

# INSULIN/GLUCOSE & DIABETIC REGULATOR (GLUCO-AGE)

**SOLAL**  
TECHNOLOGIES  
ANTI-AGING SPECIALISTS™  
PRESCRIBED BY DOCTORS  
RECOMMENDED BY PHARMACISTS™

## What is diabetes?

Diabetes is a **silent killer** that affects 6% of the population, and is the **6<sup>th</sup> most common cause of death**. Untreated, diabetes is **lethal** and preceded typically by **kidney disease, heart disease** (including high blood pressure), **blindness** (or cataracts), **infections, nerve damage/pain** (neuropathy), and occasionally **coma**.

Diabetes is a condition of high **blood sugar**, yet low levels of sugar in the muscles, brain and internal organs –**starving the organs** of life-preserving energy. There are two forms of diabetes:

**Type I diabetes** is a condition of high blood sugar caused by an **inability** of the pancreas **to produce insulin**. This is known as Insulin Dependant Diabetes (IDD) and must be treated with insulin injections.

**Type II diabetes** is high blood sugar caused by the **body not responding to insulin**, and is also known as Non-Insulin Dependant Diabetes (NIDD). Typically, Type II diabetes develops with aging and is more common in overweight, sedentary people. Type II diabetes is often referred to as age onset diabetes.

A **pre-diabetic syndrome** (borderline diabetes), also known as **insulin resistance** affects 25% of the population and **45% of persons aged 60-70yrs**. This often leads to diabetes and should be treated as soon as detected.

## Signs and Symptoms:

Initially **symptoms** are mild, ranging from intense **fatigue**, followed by rebound intense **hunger**, excessive **thirst**, frequent **urination**, especially at night – and **wounds** that take a long time to heal (especially on the legs). Cataracts are also common during the advanced stages of diabetes.

Diabetes can be **diagnosed** by a simple pin-prick **blood test** and can be performed at your local pharmacy.

## How can Diabetes or insulin resistance be treated or prevented?

Type II diabetes, insulin resistance (pre-diabetic syndrome) and to a lesser degree Type I diabetes can be **treated or prevented with** nutritional and phyto-medicinal components, found only in **SOLAL's diabetes formula**. Only Solal's diabetic formula treats diabetes in **4 unique ways** by:

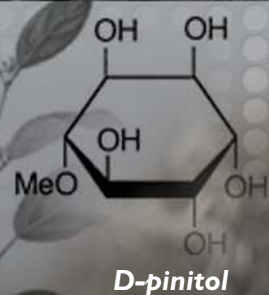
- **slowing carbohydrate absorption from the gastro-intestinal tract (GIT)**
- **improving insulin sensitivity** (up-regulating insulin receptors)
- **hastening glucose transport** into cells (glucose transport is normally the rate limiting step to elevating intra-cellular glucose stores)
- **stimulating a damaged pancreas to produce insulin**

## How does Solal's Diabetes Formula work?

- **Gymnema sylvestra** plant extract, 600mg -standardized for 24% gymnemic acids. **Slows the transport of carbohydrates** from the GIT into the blood stream, reducing the glycaemic (sugar) burden entering the blood stream, making it ideal for type II diabetics. Gymnema sylvestra also **stimulates a damaged pancreas to produce more insulin**, making it ideal for type I diabetes too.
- **D-pinitol**, 50mg - a derivative of inositol, **mimic's insulin** and **hastens the transport of glucose across the cell membrane** into the cell.
- **Goat's Rue** plant extract, 600mg -**enhances the sensitivity of insulin receptors**, making them more responsive to insulin.



**Gymnema Sylvestra**



**Goat's Rue**

Available from SOLAL Technologies, Medical Practitioners, Dis-Chem Pharmacies and selected Pharmacies & Health Shops.

For more information on this product or anti-aging products and protocols or for any health need, contact:  
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[www.solaltech.com](http://www.solaltech.com)