



# CHASE

Colorado Healthcare Affordability and  
Sustainability Enterprise

1570 Grant Street  
Denver, CO 80203

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# Hospital Transformation Program

## *Intervention Proposal*

### I. Background Information

This Intervention Proposal is designed to clearly articulate the scope and goals of proposed transformation interventions aimed at impacting the hospital's selected local quality measures under the HTP. The following questions are meant to assist the state in identifying: the evidence base for each intervention; the need within targeted communities for the implementation of the interventions; and how the interventions will advance the goals of the HTP.

Hospitals will not be required to implement a specified number of interventions. Instead, participation requirements are based on the selection of local quality measures to impact within the five HTP Focus Areas:

- Reducing Avoidable Hospital Utilization
- Core Populations
- Behavioral Health and Substance Use Disorders
- Clinical and Operational Efficiencies
- Community Development Efforts to Address Population Health and Total Cost of Care

Hospitals will be required to address statewide measures for each Focus Area. Hospitals will also be required to select from the [HTP list of local measures](#) across the five Focus Areas based on community needs and the goals of the HTP. Each hospital will be required to work on a set of measures equal to 100 points. The number, mix and points per measure will vary according to hospital size, defined by bed count or specialty type:

- Large hospitals (91+ beds) will be accountable for six statewide measures, totaling 60 points and a minimum of four local measures, which will account for 40 points. Points per local measure will equal 40 divided by the number of local measures selected.
- Medium hospitals (26-90 beds) will be accountable for six statewide measures and a minimum of two local measures. If two local measures are selected, statewide measures will total 75 points, and local measures will account for 25 points. Points per local measure will equal 25 divided by the number of local measures selected. If three local measures are selected, then statewide measures will total 67 points and local measures will account for 33 points. Points per local measure will equal 33 divided by the number of local measures selected. If four or more local measures are selected, then statewide measures will then total 60 points and local measures will account for 40 points. Points per local measure will equal 40 divided by the number of local measures selected for four or more local measures.
- Small hospitals (<26 beds) excluding critical access hospitals will be accountable for six measures (statewide or local) to account for 100 points. Points per each measure will equal 100 divided by the number of measures selected.
- Critical access hospitals will be accountable for six measures (statewide or local) and will have their risk for measures reduced by 40%.
- Pediatric hospitals will be accountable for five statewide measures, totaling 50 points and a minimum of five local measures, which will account for 50 points. Points per local measure will equal 50 divided by the number of local measures selected.



- Respiratory specialty hospital(s) will be accountable for four statewide measures and a minimum of four local measures. If four measures are selected then statewide measures will total 56 points and local measures will account for 44 points. Points per local measure will equal 44 divided by the number of local measures selected. If five or more measures are selected, then statewide measures will total 50 points and local measures will total 50 points. Points per local measure will equal 50 divided by the number of local measures selected.

Hospitals have the option to work on local measures beyond the required minimum. This would spread the local measure risk by reducing the points per local measure.

In addition, hospitals have the option to replace a local measure with a statewide priority. Each statewide priority will be worth 20 points and if selected the points for each remaining local measure will be equal to the remaining total required local measure points divided by the number of local measures, greatly reducing the risk associated with those measures.

Hospitals should consult the Measure Scoring Summary, which can be found on the HTP webpage, for more information about measure selection, requirements and scoring.

Hospitals must then design five-year interventions that will impact their selected quality measures.

Hospitals must demonstrate that their proposed interventions will fulfill the goals of the HTP and are evidence-based. They must also justify the selection of each intervention based on the findings of the Community and Health Neighborhood Engagement process, including the environmental scan and feedback.

Each hospital will need to report its own data and submit its own application, but partnerships between hospitals may occur in some instances.

Hospitals may leverage existing resources for interventions, and existing interventions may be considered insofar as they expand or enhance the Department's noted goals and meet the following criteria:

- The hospital must demonstrate that the existing intervention is being selected because it is the best approach for meeting the needs of the community identified during the Community and Health Neighborhood Engagement process.
- The hospital must demonstrate that the intervention can and will be enhanced to meet HTP goals.

In addition to meeting the above criteria, any hospital proposing existing interventions for participation in the HTP will be expected to propose and implement accelerated milestones in the Implementation Plan for such interventions.

This Intervention Proposal must be completed separately for each of the interventions being proposed for inclusion in the HTP. Hospitals must submit interventions that, together, address all of the statewide quality measures and the local quality measures listed in the hospital's response to Question 6 in the Hospital Application.



## II. Overview of Intervention

1. Name of Intervention: SW-RAH1: Adult 30 day All Cause Risk Adjusted Hospital Readmission Rate
2. Please use the table below to identify which statewide and selected local quality measures (from the hospital's response to Question 6 in the Hospital Application) the hospital will address through this intervention. As a reminder, each of the statewide and selected local quality measures must be identified for at least one intervention. As such, if this is the only intervention addressing a given Focus Area, all statewide quality measures and all selected local quality measures for that Focus Area must be included in this response. This response should align with the intervention-specific list included in the response to Question 7 in the Hospital Application.

Please note, hospitals are also required to complete the Intervention Proposal below for statewide priorities identified in Question 6 of the HTP Hospital Application.

Please use the unique identification code from the Performance Measures List (which is available on the [HTP website](#)) to identify your selected measures. For example, the measure "30 Day All Cause Risk Adjusted Hospital Readmission" should be listed as SW-RAH1.

Response (Please format the response as a numbered list)

- 1.
3. Please use the space below to describe the intervention and the rationale for its selection. Responses should include:
  - A description of the intervention;
  - Who will be the target population for the intervention; and
  - How the intervention advances the goals of the HTP:
    - ✓ Improve patient outcomes through care redesign and integration of care across settings;
    - ✓ Improve the patient experience in the delivery system by ensuring appropriate care in appropriate settings;
    - ✓ Lower Health First Colorado (Colorado's Medicaid Program) costs through reductions in avoidable hospital utilization and increased effectiveness and efficiency in care delivery;
    - ✓ Accelerate hospitals' organizational, operational, and systems readiness for value-based payment; and
    - ✓ Increase collaboration between hospitals and other providers, particularly Accountable Care Collaborative (ACC) participants, in data sharing and analytics, evidence-based care coordination and care transitions, integrated physical and behavioral care delivery, chronic care management, and community-based population health and disparities reduction efforts.

Response (Please seek to limit the response to 1,000 words or less)

The intervention selected to address the Reducing Avoidable Hospitalization Measure entails identifying the number of eligible patients between 18 - 64 years of age who had an acute inpatient stay during the measurement year that was followed by an unplanned acute



readmission for any diagnosis within 30 days and the predicted probability of an acute readmission. The monitoring of these readmissions will help our facility to identify and utilize resources to support these high-risk patients to help them maintain wellness in the community and reduce unnecessary burden on the hospital systems.

Our implementation plan will include engaging the regional accountability entity (RAE) and relevant community partners to create collaborative discharge planning processes that matches available resources to the applicable population. Part of this will include utilizing our pre-existing health information exchange partner, CORHIO, to send the hospitals admit, discharge, and transfer information to the RAEs. By utilizing the predicted probability of an acute readmission, we can target our resources to the highest risk patient population with the greatest needs for outpatient support.

Moreover, we plan to leverage our parent company's (HCA) database, Total Readmission Expert (TREX) tool to predict a patient's risk for readmission within 30 days. This tool utilizes data from 11 sources including: length of stay, chief complaint code, admission type (inpatients only), emergency admission, attending and admitting physician specialty, procedure code and severity, patient height, weight and BMI, patient gender and age, previous visits in any HCA facility, previous ED visits in any HCA facility. This tool provides an important level of focus for our case managers, populating in their worklist of patients assigned to them automatically.

We believe this intervention will advance the goals of the Hospital Transformation Program by decreasing hospital readmissions through risk stratification for readmission potential to drive effective and efficient discharge plans including partnerships with Post Acute Care (PAC) Providers. This will improve patient outcomes by ensuring integration of care is occurring across the appropriate settings. We will be engaging in enhanced collaboration with our community partners via data sharing and analytics, evidence-based care coordination and care transitions, integrated health care delivery, and chronic care management. Our overall goal is to enhance better patient experience, improved health outcomes, improved provider experience, and reduction of cost associated with readmissions.

4. Please use the space below to describe how the intervention and any selected local quality measures to be addressed by the intervention align with community needs identified throughout the Community and Health Neighborhood Engagement process (including data identified in the hospital's CHNE midpoint and final reports), including but not limited to:
- How the intervention and any selected local quality measures to be addressed by the intervention were selected based on identified community needs, including how they align with identified significant behavioral and physical health needs and / or service capacity resources and gaps, including related to care transitions and social determinants of health;
  - How the population of focus aligns with identified community needs; and
  - How the proposed intervention will leverage available medical and / or social resources and partners.

Response (Please seek to limit the response to 1,500 words or less)

This measure aligns with Presbyterian St. Luke's Medical Center CHNE process as the assessment revealed that Presbyterian St. Luke's has a population of high risk needs patients who are without primary care. This can result in decreased healthcare management and a higher likelihood of



chronic underlying disease process going untreated over periods of time. CHNE revealed that Presbyterian/St. Luke's (P/SL) has a population of patients without access to primary care and specialty services due to few providers accepting Medicaid and a lack of afterhours or weekend services. Additionally, lack of timely follow-up with primary care services has been identified as a risk factor for readmission. Moreover, these high risk patients drive a high utilization of hospital admissions due to their untreated chronic medical conditions, lack of primary care, and lack of medication adherence. This population was noted to have an increased risk of homeless, food and housing insecurity. In addition, transportation was noted as a challenge for our population.

5. Please identify the evidence base (academic, professional or otherwise) related to this intervention's use among the target population by selecting one of the following options:

- (1) Randomized Control Trial (RCT) level evidence
- (2) Best practice supported by less than RCT evidence
- (3) Emerging practice
- (4) No evidence

If you selected option 1, 2 or 3 above, please use the space below to summarize the evidence base (academic, professional or otherwise) related to this intervention's use among the target population. The response should address the intervention's ability to impact the selected local and statewide quality measures identified in Question 6 in the Hospital Application. Please submit the response in narrative form and provide links to any reference documentation (data, citations, etc.).

If you selected option 4 indicating that there is no known evidence base, please explain why this intervention is being proposed regardless.

Response (Please seek to limit the response to 1,500 words or less)

Hospital readmissions are costly for payors, patients and hospitals. The Robert Wood Johnson Foundation (2013) reported that a review of 2005 Medicare claims data showed that within 30 day readmissions, it was thought that three-quarters were deemed preventable, representing \$12 billion in Medicare spending.

Many different healthcare resources point to a lack of communication that can result in readmissions. The Joint Commission (2012) notes that a lack of adequate communication contributes to the ineffective care from the hospital to post-acute care or home settings. Moreover, a study conducted by Kemp, Quan, and Santana (2012) showed that patients who reported that they were not involved in their care during the original hospitalization were 34 percent more likely to experience a readmission. In addition, patients who did not report receiving written instructions for discharge care were 24 percent more likely to be readmitted.

By implementing this intervention, we plan to reduce our readmission rates through best practices surrounding communication and advance discharge planning. We will incorporate discharge planning from the beginning of each admission, and will continue to assess that patient's changing needs throughout the stay, as well as include patient and family education about continuing care into our discharge processes.

References:



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Kemp, Kyle A.; Quan, Hude; and Santana, Maria J. (2017) "Lack of patient involvement in care decisions and not receiving written discharge instructions are associated with unplanned readmissions up to one year," Patient Experience Journal: Vol. 4 : Iss. 2, Article 4. Retrieved from <https://pxjournal.org/journal/vol4/iss2/4>

Robert Wood Johnson Foundation (2013). Medicare Hospital Readmissions Reduction Program. To improve care and lower costs, Medicare imposes a financial penalty on hospitals with excess readmissions.

The Joint Commission (2013). Hot Topics in Healthcare, Transitions of Care. Retrieved on February 21, 2021 from [https://www.jointcommission.org/-/media/deprecated-unorganized/imported-assets/tjc/system-folders/topics-library/hot\\_topics\\_transitions\\_of\\_carepdf.pdf?db=web&hash=CEFB254D5EC36E4FFE30ABB20A5550E0](https://www.jointcommission.org/-/media/deprecated-unorganized/imported-assets/tjc/system-folders/topics-library/hot_topics_transitions_of_carepdf.pdf?db=web&hash=CEFB254D5EC36E4FFE30ABB20A5550E0)

6. a. Does the focus of the proposed intervention intersect with ongoing initiatives statewide (including, but not limited to those included in the ACC, State Innovation Model and Comprehensive Primary Care Plus)?

Yes

No

b. If yes, please identify the applicable statewide initiative(s): (you may select more than one response from the list below)

[Behavioral Health Task Force](#)

[Affordability Road Map](#)

[IT Road Map](#)

[HQIP](#)

[ACC](#)

[SIM Continuation](#)

Rx Tool

[Rural Support Fund](#)

[SUD Waiver](#)

[Health Care Workforce](#)

[Jail Diversion](#)

Crisis Intervention

[Primary Care Payment Reform](#)

Other: \_\_\_\_ (please identify)



Please also use the space below to briefly explain how the hospital will ensure the intervention aligns with the applicable ongoing initiative(s).

Response (Please seek to limit the response to 750 words or less)

This intervention intersect with the following statewide initiatives:

Local COE1: Increase the successful transmission of a summary of care record to a patient's primary care physician or other healthcare professional within one business day of discharge from an inpatient facility to home.

Increasing successful transmission of discharge summaries to PCPs will help decrease readmission rates because patients will get follow up and continued care. By improving communication with PCPs, we can improve communication between provider and patient after discharge, which can eliminate barriers to seeking follow up care and further complications leading to repeat ED visits and hospital admission.

The Polis Primavera Roadmap to Saving Coloradans Money on Healthcare has several focus areas, including lowering hospital prices through the expansion of the use of the innovative tools to identify avoidable costs and complications. By participating in this intervention, we hope to identify causes of readmissions to further drive costs down for the consumer and state. Through our partnership with the RAEs, we hope to further drive the implementation of the Polis-Primavera plan by building on patient information sharing infrastructures to prevent readmissions as well.

7. Please use the space below to explain any experience the hospital or any affiliated community partners have had with this type of intervention or target population and how that experience will support the success of the intervention.

Response (Please seek to limit the response to 500 words or less)

Historically the hospital has collaborated well with Skilled Nursing facilities (SNF, Long Term Acute Care providers (LTAC), Home Healthcare Agencies (HHC), and Inpatient Rehab facilities (IRF). P/SL intends to extend our collaboration for post-acute care services with the RAE to ensure follow up PCP visits can be arranged and maintained to ensure patients have access to necessary medications and treatments. Colorado Access (COA) receives CORHIO ADT feeds as well as periodic contacts from hospitals. This information allows COA to risk stratify to target interventions for those members who have complex medical issues. The COA care management team provides members transitioning from hospital settings to lower levels of care with appropriate transitions of care intervention, including, but not limited to:

- a. Collaboration with hospital staff to uphold timely and member-focused discharge planning;
- b. Development of member-driven care plans that incorporate current member status and needs, interdisciplinary team input, and historical clinical information;
- c. Submission of member referrals that support ease of access to services and remain consistent with identified member needs;
- d. Care coordination activities designed to ensure sustained member access to care and reduce risk for future hospitalization;



- e. Exchange of member information, clinical records, care plan goals, and care coordination activities to promote interdisciplinary service delivery;
- f. Follow up with member, provider, and hospital team members to ensure follow through with treatment activities and member success
8. a. Is this an existing intervention in use within the hospital (“existing interventions” are those interventions the hospital has implemented or is implementing on the day it submits the Hospital Application)?
- Yes
- No
- b. If yes, please use the space below to explain how the following criteria for leveraging existing interventions is satisfied (the response may reference answers above):
- The hospital must demonstrate that the use of the existing intervention is the best approach for meeting the needs of the community identified during the Community and Health Neighborhood Engagement process.
  - The hospital must demonstrate that the project will be enhanced to meet HTP goals.

Response (Please respond as applicable; Please seek to limit the response to 1,000 words or less)

As mentioned above, P/SL’s Center Case Management staff maintain excellent working relationships with providers of HHC, SNF, LTAC and IRF. There is sharing of patient information as well as communication about best practices. Additionally, the Post-Acute Care (PAC) Provider network was rolled out across the Continental Division in January of 2021 to include PAC Network Providers that have entered in to contracts and agreements with P/SL in which they agree to work closely with our Division PAC Coordinators to improve communication, partnership and collaboration in order to improve the care continuum for patients who are discharged from P/SL to a PAC SNF, IRF, LTAC or HHC agency. This will enable our hospital to build upon existing relationships with our providers and to address the gaps in care that potentially lead to unnecessary readmissions. By participating in this HTP initiative, we hope to further build and strengthen bonds with our community providers to further decrease 30 day readmissions.

9. a. Will the intervention be a joint effort with another organization (e.g., a Regional Accountable Entity, Local Public Health Agency, a mental or community health center, another community organization or any other external organization)?
- Yes
- No

Partnerships are not required, but, if the hospital will partner, please complete the remainder of this question and provide the required documentation (see subpart c).

- b. If yes, please complete the following chart, including listing the partner organization; listing the type of organization; indicating whether the hospital has previously partnered with the organization; and providing a high-level summary of the expected role of the organization in intervention’s leadership and implementation.



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Partner Organization Name	Type of Organization	Does the hospital have any previous experience partnering with this organization? (Yes or No)	Organization’s Role in Intervention Leadership and Implementation (high-level summary)
Colorado Access	Regional Accountable Entity	Yes	Developing and implementing collaborative discharge planning process with hospital

- c. Please also submit documentation of the partnership with each listed organization. Documentation may be provided separately for each organization listed above and could include: a contract; a memorandum of understanding; a business association agreement; a Letter of Partnership from the listed organization(s); or similar documentation. If a Letter of Partnership is provided, in it the organization should: (1) acknowledge that it intends to partner; (2) provide a brief description of the organization; (3) express agreement with the planned intervention; and (4) express agreement with the planned role it will have in leadership and implementation of the intervention as expressed above. The letter should be signed by a member of the organization’s management and submitted with this application in the same .pdf document. The Letter of Partnership Template can be found on the [HTP webpage](#).

