Cresvin™ βeta ≥ OHA's

Cresvin™ βeta

Beta Cell Saviour...

Plant Chemicals NGD	Patient Benefit PBT	Advantage ADV
Pterocarpus marsupium (Epicatechin / Pterostilbene)	Protects Beta Cell / Promotes Beta Cell Regeneration / Insulin Release Reduces Resistance	Increased Beta Cell Number Per Islet increases Adiponectin
Salacia reticulata (Salacinol / Kotanalol	Modulates Multiple Targets Like PPAR γ Increase Glucose Uptake / Hepato-Protectant	Reduces FPG by 30%
Withania somnifera (Withanolides A)	Enhances Glucose Uptake in Skeletal Muscle Myotubes and Adipocytes / Reduces Stress	Reduces HbA1c / Reduction in Triglyceride and LDL Cholesterol
Gymnema sylvestre (Gymnemic acid)	Increases Serum Insulin Levels / Double Increase in Number of Beta Cells	Regeneration and Revitalization of residual Beta Cells
Curcumin (Curcuminoids)	Improves Endothelial Function / Reduces ROS	Increases the number of Small Pancreatic Islets and Prevents Insulitis
Resveratrol	Enhances Mitochondrial Biogenesis / Clearance of Amyloid ß Plaques/ Triggers Master Switch PGC α	Improves Insulin Resistance / Sirtuin Activation

ORAL HYPOGLYCEMIC AGENTS (OHA's)

Line of Treatment LOT	Patient Benefit PBT	Contraindication CON
Sulfonylurea (Glimipride)	Augments Insulin Secretion	Hypoglycemic, Caution Renal Insufficiency, Elderly Patients to Avoid
Thiazolidinediones (Roziglitazone, Pioglitazone)	PPAR γ Receptor / Increased Insulin sensitivity	Liver, Leg Edema, Congestive Heart Failure
Biguanides (Metformin)	Reduced Hepatic Gluconeogenesis	GI Upsets, Lactic Acidosis, to be used only If Creatinine < 1.5mg/dl
Glinides (Repaglinides)	Bind SUR, Short Action	Hypoglycemic, Caution Renal Insufficiency
α-Glucosidase Inhibitor (Acarbose / Voglibose)	Inhibits brush border Enzymes / Reduces Glucose Absorption	Flatulence, Diarrhea
Incretins / GLP-1 (Exenatides)	Stimulates Insulin, Delays Gastric Emptying, Satiety	Nausea, Vomiting
DPP4 Inhibitors (Vildagliptin)	Inhibits GLP1 Breakdown	GI upsets and Side effects

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