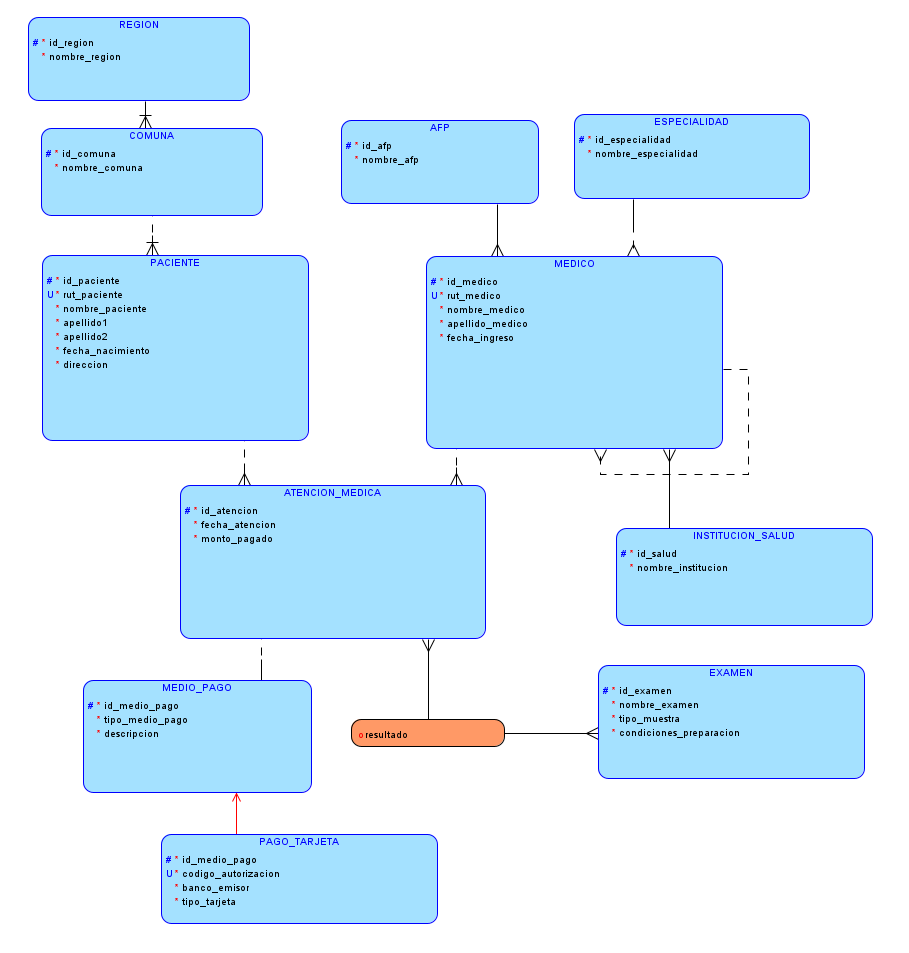
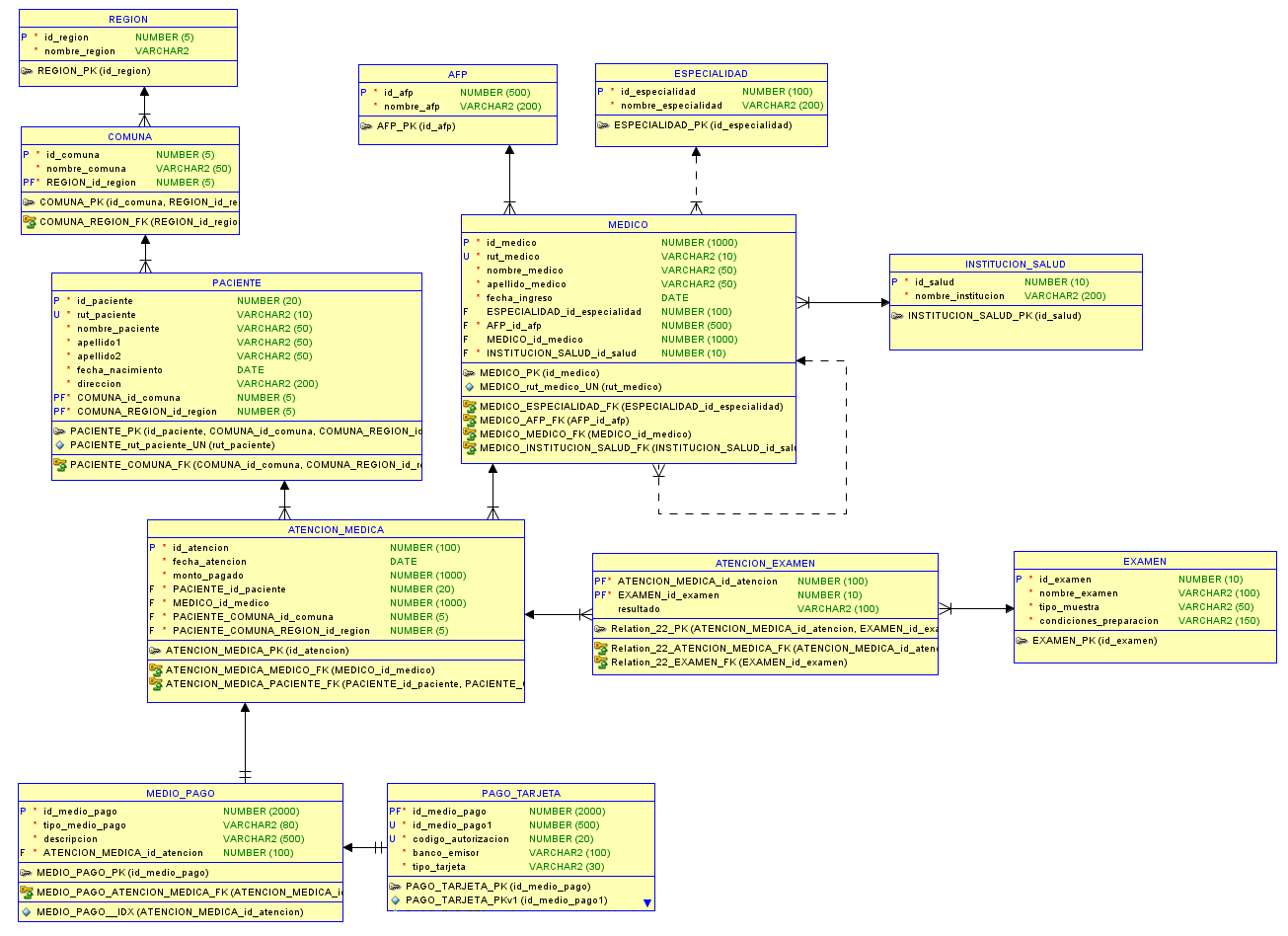
**MODELO MER-E NORMALIZADO NOTACIÓN BARKER**

****

**MODELO RELACIONAL NORMALIZADO**

**SCRIPT DDL**

**-- Generated by Oracle SQL Developer Data Modeler 24.3.1.351.0831**

**-- at: 2025-09-10 22:22:52 CLST**

**-- site: Oracle Database 11g**

**-- type: Oracle Database 11g**

**-- predefined type, no DDL - MDSYS.SDO\_GEOMETRY**

**-- predefined type, no DDL - XMLTYPE**

**CREATE TABLE AFP**

**(**

**id\_afp NUMBER (500) NOT NULL ,**

**nombre\_afp VARCHAR2 (200) NOT NULL**

**)**

**;**

**ALTER TABLE AFP**

**ADD CONSTRAINT AFP\_PK PRIMARY KEY ( id\_afp ) ;**

**CREATE TABLE ATENCION\_EXAMEN**

**(**

**ATENCION\_MEDICA\_id\_atencion NUMBER (100) NOT NULL ,**

**EXAMEN\_id\_examen NUMBER (10) NOT NULL ,**

**resultado VARCHAR2 (100)**

**)**

**;**

**ALTER TABLE ATENCION\_EXAMEN**

**ADD CONSTRAINT Relation\_22\_PK PRIMARY KEY ( ATENCION\_MEDICA\_id\_atencion, EXAMEN\_id\_examen ) ;**

**CREATE TABLE ATENCION\_MEDICA**

**(**

**id\_atencion NUMBER (100) NOT NULL ,**

**fecha\_atencion DATE NOT NULL ,**

**monto\_pagado NUMBER (1000) NOT NULL ,**

**PACIENTE\_id\_paciente NUMBER (20) NOT NULL ,**

**MEDICO\_id\_medico NUMBER (1000) NOT NULL ,**

**PACIENTE\_COMUNA\_id\_comuna NUMBER (5) NOT NULL ,**

**-- ERROR: Column name length exceeds maximum allowed length(30)**

**PACIENTE\_COMUNA\_REGION\_id\_region NUMBER (5) NOT NULL**

**)**

**;**

**ALTER TABLE ATENCION\_MEDICA**

**ADD CONSTRAINT ATENCION\_MEDICA\_PK PRIMARY KEY ( id\_atencion ) ;**

**CREATE TABLE COMUNA**

**(**

**id\_comuna NUMBER (5) NOT NULL ,**

**nombre\_comuna VARCHAR2 (50) NOT NULL ,**

**REGION\_id\_region NUMBER (5) NOT NULL**

**)**

**;**

**ALTER TABLE COMUNA**

**ADD CONSTRAINT COMUNA\_PK PRIMARY KEY ( id\_comuna, REGION\_id\_region ) ;**

**CREATE TABLE ESPECIALIDAD**

**(**

**id\_especialidad NUMBER (100) NOT NULL ,**

**nombre\_especialidad VARCHAR2 (200) NOT NULL**

**)**

**;**

**ALTER TABLE ESPECIALIDAD**

**ADD CONSTRAINT ESPECIALIDAD\_PK PRIMARY KEY ( id\_especialidad ) ;**

**CREATE TABLE EXAMEN**

**(**

**id\_examen NUMBER (10) NOT NULL ,**

**nombre\_examen VARCHAR2 (100) NOT NULL ,**

**tipo\_muestra VARCHAR2 (50) NOT NULL ,**

**condiciones\_preparacion VARCHAR2 (150) NOT NULL**

**)**

**;**

**ALTER TABLE EXAMEN**

**ADD CONSTRAINT EXAMEN\_PK PRIMARY KEY ( id\_examen ) ;**

**CREATE TABLE INSTITUCION\_SALUD**

**(**

**id\_salud NUMBER (10) NOT NULL ,**

**nombre\_institucion VARCHAR2 (200) NOT NULL**

**)**

**;**

**ALTER TABLE INSTITUCION\_SALUD**

**ADD CONSTRAINT INSTITUCION\_SALUD\_PK PRIMARY KEY ( id\_salud ) ;**

**CREATE TABLE MEDICO**

**(**

**id\_medico NUMBER (1000) NOT NULL ,**

**rut\_medico VARCHAR2 (10) NOT NULL ,**

**nombre\_medico VARCHAR2 (50) NOT NULL ,**

**apellido\_medico VARCHAR2 (50) NOT NULL ,**

**fecha\_ingreso DATE NOT NULL ,**

**ESPECIALIDAD\_id\_especialidad NUMBER (100) ,**

**AFP\_id\_afp NUMBER (500) NOT NULL ,**

**MEDICO\_id\_medico NUMBER (1000) ,**

**INSTITUCION\_SALUD\_id\_salud NUMBER (10) NOT NULL**

**)**

**;**

**ALTER TABLE MEDICO**

**ADD CONSTRAINT MEDICO\_PK PRIMARY KEY ( id\_medico ) ;**

**ALTER TABLE MEDICO**

**ADD CONSTRAINT MEDICO\_rut\_medico\_UN UNIQUE ( rut\_medico ) ;**

**CREATE TABLE MEDIO\_PAGO**

**(**

**id\_medio\_pago NUMBER (2000) NOT NULL ,**

**tipo\_medio\_pago VARCHAR2 (80) NOT NULL ,**

**descripcion VARCHAR2 (500) NOT NULL ,**

**ATENCION\_MEDICA\_id\_atencion NUMBER (100) NOT NULL**

**)**

**;**

**CREATE UNIQUE INDEX MEDIO\_PAGO\_\_IDX ON MEDIO\_PAGO**

**(**

**ATENCION\_MEDICA\_id\_atencion ASC**

**)**

**;**

**ALTER TABLE MEDIO\_PAGO**

**ADD CONSTRAINT MEDIO\_PAGO\_PK PRIMARY KEY ( id\_medio\_pago ) ;**

**CREATE TABLE PACIENTE**

**(**

**id\_paciente NUMBER (20) NOT NULL ,**

**rut\_paciente VARCHAR2 (10) NOT NULL ,**

**nombre\_paciente VARCHAR2 (50) NOT NULL ,**

**apellido1 VARCHAR2 (50) NOT NULL ,**

**apellido2 VARCHAR2 (50) NOT NULL ,**

**fecha\_nacimiento DATE NOT NULL ,**

**direccion VARCHAR2 (200) NOT NULL ,**

**COMUNA\_id\_comuna NUMBER (5) NOT NULL ,**

**COMUNA\_REGION\_id\_region NUMBER (5) NOT NULL**

**)**

**;**

**ALTER TABLE PACIENTE**

**ADD CONSTRAINT PACIENTE\_PK PRIMARY KEY ( id\_paciente, COMUNA\_id\_comuna, COMUNA\_REGION\_id\_region ) ;**

**ALTER TABLE PACIENTE**

**ADD CONSTRAINT PACIENTE\_rut\_paciente\_UN UNIQUE ( rut\_paciente ) ;**

**CREATE TABLE PAGO\_TARJETA**

**(**

**id\_medio\_pago NUMBER (2000) NOT NULL ,**

**id\_medio\_pago1 NUMBER (500) NOT NULL ,**

**codigo\_autorizacion NUMBER (20) NOT NULL ,**

**banco\_emisor VARCHAR2 (100) NOT NULL ,**

**tipo\_tarjeta VARCHAR2 (30) NOT NULL**

**)**

**;**

**ALTER TABLE PAGO\_TARJETA**

**ADD CONSTRAINT PAGO\_TARJETA\_PK PRIMARY KEY ( id\_medio\_pago ) ;**

**ALTER TABLE PAGO\_TARJETA**

**ADD CONSTRAINT PAGO\_TARJETA\_PKv1 UNIQUE ( id\_medio\_pago1 ) ;**

**-- ERROR: UK name length exceeds maximum allowed length(30)**

**ALTER TABLE PAGO\_TARJETA**

**ADD CONSTRAINT PAGO\_TARJETA\_codigo\_autorizacion\_UN UNIQUE ( codigo\_autorizacion ) ;**

**CREATE TABLE REGION**

**(**

**id\_region NUMBER (5) NOT NULL ,**

**nombre\_region VARCHAR2**

**-- ERROR: VARCHAR2 size not specified**

**NOT NULL**

**)**

**;**

**ALTER TABLE REGION**

**ADD CONSTRAINT REGION\_PK PRIMARY KEY ( id\_region ) ;**

**ALTER TABLE ATENCION\_MEDICA**

**ADD CONSTRAINT ATENCION\_MEDICA\_MEDICO\_FK FOREIGN KEY**

**(**

**MEDICO\_id\_medico**

**)**

**REFERENCES MEDICO**

**(**

**id\_medico**

**)**

**;**

**ALTER TABLE ATENCION\_MEDICA**

**ADD CONSTRAINT ATENCION\_MEDICA\_PACIENTE\_FK FOREIGN KEY**

**(**

**PACIENTE\_id\_paciente,**

**PACIENTE\_COMUNA\_id\_comuna,**

**PACIENTE\_COMUNA\_REGION\_id\_region**

**)**

**REFERENCES PACIENTE**

**(**

**id\_paciente,**

**COMUNA\_id\_comuna,**

**COMUNA\_REGION\_id\_region**

**)**

**;**

**ALTER TABLE COMUNA**

**ADD CONSTRAINT COMUNA\_REGION\_FK FOREIGN KEY**

**(**

**REGION\_id\_region**

**)**

**REFERENCES REGION**

**(**

**id\_region**

**)**

**;**

**ALTER TABLE MEDICO**

**ADD CONSTRAINT MEDICO\_AFP\_FK FOREIGN KEY**

**(**

**AFP\_id\_afp**

**)**

**REFERENCES AFP**

**(**

**id\_afp**

**)**

**;**

**ALTER TABLE MEDICO**

**ADD CONSTRAINT MEDICO\_ESPECIALIDAD\_FK FOREIGN KEY**

**(**

**ESPECIALIDAD\_id\_especialidad**

**)**

**REFERENCES ESPECIALIDAD**

**(**

**id\_especialidad**

**)**

**;**

**ALTER TABLE MEDICO**

**ADD CONSTRAINT MEDICO\_INSTITUCION\_SALUD\_FK FOREIGN KEY**

**(**

**INSTITUCION\_SALUD\_id\_salud**

**)**

**REFERENCES INSTITUCION\_SALUD**

**(**

**id\_salud**

**)**

**;**

**ALTER TABLE MEDICO**

**ADD CONSTRAINT MEDICO\_MEDICO\_FK FOREIGN KEY**

**(**

**MEDICO\_id\_medico**

**)**

**REFERENCES MEDICO**

**(**

**id\_medico**

**)**

**;**

**ALTER TABLE MEDIO\_PAGO**

**ADD CONSTRAINT MEDIO\_PAGO\_ATENCION\_MEDICA\_FK FOREIGN KEY**

**(**

**ATENCION\_MEDICA\_id\_atencion**

**)**

**REFERENCES ATENCION\_MEDICA**

**(**

**id\_atencion**

**)**

**;**

**ALTER TABLE PACIENTE**

**ADD CONSTRAINT PACIENTE\_COMUNA\_FK FOREIGN KEY**

**(**

**COMUNA\_id\_comuna,**

**COMUNA\_REGION\_id\_region**

**)**

**REFERENCES COMUNA**

**(**

**id\_comuna,**

**REGION\_id\_region**

**)**

**;**

**ALTER TABLE PAGO\_TARJETA**

**ADD CONSTRAINT PAGO\_TARJETA\_MEDIO\_PAGO\_FK FOREIGN KEY**

**(**

**id\_medio\_pago**

**)**

**REFERENCES MEDIO\_PAGO**

**(**

**id\_medio\_pago**

**)**

**;**

**ALTER TABLE ATENCION\_EXAMEN**

**ADD CONSTRAINT Relation\_22\_ATENCION\_MEDICA\_FK FOREIGN KEY**

**(**

**ATENCION\_MEDICA\_id\_atencion**

**)**

**REFERENCES ATENCION\_MEDICA**

**(**

**id\_atencion**

**)**

**;**

**ALTER TABLE ATENCION\_EXAMEN**

**ADD CONSTRAINT Relation\_22\_EXAMEN\_FK FOREIGN KEY**

**(**

**EXAMEN\_id\_examen**

**)**

**REFERENCES EXAMEN**

**(**

**id\_examen**

**)**

**;**

**-- Oracle SQL Developer Data Modeler Summary Report:**

**--**

**-- CREATE TABLE 12**

**-- CREATE INDEX 1**

**-- ALTER TABLE 28**

**-- CREATE VIEW 0**

**-- ALTER VIEW 0**

**-- CREATE PACKAGE 0**

**-- CREATE PACKAGE BODY 0**

**-- CREATE PROCEDURE 0**

**-- CREATE FUNCTION 0**

**-- CREATE TRIGGER 0**

**-- ALTER TRIGGER 0**

**-- CREATE COLLECTION TYPE 0**

**-- CREATE STRUCTURED TYPE 0**

**-- CREATE STRUCTURED TYPE BODY 0**

**-- CREATE CLUSTER 0**

**-- CREATE CONTEXT 0**

**-- CREATE DATABASE 0**

**-- CREATE DIMENSION 0**

**-- CREATE DIRECTORY 0**

**-- CREATE DISK GROUP 0**

**-- CREATE ROLE 0**

**-- CREATE ROLLBACK SEGMENT 0**

**-- CREATE SEQUENCE 0**

**-- CREATE MATERIALIZED VIEW 0**

**-- CREATE MATERIALIZED VIEW LOG 0**

**-- CREATE SYNONYM 0**

**-- CREATE TABLESPACE 0**

**-- CREATE USER 0**

**--**

**-- DROP TABLESPACE 0**

**-- DROP DATABASE 0**

**--**

**-- REDACTION POLICY 0**

**--**

**-- ORDS DROP SCHEMA 0**

**-- ORDS ENABLE SCHEMA 0**

**-- ORDS ENABLE OBJECT 0**

**--**

**-- ERRORS 3**

**-- WARNINGS 0**