder Engagement and Initial Design Parameters
- Awardee Presentation: Hebrew SeniorLife
- Schedule of Next Meeting (May 6, 2020)

Upcoming 2020 Meetings and Contact Information

Boa	rd Meetings	Spe	cial Events
Wednesday, February 5 (+ANF) Wednesday, March 11 – Benchmark Hearing (Massachusetts State House, Gardner Auditorium - TBD) Wednesday, April 1	Wednesday, June 10 Wednesday, July 22 (+ANF) Tuesday, September 15 Wednesday, December 16	Advisory Council Wednesday, February 26 Wednesday, June 24 (+ANF) Wednesday, September 2	2020 Cost Trends Hearing Day 1: Tuesday, October 20 Day 2: Wednesday, October 21

