1. PatNo → PatAge
2. PatZip9 → PatCity
3. VisitNo → VisitDate
4. PatNo → PatZip9
5. ProvNo → ProvSpecialty
6. VisitNo → PatNo
7. VisitNo, ProvNo → Diagnosis
8. ProvNo → ProvEmail
9. ProvEmail → ProvNo

**List of FD’s:**

PatNo 🡺 PatAge,PatZip9

PatZip9 🡺 PatCity

VisitNo 🡺 VisitDate, PatNo

ProvNo 🡺 ProvSpecialty, ProvEmail

VisitNo, ProvNo 🡺 Diagnosis

**List of Tables:**

Partition Table 1--(PatNo, PatAge, PatZip9)

FOREIGN KEY (PatZip9) REFERENCES Partition Table 2

Partition Table 2 --(PatZip9, PatCity)

Partition Table 3 --(VisitNo, VisitDate, PatNo)

FOREIGN KEY (PatNo) REFERENCES Partition Table 1

Partition Table 4 --(ProvNo, ProvSpecialty, ProvEmail)

UNIQUE (ProvEmail)

Partition Table 5 --(VisitNo, ProvNo ,Diagnosis)

FOREIGN KEY (PatNo) REFERENCES Partition Table 1

FOREIGN KEY (VisitNo) REFERENCES Partition Table 3