Writer Diabetes Management Solutions

– Dedicated to desired outcomes

Healthcare Institution

Experienced and Skilled clinical and paraclinical staff supported by high-tech infrastructure to extend personalized patient services, expert advice on nutrition and diabetic products. Since every patient is unique individualized treatment plan is provided through Writer applications.

Healthcare Institution's Needs

Patients with Diabetes are usually better served when their concerned physicians use specialized diabetes management applications. The application should track and monitor clinical parameters to improve patient outcomes over long time periods. The application should generate center wise diabetes patient reports listing blood glucose and blood pressure levels, in turn enabling physicians to promptly identify patients requiring additional treatment.

Our Approach

Applying data mining and machine learning methods to large volumes of clinical data and extract patient, clinic and disease relevant patterns.
Knowledge discovery in databases (KDD) process is used to extract useful knowledge for relevant clinical data sets
Real-Time Continuous Glucose Monitoring to Improve Effects of a Prescriptive Lifestyle Intervention

DIABETES

Diabetes

Benefits Delivered

Specialized Case sheets for Diabetes Type I, Type II, Gestational Diabetes and Pre Diabetes.

Data mining algorithms are used to, detect and predict presence of disease by using predefined clinical parameters. This clinical data helps physicians in early detection and management of disease condition.

Our automated tools uses relevant clinical data to diagnose and intimate patients and physicians about the type of treatment required and intensity of disease

Utility benefits of self-monitoring of blood glucose (SMBG) and general clinical values together enhance clinical outcomes. Also, SMBG is a significant clinical adjunct for hemoglobin A1c (HbA1c) testing and control.

SMBG is also used to provide appropriate feedback to patients on effects of their current activity, food intake and medication compliance. The impact of lifestyle factors on their glycemic control

Real time continuous glucose monitoring (rtCGM) system automatically transmit a continuous stream of glucose data to patients as alerts and alarms to their smart watch, or smartphone.

IMPACT

Retrospective studies of diabetic patients managed on our application demonstrated a reduction in glycated hemoglobin (HbA1c) levels, mean glucose and the risk of hypoglycemia

Improvement of BG control for adherent patients and level of adherence needed to obtain glycemic control was monitored to provide patients with personalized feedback, education and motivation

The efficacy of our applications was established when patients minimized their professional support, optimize glucose control and followed a low-carbohydrate lifestyle.