**UNF**  
APPOINTMENT( dentist\_id, dentist\_name, patient\_id, patient\_name, appointment\_datetime, surgery\_roomno)

No multivalued attributes

**1NF**  
APPOINTMENT( dentist\_id, appointment\_datetime, dentist\_name, patient\_id, patient\_name, surgery\_roomno)

**CKs***dentist\_id, appointment\_datetime*  
patient\_id, appointment\_datetime  
surgery\_roomno, appointment\_datetime

**Partial key:**dentist\_id -> dentist\_name  
patient\_id -> patient\_name  
  
  
**2NF**APPOINTMENT( dentist\_id, appointment\_datetime, patient\_id, surgery\_roomno)

DENTIST(dentist\_id, dentist\_name)

PATIENT(patient\_id, patient\_name)  
  
**Transitive dependencies**

NONE

**3NF**

APPOINTMENT( dentist\_id, appointment\_datetime, patient\_id, surgery\_roomno)

DENTIST(dentist\_id, dentist\_name)

PATIENT(patient\_id, patient\_name)   
  
FULL DEPENDENCIES  
  
dentist\_id, appointment\_datetime 🡪 patient\_id, surgery\_roomno  
dentist\_id -> dentist\_name  
patient\_id -> patient\_name