Visit Record

Clinic Info.
Patient Info.
Medical Staff Info.
Medications

0..*

0..*

Has -->

0..*

Has -->

0..*

Has
|
v

0..*

Healthcare Provider

0..*

<-- takes care of

0..* **Clinic** 1..*

Employs -->

1..*

0..*

0..* 0..*

Patient

name
birthday

1..*

<-- Treats

0..*

Medical Staff

Identification: Name

Prescribe Medicine

1..*

Prescribes -->

0..*

0..*

Medications

Drug name
Manufacturer Name
Batch
Date Produced
Date Expired
Drug Form
Instruction of Having
Drug Dosage Info
date of delivering

Nurse

record vitals: weight, height, bp

Physician

Notes#1
Visit Record Attribute contains 4 parts of informaiton: Patient, Clinic,Medical Staff, and Medications. It shows aggregation relagiontship using a line with a hollow diamond.

Notes#2
Healthcare provider attribute is made due to #5 requirement. The message I wanted to deliver is that a patient could go to different healthcare providers for treatments whereas one clinic at a time and one vist record is generated per visit. Not sure where to put Healthcare Provider if I'd like to keep this attribute, and what lines should I draw to demonstrate relationships among healthcare provdier, clinic, patient, and medical staff.

I'm not sure if the lines I drew here are correct, but I'd be happy to share the thinking process I had.

Need to consider: Sometimes medical staff, patient are connected with healthcare provider(a medical network) rather than a specific clinic. Although a clinic does the job to generate a medical record.