

First, make the original key attributes mandatory. Whenever the tuples are entered in the entity, the original key attributes Patient and Test must be also entered.

Second, configure the referential integrity for the original key attributes. When the original key attributes are entered, the values in the related parent entities must be good valid values.

Third, the combination of the original key attributes should be unique. The unique indexes can be created via the combination of the original key attributes to enforce the data integrity.