**List of FDs**

PatNo → PatAge, PatZip

PatZip → PatCity

VisitNo → PatNo, VisitDate

ProvNo→ ProvSpecialty, ProvEmail

(ProvNo, VisitNo) → Diagnosis

For each FD group, make a table with the determinant as the primary key. In the table list, the primary keys are bold and underlined.

**Table1** ( **PatNo** , ***PatZip*** , PatAge)

FOREIGN KEY ( ***PatZip***) REFERENCES **Table11**

**Table11**( **PatZip** , PatCity)

**Table2** ( **VisitNo** , ***PatNo***,VisitDate)

FOREIGN KEY ( ***PatNo***) REFERENCES **Table1**

**Table3** ( **ProvNo** , ProvEmail, ProvSpecialty)

UNIQUE(ProvEmail)

**Table4** ( ***ProvNo* , *VisitNo* ,** Diagnosis)

FOREIGN KEY ( ***ProvNo*** ) REFERENCES **Table3**

FOREIGN KEY ( ***VisitNo*** ) REFERENCES **Table2**

No merging is possible in the above tables because there is no containment.