FY2020 Implementation Roadmaps June 26, 2019



Behavioral Health Plan

Implementation Roadmap



Implementation Milestones and Metrics: Q1 and Q2

Strategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
1. Develop Supporting Infrastructure	 Hire CMO Evaluate current FTEs Evaluate any additional infrastructure needs 	 CMO Hired Evaluation of FTEs completed Evaluation of infrastructure needs completed 	 Adjust FTEs as necessary Additional FTEs defined 	 Adjustment of FTEs completed Defined additional FTEs
2. Primary Care/ Behavioral Health Integration (PCBHI)	 Finalize hiring of Behavioral Health Navigators FY 19 PCBHI data to be obtained and evaluated Identify best strategy(s) for FY 20 expansion Evaluate and identify Telebehavioral Health option(s) for PCBHI Evaluate and identify sites for physical FTE expansion Obtain approval from VDMAS on applications submitted 	 Behavioral Health Navigators successfully onboarded Obtain and evaluate FY 19 PCBHI data Best strategy(s) for FY 20 expansion identified Telebehavioral Health option(s) for PCBHI identified and evaluated Sites for physical FTE expansion evaluated and identified VDMAS approval obtained on submitted applications Number of practices with behavioral health access Patient satisfaction for Ballad PCBHI practices Number of referrals from a Ballad PCBHI model to a behavioral health specialist (Frontier to provide) Number of patients treated by a Ballad PCBHI program 	 Complete appropriate credentialing of staff Finalize billing components 	 Appropriate staff credentialed Billing components finalized Number of practices with behavioral health access Patient satisfaction for Ballad PCBHI practices Number of referrals from a Ballad PCBHI model to a behavioral health specialist (Frontier to provide) Number of patients treated by a Ballad PCBHI program

Implementation Milestones and Metrics: Q1 and Q2

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Strategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
3. Supplement Existing Regional Crisis	 Hire/Onboard Behavioral Health Navigators for SBIRT expansion 	Behavioral Health Navigators for SBIRT expansion opboarded	Evaluate the number of Behavioral Health Navigators necessary for SBIRT	Behavioral Health Navigators for SBIRT expansion identified
Regional Crisis System	 SBIRT expansion Implement SBIRT Phase 1 expansion Evaluate impact of Respond expansion in TN facilities Purchase 2 vehicles for TN transportation Implement Pilot in Bristol, TN school system Identify QPR trainer education for Behavioral Health team members Identify QPR trainers from in house staff 	 expansion onboarded SBIRT expansion to SSH, UCCH, JCCH Completed evaluation of Respond expansion in TN facilities Pilot in Bristol, TN school system implemented QPR trainer education identified Behavioral Health in house team members identified for QPR training Complete contract for REACH education 	 necessary for SBIRT expansion for next phase Implement SBIRT Phase 2 expansion Identify additional resources needed to support Respond growth Hire/Onboard Transportation Services team members Implement education for awareness of transportation services Identify additional school sites for expansion Develop plan for school 	 SBIRT expansion to Greeneville Market Additional resources identified for Respond growth Transportation Services Team Members onboarded Education on processes to follow for transportation services implemented Sites identified for additional school expansion School expansion plans developed QPR training plan identified and implemented for all of
	 Contract for REACH education to physicians Identify physicians for REACH education Determine capital needs to open 24/7 walk-in capacity at Ridgeview and Woodridge 	 Physicians identified to receive REACH education Capital needs identified for 24/7 walk-in capacity at Ridgeview and Woodridge Plan developed and Number of SBIRTs 	 expansion to include necessary resources Roll out plan for Ballad Health Behavioral Health Team Members to obtain QPR training Host REACH education Determine FTE needs to 	 Behavioral Health team members REACH education hosted on site FTEs identified for support of 24/7 walk-in capacity at Ridgeview and Woodridge
4	 Develop plan to provide trauma informed education for front-line team members 	 Respond volumes Number of school-based tele-behavioral visits Number of transportation vehicles Number of behavioral health transports 	 support 24/7 walk-in capacity at Ridgeview and Woodridge Deploy trauma-informed education for front-line team members 	 Education deployed Number of SBIRTs Respond volumes Number of school-based telebehavioral visits Number of transportation vehicles Number of behavioral health

Milestones and Metrics for Measuring Strategies: 2020

Implementation Milestones and Metrics: Q1 and Q2

Strategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
4. Enhanced and Expanded Resources for Addiction Treatment	 Continued support of Frontier RATC expansion Develop plan for provider education related to medication assisted treatment Develop plan for peer recovery support expansion Engage consultant for evaluation of RATC and other services focused on pregnant mothers 	 Funding as budgeted Increase in numbers served (Frontier to provide) Plan complete Evaluate response to provider education Plan complete Consultant hired Number of facilities with access to peer recovery support Number of patients receiving MAT Number of providers receiving MAT education 	 Continued support of Frontier RATC expansion Market educational programming to providers Expand peer recovery to identified locations Determine next steps based on consultant and key stakeholder involvement 	 Funding as budgeted Increase in numbers served (Frontier to provide) Marketing complete Evaluate response to provider education Initial sites in place Planning underway for addiction services Number of facilities with access to peer recovery support Number of patients receiving MAT Number of providers receiving MAT education



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Implementation Roadmap Milestones and Metrics for Measuring Strategies: 2020 Implementation Milestones and Metrics: Q3 and Q4

Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
1. Develop Supporting Infrastructure	 Hire / Onboard identified additional FTEs 	• Successful Onboarding of additional FTEs	 Identify Y3 quarterly targets and timelines 	• Y3 milestones and metrics accepted
2. Primary Care/ Behavioral Health Integration (PCBHI)	 Begin providing services under preferred OBOT status Implement Telebehavioral Health option 	 Services provided under 'preferred OBOT status' Telebehavioral Health option implemented Number of practices with behavioral health access Patient satisfaction for Ballad PCBHI practices Number of referrals from a Ballad PCBHI model to a behavioral health specialist (Frontier to provide) Number of patients treated by a Ballad PCBHI program 	 Explore the needs of additional Preferred OBOT services for the region Evaluate impact of Tele-behavioral Health option Identify Y3 quarterly targets and timelines 	 Additional needs for preferred OBOT status identified Telebehavioral Health impact evaluated Number of practices with behavioral health access Patient satisfaction for Ballad PCBHI practices Number of referrals from a Ballad PCBHI model to a behavioral health specialist (Frontier to provide) Number of patients treated by a Ballad PCBHI program Y3 milestones and metrics accepted



Implementation Roadmap Milestones and Metrics for Measuring Strategies: 2020 Implementation Milestones and Metrics: Q3 and Q4

Strategies Q3 Milestones Q3 Metrics	Q4 Milestones	Q4 Metrics
 Supplement Existing Regional Crisis System Evaluate the number of Behavioral Health Navigators necessary for SBIRT expansion for next phase Implement SBIRT Phase 3 expansion Continue renovations for 24/7 walk-in capacity at Ridgeview and Woodridge Develop standard work for 24/7 walk- in capacity Develop standard work for 24/7 walk- in capacity Continue deployment of trauma informed care education to front line team members Any additional FTEs identified SBIRT expansion to JMH,RCH,NCH,DCH,LPH,M VH Renovations continued Standard work implemented Continue Respond volumes Number of SBIRTs Respond volumes Number of transportation vehicles Number of behavioral health transports 	 Evaluate the number of Behavioral Health Navigators necessary for SBIRT expansion for next phase Implement SBIRT Phase 4 expansion Evaluate future location for Respond Evaluate transportation need in VA Evaluate school pilot program(s) Roll out plan for Ballad Health Team Members to obtain QPR training Evaluate REACH program with data provided Communicate/Market Services Complete renovations for 24/7 walk-in capacity at Ridgeview and Woodridge Develop plan to provide ongoing trauma informed care education and expand to non-front line team members on Identify Y3 quarterly 	 Any additional FTEs identified SBIRT expansion to Hancock, Hawkins, IPCH Future location identified for Respond Transportation needs in VA evaluated and identified School based pilot program evaluated Ballad Health Team Members to receive ongoing QPR training REACH program evaluated with data provided Communication to community of 24/7 walk-in capacity on going Future education plan developed Renovations complete Number of SBIRTs Respond volumes Number of transportation vehicles Number of behavioral health transports Y3 milestones and metrics

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Milestones and Metrics for Measuring Strategies: 2020

Implementation Milestones and Metrics: Q3 and Q4

Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
4. Enhanced and Expanded Resources for Addiction Treatment	 Continued support of Frontier RATC expansion Evaluate impact of provider MAT education and adjust as necessary Continue expansion of peer recovery Timeline and Budget in place for addiction services for pregnant women 	 Funding as budgeted Increase in numbers served (Frontier to provide) Completed timeline and budget Number of facilities with access to peer recovery support Number of patients receiving MAT Number of providers receiving MAT education 	 Continued support of Frontier RATC expansion Initiate plan for addiction services for pregnant women Identify Y3 quarterly targets and timelines 	 Funding as budgeted Increase in numbers served (Frontier to provide) Plan initiated Number of facilities with access to peer recovery support Number of patients receiving MAT Number of providers receiving MAT education Y3 milestones and metrics accepted



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Children's Health Plan

Implementation Roadmap



Milestones and Metrics for Measuring Strategies: 2020

Implementation Milestones and Metrics: Q1 and Q2

S	trategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
1.	Develop Infrastructure	 Finalize job description for CMO Pediatric Advisory Council to establish plan for pediatric asthma care for Ballad Health 	 Completed job description Current number of ED visits (0-4) and (5-14) for asthma 	 Recruit CMO Pediatric Advisory Council to develop brand standards for Niswonger clinical services 	 Active recruitment Final brand standards Current number of ED visits (0-4) and (5-14) for asthma
2.	Establish Ped ED in Kingsport & Bristol	 Finalize treatment protocols for pediatric ED care at Bristol Regional Identify Kingsport pediatric ED location Begin facility planning for Kingsport pediatric ED 	 Completed protocols Finalized location Planning initiated 	 Begin operations of pediatric ED at Bristol Regional Finalize facility planning and budget for Kingsport pediatric ED 	 Operations initiated Number of pediatric ED visits at Bristol Regional Final plans and budget
3.	Develop Telemedicine/ Specialty Clinics in Rural Hospitals	 Establish tele- neonatology in Kingsport Evaluate strategic partners for telemedicine services 	 Number of tele- neonatology visits in Kingsport Evaluation complete 	 Establish teleneonatology in Bristol Develop project plan for rotating clinics 	 Number of tele- neonatology visits in Kingsport and Bristol Project plan complete
4.	Recruit and Retain Subspecialists	 Develop addendum to recruitment plan to submit Develop and implement recruitment plan for pediatric pulmonology and surgery 	 Submitted addendum Implemented plans 	Finalize structure of relationship with ETCH	• Structure complete



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Milestones and Metrics for Measuring Strategies: 2020

Implementation Milestones and Metrics: Q1 and Q2

trategies	Q1 Milestones		Q1 Metrics		Q2 Milestones		Q2 Metrics
Develop CRPC Designation at Niswonger Children's	 Determine gaps in child abuse services across the region 	• (Gaps identified	•	Continue recruitment for child abuse prevention practitioner	•	Continued recruitment
Hospital .	 Begin recruitment for child abuse prevention practitioner Develop program for building resiliency in children by finalizing resources needed for a trauma informed care team Conduct gap analysis of behavioral health services in primary care settings for pediatric patients <i>Recruitment initiated</i> <i>Resources finalized</i> <i>Gap analysis conducted</i> 	•	Participate in development of state network of child abuse care through Children's Hospital Alliance	•	Continued participation		
				•	 Complete assessment of gaps and needs for the development of formalized pediatric Assessment 	Assessment complete	
		• (Gap analysis conducted	0	Develop training plan for building strong brains in conjunction with primary care settings for pediatrics	•	Training plan developed
	 Begin program development for trauma informed care within NsCH 						
	Designation at	 Develop CRPC Designation at Niswonger Children's Hospital Determine gaps in child abuse services across the region Begin recruitment for child abuse prevention practitioner Develop program for building resiliency in children by finalizing resources needed for a trauma informed care team Conduct gap analysis of behavioral health services in primary care settings for pediatric patients Begin program development for trauma informed 	 Develop CRPC Designation at Niswonger Children's Hospital Begin recruitment for child abuse prevention practitioner Develop program for building resiliency in children by finalizing resources needed for a trauma informed care team Conduct gap analysis of behavioral health services in primary care settings for pediatric patients Begin program development for trauma informed Mathematical development for trauma informed Mathematical development for trauma informed 	Develop CRPC Designation at Niswonger Children's HospitalDetermine gaps in child abuse services across the regionGaps identified• Begin recruitment for child abuse prevention practitioner• Recruitment initiated• Develop program for building resiliency in children by finalizing resources needed for a trauma informed care team• Resources finalized• Conduct gap analysis of behavioral health services in primary care settings for pediatric patients• Gap analysis conducted• Begin program development for trauma informed• Program development	Develop CRPC Designation at Niswonger Children'sDetermine gaps in child abuse services across the regionGaps identified•Begin recruitment for child abuse prevention practitioner•Recruitment initiated•Develop program for building resiliency in children by finalizing resources needed for a trauma informed care team•Resources finalized•Conduct gap analysis of behavioral health services in primary care settings for pediatric patients•Gap analysis conducted•Begin program development for trauma informed•Program development	 Develop CRPC Designation at Niswonger Children's Hospital Determine gaps in child abuse services across the region Begin recruitment for child abuse prevention practitioner Begin recruitment for child abuse prevention practitioner Recruitment initiated Participate in development of state network of child abuse care through Children's Hospital Alliance Complete assessment of gaps and needs for the development of formalized pediatric trauma informed care team Conduct gap analysis of behavioral health services in primary care settings for pediatric patients Begin program development for trauma informed Program development 	Develop CRPC Designation at Niswonger Children's HospitalDetermine gaps in child abuse services across the regionGaps identifiedContinue recruitment for child abuse prevention practitionerBegin recruitment for child abuse prevention practitionerBegin recruitment for child abuse prevention practitionerBegin recruitment for child abuse prevention practitionerBegin recruitment for child abuse prevention practitionerParticipate in development of state network of child abuse care through Children's Hospital AllianceDevelop program for building resiliency in children by finalizing resources needed for a trauma informed care teamResources finalizedComplete assessment of gaps and needs for the development of formalized pediatric trauma structureConduct gap analysis of behavioral health services in primary care settings for pediatric patientsGap analysis conducted or pediatric patientsDevelop training plan for benavioral health services in primary care settings for pediatric patientsDevelopment for trauma informedBegin program development for trauma informedProgram developmentProgram development



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Milestones and Metrics for Measuring Strategies: 2020 Implementation Milestones and Metrics: Q3 and Q4

S	trategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
1.	Develop Infrastructure	 CMO selected and hired 	 Hired CMO Current number of ED visits (0-4) and (5-14) for asthma 	 Pediatric Advisory Council to begin framework for overall structure for pediatric services within Ballad Health Identify Y3 quarterly targets and timelines 	 Framework initiated Current number of ED visits (0-4) and (5-14) for asthma Y3 milestones and metrics accepted
2.	Establish Ped ED in Kingsport & Bristol	 Begin construction for Kingsport pediatric ED 	 Construction initiated Number of pediatric ED visits at Bristol Regional 	 Complete construction for Kingsport pediatric ED Complete remediation of all identified pediatric ED gaps at Kingsport site, including telehealth capabilities Identify Y3 quarterly targets and timelines 	 Construction complete Remediation complete Number of pediatric ED visits at Bristol Regional Y3 milestones and metrics accepted
3.	Develop Telemedicine/ Specialty Clinics in Rural Hospitals	 Develop structure and roll-out plan for tele- neonatology for rest of Ballad Health Determine strategic partnerships for telehealth support Complete operational plans for 2 pediatric teleclinics 	 Tele-neonatology expansion plan identified Partnerships identified Teleclinic plans completed Number of tele- neonatology visits in Kingsport and Bristol 	 Initiate plan for tele- neonatology Implement 2 pediatric teleclinics Identify Y3 quarterly targets and timelines 	 Plan initiated Teleclinics implemented Number of tele-neonatology visits by site Y3 milestones and metrics accepted
4.	Recruit and Retain Subspecialists 12	 Evaluate potential partners for pediatric care in Virginia 	• Evaluation complete	 Initiate plans for potential partners for pediatric care in Virginia Identify Y3 quarterly targets and timelines 	 Plans initiated Number of specialists accessible through new partnerships Y3 milestones and metrics accepted

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Milestones and Metrics for Measuring Strategies: 2020 Implementation Milestones and Metrics: Q3 and Q4

Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics	
5. Develop CRPC Designation at Niswonger Children's Hospital	 Continue recruitment for child abuse prevention practitioner 	Continued recruitment	 Hire child abuse prevention practitioner Participate in development of state 	 Child abuse prevention practitioner hired Participation continues 	
	 Formulate prevention activities through STRONG Kids network 	• STRONG Kids activities identified	network of child abuse care through Children's Hospital Alliance		
	 Participate in development of 	• Participation continued	 Complete timeline for pediatric trauma program implementation 	pediatric trauma	• Timeline complete
	state network of child abuse care through Children's Hospital Alliance	Begin training on building strong brains in	• Training initiated		
	 Evaluate pediatric ED facility gaps for trauma care Determine physician needs for trauma program Facility gaps identified Identify Y3 quarterly targets and timelines 	• Y3 milestones and metrics accepted			
	 Develop structure for ACE mitigation in conjunction with child abuse program 	Structure developed			



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Health Research and GME Plan

Implementation Roadmap



It's your story. We're listening.

nance (Q1 Metrics Evidence of Roster of Coordinating Council and Health Research Council and Education and Training Council Finalized Governance Charter and By-laws	•	Q2 Milestones Coordinating Council has convened at least once in Q2 Council Sub- Committees & membership established	•	Q2 Metrics Coordinating Council Meeting minutes Evidence of Roster of Council Sub- Committee Chairs and
nance (<i>Coordinating Council and Health Research Council and Education and Training Council Finalized Governance</i>	۰	has convened at least once in Q2 Council Sub- Committees & membership	•	Meeting minutes Evidence of Roster of Council Sub- Committee Chairs and
•	and Training Council Finalized Governance	•	Committees & membership	•	<i>Council Sub-</i> <i>Committee Chairs and</i>
					members
			Identify staffing needs	•	Evidence of Draft Job Descriptions
		۰	Explore technology needs	•	Needs assessment initiated
-	Scope and vendor selection	•	Review progress on workforce analysis	•	Progress reviewed
rch infrastructure	regional assets	۰	Draft regional research growth priorities and strategies	•	Draft Regional Research Priorities plan submitted
ed		۰	Finalize research infrastructure plan	•	<i>Finalized Research Infrastructure Plan Submitted</i>
	rch infrastructure s/gap analysis	rch infrastructure regional assets s/gap analysis submitted	rch infrastructure regional assets s/gap analysis submitted	rch infrastructure regional assets growth priorities and strategies ed · Finalize research	rch infrastructure regional assets growth priorities and strategies ed • Finalize research •

Implementation Milestones and Metrics: Q1 and Q2



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Strategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics		
4. Develop & Operationalize an Education and Training	 Facilitate collaboration between existing resources and regional employers 	• Inventory of existing Education and Training assets in the region	 Begin communication with regional workforce initiatives 	 Meeting minutes indication initiation of conversation 		
Infrastructure to Support the Region	 Engage regional academic partners to identify key Education 	 Draft Education and Training assessment of challenges 	Analysis for Education and Training program development plan completed	 Draft Education and Training augmentation plan submitted 		
	 and Training challenges Administrative structure development of VA Dental residency program Assessment of existing Addiction programs List of administrative activities completed for implementation of new residency SW VA Addiction Medicine Fellowship initial business plan bogun 	 List of administrative activities completed for implementation of 	Initiate Health Professions Graduate assessment of reasons	 Finalized assessment/ observations submitted, incentives contemplated 		
		 SW VA Addiction Medicine Fellowship initial business plan 	region upon graduationIdentify initial targeted recruitment	 Evidence of finalized job description and recruitment activities 		
	 Addiction programs completed Finalize organizational structure for Health Professions Education (HPE) Office <i>Finalized HPE</i> organizational structure 		 Develop HPE job descriptions and begin recruitment Assessment of potential Psychiatry rotations 	 Evidence of finalized HPE job postings Inventory of existing and potential new rotation locations 		

Implementation Milestones and Metrics: Q1 and Q2



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Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics	
1. Establish the Tennessee Virginia Regional Health Sciences Consortium (TVRHSC)	 Supporting Staff & Infrastructure finalized and begin phase 1 staff recruitment Develop technology plan Research and Education/Training focus areas prioritized Develop/enhance Regional Symposium 	 Supporting Staff Organizational Chart Evidence of finalized job descriptions and initial recruitment activity Initiate technology vendor discussions Process for identification of priority areas produced Evaluation of current programs 	 Coordinating Council and Subcommittee meetings Hire Phase 1 staff and begin recruitment of phase 2 staff Technology implementation Priority focus areas identified Develop/enhance Regional Symposium Identify Y2 quarterly targets and timelines 	 Committee minutes List/Description of Tools Developed Evidence of accepted phase 2 offers Vendor selection Listing of priority areas Dates and agenda produced Y2 milestones and metrics accepted 	
2. Identify Targeted Hiring Needs to Build Research Capacity and Academic Program Growth	 Establish process for selecting/ prioritizing target hires Initiate recruitment process of Phase 1 targeted hires 	 Draft process developed for selecting/ prioritizing target hires Draft Job Descriptions for Phase 1 target hire(s) 	 Continue recruitment of Phase 1 target hires Begin Phase 2 of targeted hires Identify Y2 quarterly targets and timelines 	 Recruitment continued Draft Job Descriptions for Phase 2 target hire(s) Y2 milestones and metrics accepted 	

Implementation Milestones and Metrics: Q3 and Q4



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Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
3. Develop & Operationalize Consortium Research Infrastructure to Support Health Research in the Region	 Finalize research priorities and strategies Develop & Finalize Research Infrastructure Implementation Plan Begin process of evaluation within Ballad COPA/CA plans 	 Final Regional Research Priorities plan submitted and approved Finalized Research Infrastructure plan submitted Minutes of meetings with leadership of other plans 	 Research Infrastructure Implementation begins Initiate COPA/CA plan evaluation Identify Y2 quarterly targets and timelines 	 Research Infrastructure Kickoff meeting held and working groups established Report of metrics and outcomes from plan activities Y2 milestones and metrics accepted

Implementation Milestones and Metrics: Q3 and Q4



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Implementation Milestones and Metrics: Q3 and Q4

Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
4. Develop & Operationalize an Education and Training Infrastructure to Support the Region	 Evaluation of commercial workforce supply/demand technology platforms Finalized Workforce Analysis Report Exploration of partnerships to develop additional or absent regional nursing and allied health needs Develop Allied Health incentive and career progression models Implementation of new Dental residency program timeline Implementation of new Optometry residency program timeline Initiate proposal for new Addiction Medicine Fellowship/expansion of psychiatry slots/rotations 	 Evidence of finalized Technology Vendor RFP developed Final Health Education/Workforce Analysis Plan Evidence of meeting with potential partners Draft Allied Health Incentive Models Plan Finalized Implementation Roadmap submitted Finalized Implementation Roadmap submitted Minutes of meetings with regional academic partners 	 Commercial workforce supply/demand technology platform initiation Initiate changes based on Workforce Analysis Report Development of needed nursing/allied health programs Evaluation of all incentive models vetted and finalized New residency program development activities completed Education and Training program augmentation initiated Evaluation of Primary Care provider retention program Identify Y2 quarterly targets and timelines 	 Technology Vendor Demonstrations Started TBD Q4 Plan Aims achieved, plan for Q5 plans finalized Evidence of business models for new/expanded programs Draft concept of incentive plans with implementation roadmap List of program development activities completed Listing of new/expanded training locations- improved access to rural program residents seeking specialty rotations Draft concept model and business plan Y2 milestones and metrics accepted



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Health Information Exchange Plan

Implementation Roadmap



It's your story. We're listening.

Implementation Milestones and Metrics: Q1 and Q2

S	Strategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
1.	Establish Ballad Health HIE Steering Committee	 Establish a Ballad Health Interoperability Steering with Committee with internal and external representation 	• Formed HIE Steering Committee	 Develop Interoperability Committee Charter, Governance Model, Roles and Responsibilities 	• Approved Charter
2.	Conduct Geographic Service Area Interoperability Research	 Initiate Market Research to Gauge Interest in Menu Offerings 	• Market research initiated	 Complete Market Research to Gauge Interest in Menu Offerings 	• Market research complete
3.	Identify Optimal Portfolio of Interoperability and Assemble Deployment Strategies	 N/A - Activity initiated once Strategy #2 completed 		 N/A - Activity initiated once Strategy #2 completed 	



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Implementation Milestones and Metrics: Q3 and Q4

S	strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
1.	Establish Ballad Health HIE Steering Committee	 Recruit an Interoperability Program Director 	 Posted Program Director Position 	 Hire an Interoperability Program Director Identify Y2 quarterly targets and timelines 	 Filled Program Director Position Y2 milestones and metrics accepted
2.	Conduct Geographic Service Area Interoperability Research	 Compile and Interpret Market Research Results 	• Market results evaluated	 Identify Y2 quarterly targets and timelines 	• Y2 milestones and metrics accepted
3.	Identify Optimal Portfolio of Interoperability and Assemble Deployment Strategies	 N/A - Activity initiated once Strategy #2 completed 		 Utilize Market Research Result to initiate draft HIE roll-out plan Identify Y2 quarterly targets and timelines 	 Draft HIE roll-out plan available Y2 milestones and metrics accepted



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Implementation Milestones and Metrics: Q1 and Q2

S	trategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
4.	Develop an HIE Recruitment and Support Plan	 N/A - Activity initiated once Strategies #2 and #3 are completed 		 N/A - Activity initiated once Strategies #2 and #3 are completed 	
5.	Participate in ConnectVirginia's HIE and Associated	 Participate in ConnectVirginia EDCC program 	• Ballad Health VA EDs participating	 Participate in ConnectVirginia EDCC program 	• Ballad Health VA EDs participating
	Programs	 Participate in ConnectVirginia PDMP program 	• Ballad Health VA applicable entities participating	 Participate in ConnectVirginia PDMP program 	Ballad Health VA applicable entities participating
		 Participate in Virginia Immunization Ballad Health VA facilities participating 	facilities participating	Participate in Virginia Immunization program	Ballad Health VA facilities participating
		 program Participate in other Tennessee and Virginia regulatory programs 	• Ballad Health facilities participating as required	 Participate in other Tennessee and Virginia regulatory programs 	 Ballad Health facilities participating as required



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Implementation Milestones and Metrics: Q3 and Q4

Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
4. Develop an HIE Recruitment and Support Plan	 N/A - Activity initiated once Strategy #2 and #3 are completed 		 N/A - Activity initiated once Strategies #2 and #3 completed Identify Y2 quarterly targets and timelines 	• Y2 milestones and metrics accepted
5. Participate in ConnectVirginia's HIE and Associated Programs	 Participate in ConnectVirginia EDCC program Participate in ConnectVirginia PDMP program Participate in Virginia Immunization program Participate in other Virginia regulatory programs 	 Ballad Health VA EDs participating Ballad Health VA applicable entities participating Ballad Health VA facilities participating Ballad Health VA facilities participating as regulated 	 Participate in ConnectVirginia EDCC program Participate in ConnectVirginia PDMP program Participate in Virginia Immunization program Participate in other Virginia regulatory programs Identify Y2 quarterly targets and timelines 	 Ballad Health VA and TN EDs participating Ballad Health VA applicable entities participating Ballad Health VA facilities participating Ballad Health VA facilities participating as regulated Y2 milestones and metrics accepted



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Population Health Plan

Implementation Roadmap



Implementation Roadmap – Population Health Plan Focus Area One 2020 Quarterly Milestones and Metrics **Develop Population Health Infrastructure**

Strategies Q1 Milestones **Q2** Milestones **Q2** Metrics **Q1** Metrics Evaluation completed 1. Develop the Ballad Budget completed Population Health Clinical Review and revise • **Health Population** budaet Committee to evaluate and revisions Evaluation completed • **Health Department** submitted, if needed and revise, if needed, Evaluate staff clinical systems and Evaluation completed

Implementation	Milestones	and	Metrics.	O1 and	02	

	 Evaluate tracking systems Expand communications and data/evaluation support team 	 Evaluation completed Population health communications and data/evaluation FTEs hired 	protocols	
2. Create and Activate an Accountable Care Community (ACC)	 Ensure leadership council and sector committees are fully functional Engage with an effectiveness partner such as FSG 	 Leadership committee and committees are conducting regular meetings Partner engaged 	 Ensure all counties include needed sector representation Ensure engagement of all ACC members 	 Counties have representation secured for all sectors Development of a communication and engagement plan for ACC members



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Implementation Roadmap – Population Health Plan Focus Area One 2020 Quarterly Milestones and Metrics **Develop Population Health Infrastructure**

Implementation Milestones and Metrics: Q3 and Q4

S	Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
1.	Develop the Ballad Health Population Health Department	 Evaluate and expand, if needed, Population Health Clinical Committee membership 	 Evaluation completed and additional members invited, if needed 	 Identify Y3 quarterly targets and timelines 	• Y3 milestones and metrics accepted
2.	Create and Activate an Accountable Care Community (ACC)	 Conduct leadership development with ACC and county partners 	 Leadership development materials provided and/or sessions completed 	 Identify Y3 quarterly targets and timelines 	• Y3 milestones and metrics accepted



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Implementation Roadmap – Population Health Plan Focus Area Two 2020 Quarterly Milestones and Metrics Ballad Health as a Community Health Improvement Organization

Implementation Milestones and Metrics: Q1 and Q2

Strategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
 Delivery system improvement and re-design 	 Convene internal stakeholders to conduct capacity/ readiness assessment for STRONG Model implementation Advance HQEP contract Initiate HQEP quarterly progress reviews Expand MSSP to include legacy WMA providers 	 Stakeholder meetings conducted Contract advanced HQEP quarterly reviews initiated Expansion complete Number of lives under CIN/HQEP management Number of lives under a VBC 	 Begin draft of STONG Model Implementation plan Identify HQEP performance improvement opportunities and solutions Execute MSSP renewal contract 	 Draft started Performance opportunities and solutions identified Number of lives under CIN/HQEP management Number of lives under a VBC
2. Information systems, decision support and information exchange	• Refer to HIE Plan	 Refer to HIE Plan Number of Ballad Health sites on EPIC 	• Refer to HIE Plan	 Refer to HIE Plan Number of Ballad Health sites on EPIC
3. Self management and development of personal skills	 Expand additional Ballad Health Team Member wellness initiatives through B Well 	• Expansion of at least one initiative through system	 Evaluate Ballad Health Team Member coaching, stress reduction, and diabetes management performance and revise as appropriate Activate Cleveland Clinic consultant relationship and begin supportive environment 	 Evaluations completed Consultant contract completed and assessment
			assessment for B Well	

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Implementation Roadmap – Population Health Plan Focus Area Two 2020 Quarterly Milestones and Metrics Ballad Health as a Community Health Improvement Organization

Implementation Milestones and Metrics: Q3 and Q4

Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
 Delivery system improvement and re-design 	 Finalize STRONG Model Implementation Plan Implement HQEP performance improvement opportunities and solutions Initiate year 2 HQEP contract development Identify potential additional HQEP participants 	 Draft complete Performance opportunities and solutions implemented Contract underway New potential participants identified Number of lives under CIN/HQEP management Number of lives under a VBC 	 Socialize implementation plan Implement HQEP performance improvement opportunities and solutions Prepare year 2 HQEP contract for execution in Q1FY21 Identify potential additional HQEP participants Identify Y3 quarterly targets and timelines 	 Plan socialized to groups Performance opportunities and solutions implemented Year 2 HQEP contract drafted Engage with potential additional participants Number of lives under CIN/HQEP management Number of lives under a VBC Y3 milestones and metrics accepted
2. Information systems, decision support and information exchange	 Refer to HIE Plan Initiate EPIC training for clinics yet to be converted 	 Refer to HIE Plan EPIC training initiated Number of Ballad Health sites on EPIC 	 Refer to HIE Plan Epic go-live for remaining non-Epic clinics Identify Y3 quarterly targets and timelines 	 Refer to HIE Plan Successful go-live Number of Ballad Health sites on EPIC YR3 milestones and metrics accepted
3. Self management and development of personal skills	 Conduct education efforts with team members to support improving health outcomes Socialize Cleveland Clinic assessment findings to internal stakeholders Promote population health objectives to team members to increase understanding 	 Education campaigns/sessions completed Assessment socialized to groups Circulation of objectives completed and learning sessions conducted 	 Identify opportunities to expand "B Well" and Team Member wellness initiatives to community and Chamber of Commerce partners Include Cleveland Clinic findings into Yr3 B Well plan Identify Y3 quarterly targets and timelines 	 Opportunities identified and incorporated into strategic plan Findings incorporated YR3 milestones and metrics accepted

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Implementation Roadmap – Population Health Plan Focus Area Three 2020 Quarterly Milestones and Metrics **Enabling Community Resources and Sound Health Policy**

Implementation Milestones and Metrics: Q1 and Q2

Strategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
1. Strengthen community action	 Negotiate contracts with community partners for pilots 	Contracts completed	 Implement pilot interventions 	• Interventions launched
2. Create supportive environments	 Identify best practice communication approaches for education, awareness and calls to action Draft Vulnerable Population Plan 	 Best practices identified and incorporated into communication plan Draft completed 	 Advance Business Health Collaborative work with individual orgs/pilots Develop thematic campaigns to build awareness around key pop health metrics and initiatives Finalize Vulnerable Population Health Plan 	 Interventions launched Campaigns developed Plan finalized
3. Build Healthy Publi Policy	 Construct meeting schedule for all TN and VA GSA legislators to review legislative agenda Explore state and federal arrangements that support the STRONG Model 	 Schedule completed Exploration launched 	 Begin meeting with TN and VA GSA legislators to review legislative agenda Compile national models/best practices into report 	 Meetings conducted Report completed



Implementation Roadmap – Population Health Plan Focus Area Three 2020 Quarterly Milestones and Metrics **Enabling Community Resources and Sound Health Policy**

Implementation Milestones and Metrics: Q3 and Q4

S	trategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
1.	Strengthen community action	 Conduct pilot site visits to examine leading indicators 	• Site visits completed	 Develop and implement organization action plans that align with the ACC 	Action plans completed
				Evaluate intervention pilots effectiveness	• Evaluations completed
				 Identify Y3 quarterly targets and timelines 	• Y3 milestones and metrics accepted
su	Create supportive environments	 Launch customized Business Health Offerings that support population health goals 	• Offerings launched	Identify Y3 quarterly targets and timelines	• Y3 milestones and metrics accepted
		 Launch thematic campaigns 	Campaigns launched		
		 Launch Phase 1 of Vulnerable Population 			
		Plan	• Phase 1 launched		
3.	Build Healthy Public Policy	 Continue meeting with TN and VA GSA legislators to review legislative agenda 	Meetings conducted	Identify Y3 quarterly targets and timelines	• Y3 milestones and metrics accepted
		 Share models with stakeholders 	• Models distributed		



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Rural Health Plan

Implementation Roadmap



Milestones and Metrics for Measuring Strategies: 2020

Implementation Milestones and Metrics: Q1 and Q2

Strategies	Q1 Milestones	Q1 Metrics	Q2 Milestones	Q2 Metrics
1. Expand Access to PCPs Through Additions of Mid- levels	 Review mid-level performance based on access metrics in FY2019 to identify impact and opportunities for improvement Implement action items related to opportunities identified Recruit one mid- level for Norton and one for Greeneville 	 Performance review completed Action items implemented Recruitment in process Number of patients treated by additional primary care providers 	 Continue to evaluate access metrics and act on opportunities for improvement Hire one mid-level for Norton and one for Greeneville and onboard them 	 Action items implemented Mid-levels hired and onboarded Number of patients treated by additional primary care providers
2. Recruit Physician Specialists	 Review specialists performance based on access metrics in FY2019 to identify impact and opportunities for improvement Implement action items related to opportunities 	 Performance review completed Action items implemented 	 Continue to recruit targeted specialists Continue to evaluate access metrics and act on opportunities for improvement 	 Recruitment continued Action items implemented Number of patients treated by additional specialist providers
33	 identified Initiate recruitment of a general surgeon in Elizabethton, pulmonologist in Norton, and psychiatrist in Russell 	 Recruitment in process Number of patients treated by additional specialist providers 		Ballad Health.

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Milestones and Metrics for Measuring Strategies: 2020

Implementation Milestones and Metrics: Q1 and Q2

St	rategies		Q1 Milestones		Q1 Metrics		Q2 Milestones		Q2 Metrics
3.	Implement Team-	٠	Fully onboard 4 care coordinators	•	<i>Onboarding complete</i>	•	Fully onboard 2 behavioral health navigators	•	Onboarding complete
Based Care Models to Support	•	 Fully onboard 1 clinical pharmacist 	 Onboarding complete Number of patient 	•	 Evaluate new team-based care structure, based on managed lives and outcomes 	•	Evaluation complete		
	PCPs				lives under management of a		 Identify additional 	•	Additional resources identified
				team-based care modelresources needed to initiate operations for a second enhanced team- based care model	initiate operations for a second enhanced team-	•	Number of patient lives under management of a team-based care model		
4.	Deploy Virtual Care	٠	Initiate purchase of a new virtual health platform across Ballad Health	•	Purchase initiated	•	Complete purchase of a new virtual health platform across Ballad Health		Purchase completed
Services	Services	 Work with neurology to standardize tele-neurology services, technology, identify areas for expansion and partner for additional FTEs so can expand tele-stroke hospital locations Work with NsCH to standardize tele-peds specialty services, 	standardize tele-neurology services, technology, identify	 Work initiated Number of tele- stroke patients 	•	Initiate retro-fitting of all current virtual health technology in hospital EDs	•	Retro-fit initiated Work completed	
				•	Complete work necessary to expand tele-stroke hospital locations	•	Number of tele-stroke patients		
			standardize tele-peds	•	<i>Work initiated Number of tele- peds patients</i>	•	Complete work necessary to expand tele-peds specialties	•	<i>Work completed Number of tele-peds patients</i>
			technology, identify areas for expansion and partner for additional FTEs so can expand tele-peds specialties	•	Work initiated Number of tele-	•	Complete work necessary to expand tele-behavioral outpatient sites Conduct build vs buy	•	<i>Work completed Number of tele- behavioral patients</i>
		to standardize tele-behavioral services, technology, identify areas for expansion and partage for additional ETER co	behavioral patients Number of tele- behavioral outpatient sites for low-acuity patients		research for a direct to consumer e-visit with video offering	•	<i>Number of tele- behavioral outpatient sites for low-acuity patients Research complete</i>		

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Milestones and Metrics for Measuring Strategies: 2020

Implementation Milestones and Metrics: Q3 and Q4

St	rategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
1.	Expand Access to PCPs Through Additions of Mid-levels	 Continue to evaluate access metrics and act on opportunities for improvement 	 Action items implemented Number of patients treated by additional primary care providers 	 Continue to evaluate access metrics and act on opportunities for improvement Identify Y3 quarterly targets and timelines 	 Action items implemented Number of patients treated by additional primary care providers Y3 milestones and metrics accepted
2.	Recruit Physician Specialists	 Continue to recruit targeted specialists Continue to evaluate access metrics and act on opportunities for improvement 	 Recruitment continued Action items implemented Number of patients treated by additional specialist providers 	 Secure targeted specialists Continue to evaluate access metrics and act on opportunities for improvement Identify Y3 quarterly targets and timelines 	 Targeted specialists secured Action items implemented Number of patients treated by additional specialist providers Y3 milestones and metrics accepted
3.	Implement Team-Based Care Models to Support PCPs	 Recruit identified resources needed to initiate operations for second enhanced team- based care model 	 Recruitment initiated Number of patient lives under management of a team-based care model 	 Recruit identified resources needed to initiate operations for second enhanced team- based care model Evaluate additional resources needed to initiate operations for third enhanced team- based care model Identify Y3 quarterly targets and timelines 	 Recruitment complete Resources identified Number of patient lives under management of a team-based care model Y3 milestones and metrics accepted



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Milestones and Metrics for Measuring Strategies: 2020

Implementation Milestones and Metrics: Q3 and Q4

Strategies	Q3 Milestones	Q3 Metrics	Q4 Milestones	Q4 Metrics
Strategies 4. Deploy Virtual Care Services	 Complete retro-fitting of all current virtual health technology in hospital EDs Identify any needed equipment for additional services Work with Epic team to 	 Q3 Metrics Retrofit complete Additional equipment needs identified Epic team development work complete 	 Plan for any needed equipment Identify pilot sites to test a direct to consumer e-visit with video program and workflows Identify Y3 quarterly 	Q4 Metrics Plan complete Pilots identified Number of tele-stroke patients Number of tele-peds patients Number of tele-behavioral patients
	develop direct to consumer e-visit with video program within Epic	 Number of tele- stroke patients Number of tele- peds patients 	targets and timelines	 Number of tele-behavioral outpatient sites for low-acuity patients Y3 milestones and metrics
		 Number of tele- behavioral patients 		accepted
		 Number of tele- behavioral outpatient sites for low-acuity patients 		



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FY2020 Implementation Roadmaps June 26, 2019

