



# CHASE

Colorado Healthcare Affordability and  
Sustainability Enterprise

1570 Grant Street  
Denver, CO 80203

# DRAFT

## 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: Social needs screening and notification
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. SW-CP1
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 World Health Organization (2020) defines the "social determinants of health" as the conditions in which people are born, grow, live, work, and age. Addressing social determinants of health can improve compliance with healthcare treatment regimens, reduce cost of care, and improve outcomes. Treating just a patient's acute health care needs without more holistic



consideration of their situation can create a cycle of readmissions and ongoing health care crises. Hospital systems are in a unique position to reduce the cost of healthcare by including social determinants of health in the treatment planning process. Hospitals should assess for at least five key domains of social determinants including housing instability, food insecurity, transportation problems, utility help needs, and interpersonal safety.

Description of Intervention: To address this measure, Swedish Medical Center will:

1. Enhance electronic medical record to capture screening of patients for social determinants of health.
2. Develop technology-based solution to transmit captured SDOH/identified needs to appropriate entity and patient's RAE.
3. Work with each RAE to determine to what level of social determinant need should trigger a transmission of the data captured.

Who will be the target population:

All adult and pediatric inpatients covered by Medicaid who are discharged from Swedish Medical Center.

How the intervention advances the goals of HTP:

This intervention aims to enhance partnerships across local agencies, reduce avoidable hospital utilization, and improve patient outcomes through care redesign.

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)

In 2019, 25%, or 36,851 of the cases cared for by Swedish Medical Center had Medicaid as the payer. Historically, individuals who are of lower income tend to have worse health outcomes and decreased life expectancy compared to those more affluent (Colorado Law & Policy Center, 2018). 30% of Colorado children live in a household at or near the poverty level (Colorado Coalition for the Medically Underserved). Poverty, food insecurity and interpersonal safety may lead to negative health outcomes later in life (Colorado Children's Healthcare Access Program, 2020). Research shows that individuals with unmet social needs tend to have problems managing



chronic health issues and utilize the emergency department frequently (Henkel & Schulman, 2017). The CHNE process revealed that Swedish Medical Center serves a highly diverse Medicaid population who are identified as high-risk as a result of their social determinants of health. The proposed intervention will provide Swedish Medical Center with the opportunity to consistently assess for social needs and refer patients to local community partners to address any deficits.

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)

3, Emerging practice

Social determinant screening is a developing practice which fosters the opportunity to provide quality healthcare and improve health outcomes. Population health management is a comprehensive approach of addressing the health and social determinants beyond the care setting (Devereaux & Zilz, 2018). There is evidence that formal partnerships between healthcare organizations and social services result in cost savings and better health (Taylor, et al; June 2015) (Colorado Prevention Alliance, 2017). Screening for social determinants of health is recommended or being considered for recommendation by the American Academy of Pediatrics, American Academy of Family Physicians, and American College of Obstetricians and Gynecologists (Davidson, 2019).

## References

Colorado Children's Healthcare Access Program. (2020) Data snapshot. Retrieved from:

<https://cchap.org/our-focus/health-disparities/>

Colorado Center on Law & Policy. (2018). Income & health disparities: Poverty is a health issue. Retrieved

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Devereaux, D., Zilz, D. (2018). Population health management: A community imperative. *American Journal of Health-System Pharmacy*, 75(2), 46-48.

Davidson, K., McGinn, T. (2019). Screening for social determinants of health: the known and unknown. *Jama* 2019. DOI: 10.1001/jama.2019.10915

Thomas-Henkel, C., Schulman, M. (2017). Screening for Social Determinants of Health in Populations with Complex Needs: Implementation Considerations

World Health Organization. (2020). Social determinants of health. Retrieved from: [https://www.who.int/teams/social-determinants-of-health#:~:text=The%20social%20determinants%20of%20health%20\(SDH\)%20are%20the%20conditions%20in,the%20conditions%20of%20daily%20life.](https://www.who.int/teams/social-determinants-of-health#:~:text=The%20social%20determinants%20of%20health%20(SDH)%20are%20the%20conditions%20in,the%20conditions%20of%20daily%20life.)

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)

Behavioral Health Task Force: Governor Jared Polis directed the Colorado Department of Human Services to spearhead Colorado's Behavioral Health Task Force. The mission of the task force is to evaluate and set the roadmap to improve the current behavioral health system in the state. This includes developing Colorado's "Behavioral Health Blueprint" by June 2020, with anticipated implementation of recommendations starting in July 2020. The goals of the blueprint are highlighted below, and this statewide initiative demonstrates alignment with the intervention. Based upon our goal to establish a collaborative discharge planning process with the RAE, we believe the goal to transform behavioral health by identifying systemic gaps will allow for natural alignment between the two initiatives.

- Working with the legislature and relevant agencies to evaluate current funding streams and to recommend financing, administrative changes and savings measures and changes to ensure the behavioral health system is transformed into an integrated, accessible, accountable, efficient and high-quality behavioral health care system;
- Identifying systemic gaps and enhancements in access to behavioral health services, especially for vulnerable or underserved populations, including those experiencing intellectual and developmental disabilities; and
- Evaluating, recommending, and adopting proven strategies to drive efficiency and desired results.

Affordability Roadmap: By communicating critical information to a patient's primary care it provides critical information to prevent conditions from worsening and reducing possible readmissions.

IT Road Map: By utilizing CORHIO for care identification for current patients and to ensure coordinated communication with the RAEs, Swedish Medical Center will be benefiting from specific efforts of Colorado's Digital Health Innovation and the Office of eHealth Innovation.

ACC Phase II: To strengthen the coordination of services will further assist in efforts to reduce avoidable hospitalizations. Collaboration with the RAE for discharge planning and services is critical to safe discharge handoff

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)

Swedish Medical Center does not currently have a consistent processes in place to identify admitted patients who need assistance with social determinants of health. Swedish does have relationships with the local RAEs, where the case management team notifies Colorado Access of at risk patients for appropriate follow up. There is an opportunity to implement a more effective



system for the identification of patients in need, and to create a streamlined process for the notification of these at risk patients to the RAEs.

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)

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.

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)

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



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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](#).

