This is our final ER-model. We removed some constraints on hospital-staff and physician-office since we figured they can exist without each other. We also reduced the Procedures with relationships to Room instead of both Office and SurgeryRoom to reduce redundancy.

Rooms entity with attributes: *level*, description, *room number*

ISA → Office, Surgery Room

has (relationship, Hospital — Rooms)

Hospital entity with attributes: Name, address, city, postal code, province

Procedure entity with attributes: Procedure ID, Description, Time, date

hosted in (relationship)

stays in (relationship)

stays in (relationship)

Attends (relationship)

Attends (relationship)

works at (relationship)

Staff entity with attributes: SIN, name, postal code, address, phone number, city, province

ISA → Janitor, Receptionist, Security, Nurses

Physicians entity with attribute: speciality

Patients entity with attributes: city, province, postal code, address, name, heathid, health info, phone number