**Conducts** (Doctor to MedicalTest)

**MedicalTest**  

**Doctor** 

**OutPatient**

**InPatient**

ISA

**Patient** 

Relationships

**Undergoes** (Patient to MedicalTest)

**Treatment** (Doctor to Patient)

1. **Treatment** (Doctor to Patient)
   * Many-to-Many relationship (a doctor can treat many patients, a patient can be treated by many doctors)
   * Attributes: TreatmentDate, Diagnosis
2. **Conducts** (Doctor to MedicalTest)
   * One-to-Many relationship (a doctor can conduct many tests, each test is conducted by one doctor)
3. **Undergoes** (Patient to MedicalTest)
   * One-to-Many relationship (a patient can undergo many tests, each test is for one patient)