Letter of Intent: Submitter: Cynapse Health, Inc

Proposal Topic: Medical Cardiology Super Bundle

Dear Committee Members,

On behalf of Cynapse Health, I would like to submit a Physician Model for PTAC Review on January 25, 2017.

Medical Cardiology Super Bundle Payment Model Overview

The Payment Model is a Medical Cardiology Super Bundle that is physician initiated and designed to qualify as an Advance Alternative Payment Model. The Medical Cardiology Super Bundle will be designed in a way that participating Cardiology Practices can also be considered as a Cardiovascular Disease Medical Home.

The Medical Cardiology Super Bundle will be initiated upon specific cardiac diagnoses rather than initiated only upon hospital admission and the alternative payment model will be designed to consider whether the patient has an acute cardiovascular condition(s) requiring inpatient hospitalization versus a chronic cardiovascular condition(s) that is managed mainly in the cardiology or collaborating physician's office in the outpatient setting.

The diagnoses included in the Medical Cardiology Super Bundle are diagnoses related to Heart Failure, Atrial Fibrillation, and/or Ischemic Heart Disease. The Medical Cardiology Super Bundle will also include Cardiology procedures, specifically: left heart catheterization +/-coronary stent, right heart catheterization, cardiac pacemakers and/or cardiac defibrillators. Transthoracic echocardiograms and nuclear stress test will also be part of the bundle package.

Although not Cardiac specific diagnoses: Type 2 Diabetes, Chronic Kidney Disease, COPD, Sleep Disordered Breathing, Depression, Non-Adherence to Therapy/follow-up, and Class 1 Obesity and above are important co-morbid medical conditions that impact cardiovascular morbidity and mortality and it is important that the Medical Cardiology Super Bundle risk adjust clinically and financially for patients with these significant co-morbid medical conditions.

The Medical Cardiology Super Bundle site of service will span the entire clinical site of service spectrum: hospital inpatient and/or hospital outpatient departments, ambulatory surgery centers, and/or Cardiology outpatient physician office(s). The Cardiology outpatient physician office will serve as the site of the Cardiovascular Disease Medical Home. Again, the alternative payment model will have design provisions based upon site of service and whether the clinical process is acute or chronic.

Goals of Medical Cardiology Super Bundle Model

The goals of the Medical Cardiology Super Bundle are to improve the quality of acute care and chronic care of patients with Heart Failure, Atrial Fibrillation, and/or Ischemic Heart Disease in the inpatient hospital setting and outpatient office setting by preventing disease progression and/or disease complications. An important focus and goal of the Cardiology Super Bundle Providers will be to prevent avoidable hospitalizations related to the cardiovascular conditions,

especially heart failure.

We believe by focusing on improving the quality of care of high cost acute and chronic cardiovascular conditions as well as important co-morbid medical conditions and creating a coherent framework for clinical care across clinical sites of care, the Medical Cardiology Super Bundle can improve care quality, lower cost, and enhance the patient experience.

Expected Medical Cardiology Super Bundle Participants

The primary participants will be small and/or independent Cardiology Practices and we plan to especially reach out to cardiology practices outside of large urban areas. The Chhokar Clinic, Southeastern Cardiology, and Columbus Cardiology in Columbus Georgia are our initial practices. We are in discussions with a collaborator with national clinical reach to increase the number of independent cardiology practices once we roll out the Super Bundle. Cynapse Health will provide the technology and EHR agnostic Infrastructure as a Service (IaaS) IT platform for the Medical Cardiology Super Bundle participants.

Implementation Strategy

A Cardiovascular Medical Home will be a key component of the implementation strategy as well as a Cardiology specific technology and EHR agnostic Infrastructure as a Service IT platform developed by Cynapse Health. The Cardiovascular Medical Home will be an important site of office based care for chronic cardiovascular conditions as well as an important transition of care site for patients with recent acute cardiac related inpatient hospitalizations. The IT platform includes clinical guideline informed artificial intelligence designed Provider Smart visits to increase the clinical effectiveness and efficiency of Provider visits, rapid Provider feedback, and real time Provider feedback when deemed important. Also included will be care coordination and data informed processes to improve care. Mobile technology to improve patient engagement and provider collaboration will also be key components of the implementation strategy.

Timeline

The Medical Cardiology Super Bundle can be implemented within 60 days of CMS approval and implementation within a specific cardiology practice is dependent upon the medical practice. Our goal is to begin implementation on or before April 25, 2017. Cynapse Health's goal is to have each practice implemented in time to submit at least 3 months of clinical and quality data to CMS for 2017.

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