

----- employee -----

**Employee**(ID, name)

**Position**(employee, position)

FK: (employee)  $\subseteq$  Employee(ID)

**Address**(employee, street, city, ZIP-code)

FK: (employee)  $\subseteq$  Employee(ID)

**Boss**(employee, superior)

FK: (employee)  $\subseteq$  Employee(ID)

FK: (superior)  $\subseteq$  Employee(ID)

**Nurse**(ID, block)

FK: (ID)  $\subseteq$  Employee(ID)

FK: (block)  $\subseteq$  Block(code)

**Doctor**(ID, department)

FK: (ID)  $\subseteq$  Employee(ID)

FK: (department)  $\subseteq$  Department(code)

---- department ----

**Department**(code, name, head)

FK: (head)  $\subseteq$  Employee(ID)

----- patient -----

**Patient**(ID, name, dateOfBirth, bloodType)

**Phone**(patient, phone)

FK: (patient)  $\subseteq$  Patient(ID)

**Insurance**(patient, insurance)

FK: (patient)  $\subseteq$  Patient(ID)

---- stay ----

**Block**(code, floor)

**Room**(block, number, type)

FK: (block)  $\subseteq$  Block(code)

**Stay**(patient, block, room)

FK: (patient)  $\subseteq$  Patient(ID)

FK: (block, room)  $\subseteq$  Room(block, number)

---- examination ----

**Examination**(date, examinationRoom, doctor, patient, nurse)

FK: (doctor)  $\subseteq$  Employee(ID)

FK: (nurse)  $\subseteq$  Employee(ID)

FK: (patient)  $\subseteq$  Patient(ID)

---- diagnosing ----

**Diagnosis**(code, name)

**Diagnosing**(doctor, patient, diagnosis)

FK: (doctor)  $\subseteq$  Employee(ID)

FK: (patient)  $\subseteq$  Patient(ID)

FK: (diagnosis)  $\subseteq$  Diagnosis(code)