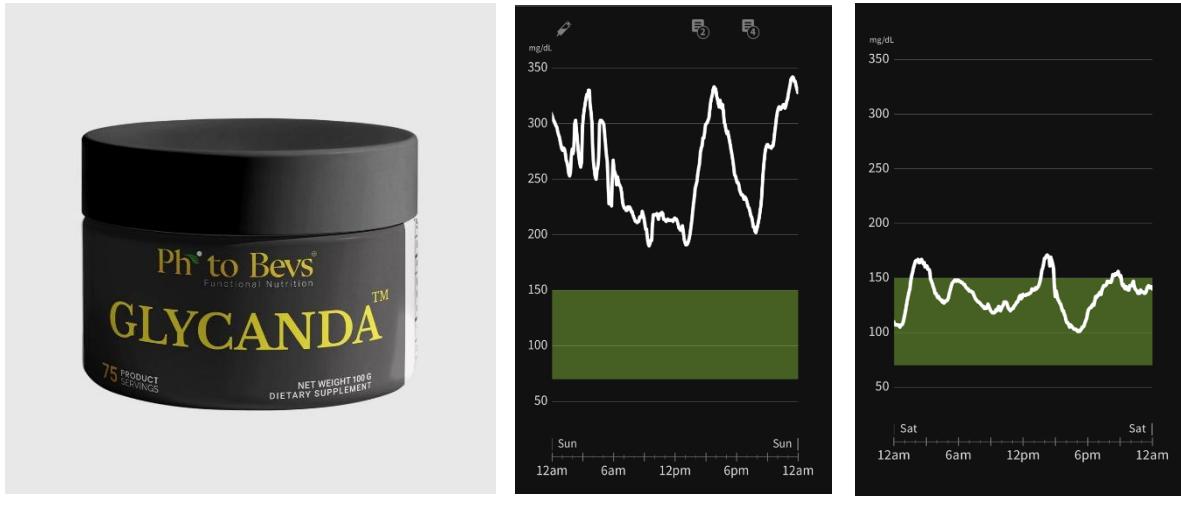


# Acute New-Onset Type 2 Diabetes Observed in 50% of population POST SARS-CoV-2 Infection / Spike Protein

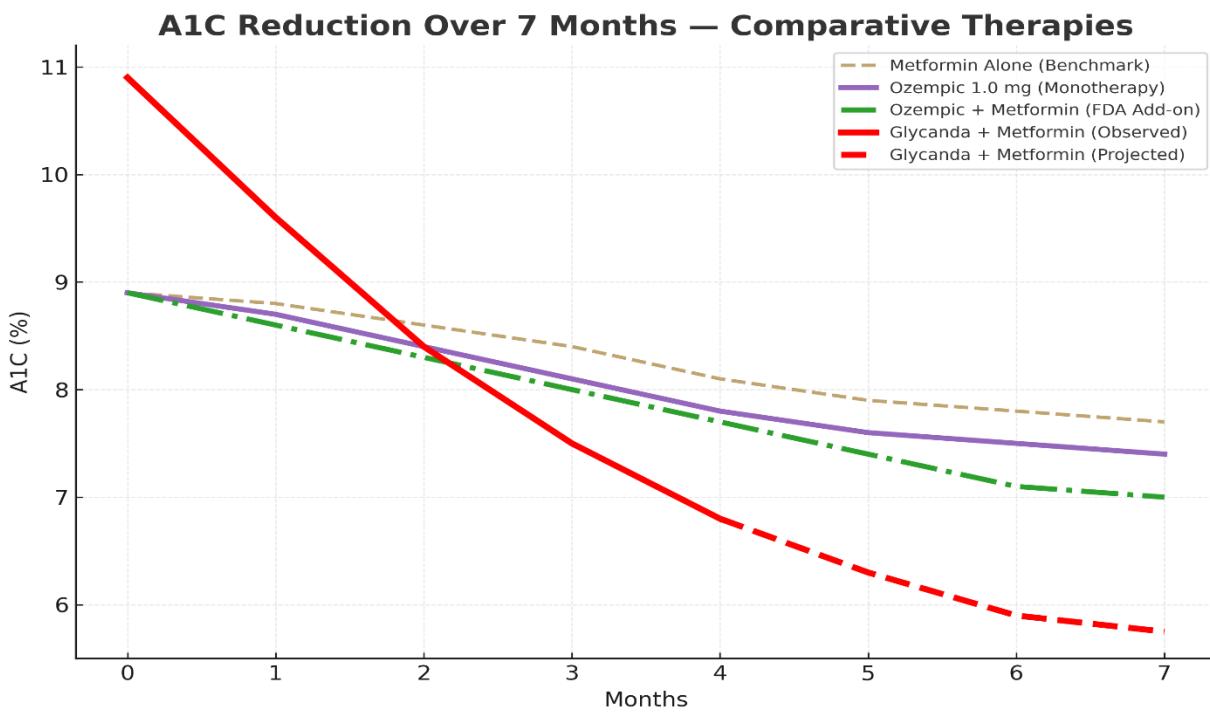


## The Clinical Reality

- Large cohorts and meta-analyses show **≈1.4–1.7× (≈50%) higher relative risk** of new-onset diabetes after SARS-CoV-2 infection, with an **absolute incidence of ~1–2%** in the year following infection.
- Scaled to the pandemic, this likely translates into **3–6 million additional diabetes cases in the US and tens of millions worldwide**, with many still **undiagnosed**.
- Many patients have had **multiple infections**, each adding an inflammatory and endothelial “hit” and **compounding** metabolic risk over time.

**Implication:** Post-COVID and repeatedly infected patients with prediabetes, metabolic syndrome, or obesity now represent a **rapidly growing, high-risk cohort** in every practice.

HbA1c Range	Glycanda™ Suggested Use*
≥ 10.0 – 12.0%	1 scoop TID (with meals) – 3,000 mg/day
8.5 – 9.9%	1 scoop BID–TID – 2,000–3,000 mg/day
7.5 – 8.4%	1 scoop BID – 2,000 mg/day
6.5 – 7.4%	1 scoop QD–BID – 1,000–2,000 mg/day
Prediabetes (5.7 – 6.4%)	½–1 scoop QD – 500–1,000 mg/day
≤ 5.6% (high-risk, hx)	½ scoop QD ≈500 mg/day



#### Mechanistic Alignment: Key Functional Components

- **Amla** – Vitamin C and polyphenol-rich; supports antioxidant defenses and cellular redox balance in chronic inflammatory states.
- **Berberine** – Plant alkaloid with effects on AMPK and gut microbiota; supports insulin sensitivity and post-prandial glycemic control.
- **Chromium Picolinate** – Trace mineral cofactor involved in insulin signaling and nutrient utilization.
- **Bitter Melon** – Source of plant bioactives that complement healthy glucose handling and nutrient processing.
- **Spearmint** – Antioxidant and digestive botanical that may support GI comfort and a balanced inflammatory tone.
- **Inulin & Slippery Elm** – Prebiotic and mucilaginous fibers that nourish beneficial gut microbes and support gut barrier integrity.
- **Okra** – Mucilage-rich plant that may help modulate nutrient absorption and support digestion.
- **Ginger & Raspberry** – Antioxidant botanicals that support gut motility, vascular health, and resilience.
- **Lipocell™ Delivery** – Designed to enhance dispersion and bioavailability of key actives.

Glycanda™ is a dietary supplement and is not intended to diagnose, treat, cure, or prevent any disease. Statements regarding Glycanda™ have not been evaluated by the Food and Drug Administration.