

Annual Benefit Report

Period: 2017



Report Date: March 19, 2018
Corporate Name: PRAEVENI SBC
Address: 1310 Ranier Lane N, Plymouth MN 55447
Specific Benefit Purpose: Transform preventative health care by assuring individual wellness and identifying early emergence of risk

PraeVeni operates a heart screening center at 6565 City West Parkway, Eden Prairie, MN 55344. The center works with community organizations, schools, athletic associations, and expert Cardiologists to prevent sudden cardiac death (SCD) and ensure individual wellness. **Risk** associated with SCD presents itself through anatomic, physiologic, and hemodynamic features of the heart... an **echocardiogram** (ultrasound of the heart) is uniquely capable of **seeing inside the body**, using safe sound waves to create images and to evaluate these various features. PraeVeni's testing includes a Risk Assessment Questionnaire, blood pressure check, and an echocardiographic test designed to unequivocally affirm heart and blood vessel features are **NORMAL** and rule-out **ABNORMAL** features.

A Social Imperative

Cardiovascular **RISK** has not declined over the past 50 years and its time for a new approach to prevention. Consider the following risk for both young and old alike:

- Heart abnormalities often have **NO symptoms**
- Cardiovascular conditions are the **#1 cause of death**, contributing to **1 in every 3 deaths**
- Sudden cardiac arrest (SCA) is the **#1 killer of student athletes**
- The **#2 cause of death for youth under age 25** is SCA

SCD emerges over time, yet happens without warning and is often diagnosed after it occurs. Seemingly healthy kids and adults rarely have preventative heart checks due to the lack of symptoms and the ineffectiveness and high costs of common **diagnostic testing** (ECG, diagnostic echo, stress test, CT Scan, MRI) used as a screening tool. Waiting to **diagnose and treat** a warning sign has not been an effective prevention measure for over 50 years.

More than 200,000 K12 students and 500,000 adults ages 30-65 live within a 20-mile radius of the PraeVeni screening center. An estimated 6,000 students and 100,000 adults are living with a heart condition of mild to severe risk. PraeVeni provides the community an affordable heart screening solution to prevent SCA and SCA.

Finding Emerging Risk Features to Prevent SCD

During 2017, PraeVeni expanded and improved its offering to the community by:

1. Partnered with **31 youth athletic associations and clubs** to communicate discounted screening tests to their members.

2. Developed relationship with a Pediatric Cardiology group, in addition to PraeVeni's existing Cardiologist Advisors, to provide an **option for seamless and affordable follow-up care** for those participants who could not be affirmed as having normal heart features.
3. Worked with Cardiologist Advisors to **design and launch a new Adult (ages 26 and older) screening test** (December) that quantifies heart and health RISK (not a diagnosis). Specialized Functional, Structural, and Hemodynamic data measures the degree of RISK, while sequential tests measure the degree of change (e.g., effect of treatment). Launch included system development to facilitate the new test and report generation.

2017 Results

A common diagnostic echocardiogram exam will cost families >\$1,000. PraeVeni administers the youth test for \$99 and adult test for \$129. Price is often discounted to ensure affordability and accessibility within the community.

During 2017, PraeVeni administered over 1200 screenings at an average participant cost of \$77. Four youth associations further subsidized the cost of screening to their members by a total of \$5,375. PraeVeni identified 2% of young participants with previously undiagnosed heart conditions (referred them to their physicians for further diagnosis) and 18% of adults with low to moderate physiologic risk. The screening had a positive impact on all participants and their families and averted possible future adverse cardiac events within the community.

PRAEVENI SBC'S directors, Tim Webert and Dr. James Seward, have reviewed and approved this report.

PraeVeni, SBC

a Minnesota specific benefit corporation

By: 

Tim Webert

Its: President



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