

Modelo Relacional – Sistema de Gestión de Clínica (Opción A)

Tabla	Columnas (tipo / restricciones)
Specialty	specialty_id SERIAL PRIMARY KEY name VARCHAR(100) UNIQUE NOT NULL
Patient	patient_id SERIAL PRIMARY KEY full_name VARCHAR(150) NOT NULL email VARCHAR(150) UNIQUE phone VARCHAR(20)
Doctor	doctor_id SERIAL PRIMARY KEY full_name VARCHAR(150) NOT NULL specialty_id INT NOT NULL phone_number VARCHAR(50) UNIQUE
Appointment	appointment_id SERIAL PRIMARY KEY patient_id INT NOT NULL doctor_id INT NOT NULL appointment_date TIMESTAMP NOT NULL status VARCHAR(20) DEFAULT 'PENDING'
Prescription	prescription_id SERIAL PRIMARY KEY appointment_id INT NOT NULL notes TEXT

Modelo Relacional – Relaciones y Claves (Página 2)

Tabla	Claves / Relaciones
Specialty	PK: specialty_id Relación: 1:N con Doctor
Patient	PK: patient_id Relación: 1:N con Appointment
Doctor	PK: doctor_id FK: specialty_id → Specialty(specialty_id) Relación: 1:N con Appointment
Appointment	PK: appointment_id FK: patient_id → Patient(patient_id) FK: doctor_id → Doctor(doctor_id) Relación: 1:N con Prescription
Prescription	PK: prescription_id FK: appointment_id → Appointment(appointment_id)