1NF: Here, the attributes Phone, Department ID, Room no, Room Type had multiple values. So it has been changed as each record with single values.

No DI		Address		Department, ID	Designation	Charge!	Patient No	Pattent	CHIC	Phone	Room	Room	Be No
21	Dr. Nadown	Pbc 123	042-123	Neurology Neurology	Professor	1000	PI	Khalid	12345-1	042-1	R2	Normal	B.1
2	Pr. Nadeon		0334-124		Pro bersor	1000	P5	Ahmed.	12345-2	042-2	R2	Normed	Bi
2	Dr. Nadeem		-	Orthopedic		0000	PT	Anun	12345-3	042-3	NII		N:1
4	Dr. Enum		0321-123	Orthopedic Ent	0000	5000	Pu	Mehmood	12345-4	042-4	122	Normal	BI
ч	Dr. Enum	AK128	0321-123	Hermology	Asst. Prof	8000		Anum	12345-3	042-3	124	Two bed	B2
5	Dr. Hafey	Nd 128	0321-124	Skin	Asst. Prof. Dest. Prof	3000		L hawar.	12345-6	042-5	Ru	Two bed	B 7
5	Dr. Hafteg	Nd 123	0821-124		9			Tanweeel	12345-7	042-6	mı		Mil
				Orthopedic	Asst-Prof	3000.		Khalid	12345-1	042-1	RF	Special	BR
							.0		12345-9	042-8	N:I		1111
							P 13	Ahmed	12345-0	042-9	R G	Special	

2NF: The attributes Charges and Room Type are non prime attributes and they have partial dependencies. They have been removed and tables have been created.

No.	Name	Address	Phone	Dep. Jp	Designation	Patient	Patient Nanc	CHIC	Phone,	, Room No	Bed
2 D 2 D 4 F D 4 F D	r. Nadem r. Nadem r. Nadem r. Enum	Kh 13 AL 123 AL 123 AL 123	0 42-123 0 334-124 0 300-123 0 321-123 0 321-124	Newslogy	Professor Asst. Prof Asst. Prof	P1 P5 P1 P4 P1 P1 P1 P1 P12 P13	Rhourd Anum Hehmood Bnum Ichowai Taunweer Khalid Sohail Ahmed	12345-3 12345-6 12345-7 12345-1	042-2 042-3 042-4 042-3 042-5	R2 R2 Nil R4 R4 R4 Nil 25	B1. B1
	Profesor 50	Charge . 5000					Ry Ry		Room Typ Normal Two bed Special		

Special

3NF: The Phone Number of Doctors and Patients are transitively dependent to the doctor number and patient number respectively. So, it has been normalized.

No Name	Address	PepID	Designations	Patient No	I would be	CNIC		
D2 Dr. Nacleum D4 Dr. Enum D4 Dr. Enum D5 Dr. Habery	66123 Alc123 Alc123 Nd 123	Newology Skin	Profesor Asst. Prof But. Prof But. Prof Aut. Prof	PI PT PT PT PT PI PID PID	Hamed Ehalid Ahamed Anum Mehmood Auro Thawaa Thom weed	12345-1 12345-3 12345-4 12345-4 12345-7 12345-1 12345-9	Room No R2 R2 Nil R2 R4 Ril R5 Nil) R6	Bed Mb B1 B1 B1 B1 B1 B1 B1 B1 B1 B

Address	Phone No	CNIC	
Abc 123	0333-123		Phone No
Abc 123	042-123	12345-0	042-9
16613	0300-128	12345-2	042-1
A 16123	0 321-123	12345-4	042-3
Nd123	,0 321-124	12345-6	042-5
		12345-9	042-6

BCNF:

Every attribute should be functionally dependent on the primary key. But Doctor No and Patient No are not dependent. So, it has been normalized.

		j		
No No	Poc Name	Address	Depid	Designations
D4 F	Dr. Nadern Dr. Nadern Dr. Enuro Dr. Enuro Dr. Enuro Tr. Haberz Tr. Haberz	Abr 123 Eb 123 Abr 123 Abr 123 Nd 123 Nd 123	Neomology Orthopedic ENT Nemology Skin Orthopedic	Probleman Probleman Probleman Asst. Probleman Past. Probleman Asst. Probleman

Patient No	Patient Name	CNIC	Room No	Bed No
Pq P18 P18	Ehelid Phamed Anum Mehmood Auro Cheway Thom weeg Khelid So hail Ahmed	12345-1 12345-3 12345-4 12345-3 12345-7 12345-7 12345-1 12345-1 12345-0	22 NII 22 R4 R4 NII R5	B1 B1 B1 B1 B7 B7 M11 B8