Normalization of Relational Schema

The following Functional Dependencies exists in the relational schema –

1. POLICY {PolicyID -> Name, Co-insurance, Description, Deductible, Out of Pocket, Annual Coverage}
2. BUYER {BuyerID -> Name, Address}
3. PERSON {PersonID -> Name, Gender, Age, D.O.B, Address, IPflag, Agflag, Dflag, Salary, Education, Experience, Occupation, Designation, Commission, Married, BuyerID}
4. BUYER POLICIES {AgentID, PolicyID, BuyerID -> Auto-renew, Premium, Period}
5. HOSPITAL {HosptalID -> Name }
6. BRANCH {BranchID -> HospitalID, Address, Street, City, PinCode, State, Country}
7. MEDICAL HISTORY {BranchID -> Height, Weight, Smoking, Alcohol consumption, Injuries, Disease, Medicines, Sugery, Birth Place}
8. TREATMENT {PersonID, BranchID -> Days, Start Date, Diagnosis}
9. CLAIM {ClaimID -> Date, Description, Amount, Status, Severity}
10. TRANSACTION {TransactionID -> Amount, Date, Method}

The above functional dependencies are in third normal form since there is no partial dependency transitive dependency.