

Diabetes Amputation Prevention Specialists (DAPS Health)

A predictive model of care vs. the standard reactive model of care as practiced in the United States today

The DAPS Health program:

- **Saves limbs and lives**
- **Significantly and dramatically reduces medical expense in major payer diabetic populations in the United States**
- **Predictive rather than reactive**

Diabetes has become an epidemic and a major health issue in the United States and globally. Complications of the disease include:

- Clinical depression
- Blindness
- Heart disease and stroke
- Kidney disease
- Lower extremity disease leading to foot ulcers and amputation.

Commonly, a patient with diabetes has multiple concurrent co-morbid conditions which are not addressed until an acute/emergent episode occurs. A shift in the paradigm of care is essential.

DAPS Health is a clinical and technology disease management healthcare firm that focuses on the complications of diabetes and its concurrent co-morbid conditions by utilizing a *Predictive* and *Preventative* system of care that is unique in the health care marketplace. This system of care utilizes a population based healthcare model.

While the standard of care today in treating complications of diabetes is a *reactive* one, the DAPS Health system of care is *predictive*. Thus complications are identified far upstream from the first acute event. This methodology significantly reduces human suffering while concurrently and dramatically reducing medical expense for major payer populations.

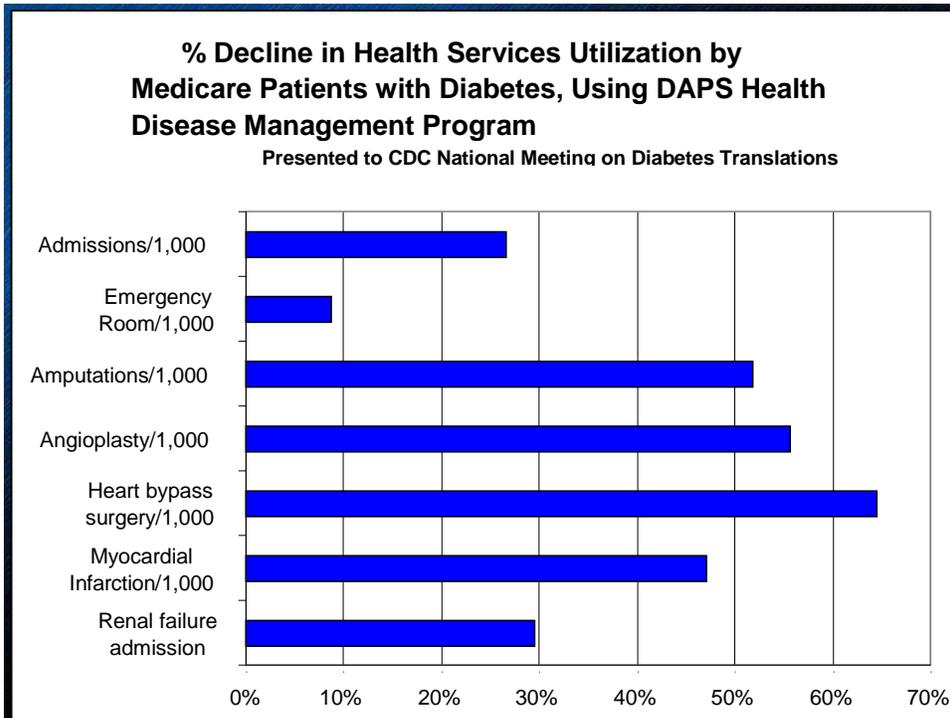
Utilizing the predictive system of care results in up to a 20% reduction in medical expense in major payer diabetic populations.

Further, utilizing the predictive model of care has resulted in clinical and financial outcomes for diabetic lower extremity disease and disease management:

- Reduction in amputations by 70%
- Reduction of in-patient length of stay by 67%
- Reduction in hospitalizations by 70%
- 20% reduction in hospitalizations of all diabetics all causes

- Annual savings of >\$1600/diabetic patient

Other disease management clinical outcomes equating to financial outcomes by linking diabetes lower extremity disease to other concurrent co-morbid conditions has resulted in:



Reported to the Center for Disease Control Annual Meeting for Diabetes Translations, New Orleans, La

Reported to the annual meeting of the American Diabetes Association Annual Meeting, Philadelphia, Pa

The greatest fear of a person with diabetes is the fear of foot ulcers and amputation. It has been found that the vast majority of patients with diabetes will visit screening and assessment sites where clinicians can determine if the patient is at risk for the horrific consequences of loss of limb.

While this evaluation is the trigger for a “call to action” of populations with diabetes visiting for assessment, clinical linkages between diabetic lower extremity disease and other concurrent co-morbid conditions are also assessed to determine where the patient falls in the natural evolution and metamorphosis to the acute/emergent episodes. Once determined, predictive and preventative clinical protocols are followed to lay dormant or reverse these complications before acute episodes occur and before high cost treatment and hospitalizations are necessary.

Another aspect of the Predictive model is a 24/7 home monitoring system that utilizes the Science of Temperature Trending. This home monitoring system predicts foot ulcers and amputations. The technology allows our program to be scalable where thousands of patients can be evaluated concurrently on a daily basis.

The hands on high touch prediction and prevention system of care has been utilized and modified by its founding leadership team and clinicians over several decades of treating the diabetic patient.

Embedding the predictive DAPS Health system of care into a major payer diabetic population will significantly reduce medical expense and concurrent co-morbid conditions where hospitalizations are necessary.