

-- TABELAS

CREATE TABLE medicos

```
(
  crm          NUMBER(5)   NOT NULL,
  nome         VARCHAR(100) NOT NULL,
  especialidade VARCHAR(100) NOT NULL,

  CONSTRAINT PK_medicos PRIMARY KEY (crm)
);
```

CREATE TABLE pacientes

```
(
  cpf   VARCHAR(15)   NOT NULL,
  nome  VARCHAR(100)  NOT NULL,
  sexo  CHAR(1)       NOT NULL,

  CONSTRAINT PK_pacientes PRIMARY KEY (cpf)
);
```

CREATE TABLE medicospacientes

```
(
  crm  NUMBER(5)   NOT NULL,
  cpf  VARCHAR(15) NOT NULL,

  CONSTRAINT FK_CRM   FOREIGN KEY (crm) REFERENCES medicos(crm),
  CONSTRAINT FK_CPF   FOREIGN KEY (cpf)  REFERENCES pacientes(cpf)
);
```

ALTER TABLE medicospacientes ADD CONSTRAINT PK_MEDPAC PRIMARY KEY (crm,cpf);

-- INSERCOES

```
INSERT INTO medicos          VALUES (10,'Dr. Santos','Cardiologista');
INSERT INTO medicos          VALUES (11,'Dra. Dora','Neurologista');
INSERT INTO pacientes        VALUES ('501','Pedro','M');
INSERT INTO pacientes        VALUES ('502','Ana','F');
INSERT INTO pacientes        VALUES ('503','Carlos','M');
INSERT INTO medicospacientes VALUES (10,501);
INSERT INTO medicospacientes VALUES (10,503);
INSERT INTO medicospacientes VALUES (11,503);
INSERT INTO medicospacientes VALUES (9,9); -- erro
```

-- TABELA DE CONSULTAS

CREATE TABLE consultas

```
(
    crm NUMBER(5)          NOT NULL,
    cpf VARCHAR(15)        NOT NULL,
    data date              NOT NULL,
    diagnostico VARCHAR(500) NULL,

    CONSTRAINT FK_CONSCRM  FOREIGN KEY (crm)    REFERENCES medicos(crm),
    CONSTRAINT FK_CONSCPF  FOREIGN KEY (cpf)    REFERENCES pacientes(cpf),
    CONSTRAINT PK_CONS     PRIMARY KEY (crm,data)

);
```

INSERT INTO consultas VALUES (10, '501', TO_DATE('10-12-2015 11:15','DD-MM-YYYY HH24:MI'), NULL);