

## **Agreement 16: Comprehensive Diabetes Prevention Program**

**Parties:** MetaHealth Innovations and Mexican Institute of Social Security **Country:** Mexico **Disease Area:** Prediabetes and Diabetes Prevention **Agreement Overview:** This pioneering prevention-focused agreement addresses Mexico's growing diabetes epidemic through a comprehensive population health approach. Targeting approximately 58,000 adults with prediabetes (HbA1c 5.7-6.4%) or multiple risk factors, this contract creates financial incentives for preventing progression to type 2 diabetes. The agreement incorporates lifestyle modification, community-based interventions, digital health tools, and culturally appropriate education to create a sustainable diabetes prevention model.

### **Financial Structure:**

- Base funding: MXN 3,800 per participant annually for prevention services
- Enrollment incentive: MXN 950 per eligible participant successfully recruited and assessed
- Outcome-based payments:
  - 30% bonus (MXN 1,140) for participants achieving 5-7% weight loss at 12 months
  - 25% bonus (MXN 950) for participants demonstrating HbA1c reduction of  $\geq 0.3\%$
  - 40% bonus (MXN 1,520) for participants preventing progression to diabetes at 24 months
- Program-level incentives: MXN 15 million bonus if overall diabetes conversion rate  $< 10\%$  (vs. expected 15-20%)
- Risk sharing: Provider organization assumes 35% financial responsibility for participants developing diabetes
- Cost-avoidance calculation: Annual assessment of prevented diabetes cases with shared savings distribution
- Social impact investment component: External investors provide MXN 85 million upfront funding with returns tied to outcomes
- Digital health supplement: MXN 650 per participant utilizing connected monitoring devices

### **Duration:** 5 years with annual performance assessment **Special Provisions:**

- Culturally adapted diabetes prevention curriculum (16 core sessions + monthly maintenance)
- Community health worker program (promotores de salud) with standardized training
- Workplace implementation component for employed participants
- Mobile screening and enrollment units for underserved communities
- Nutritional counseling with emphasis on traditional healthy Mexican cuisine
- Group-based physical activity programs in community settings
- Digital coaching platform with Spanish-language content
- Family-centered intervention approach involving household members

- Quarterly risk reassessment and program intensity adjustment
- Integration with primary healthcare system for continuous monitoring