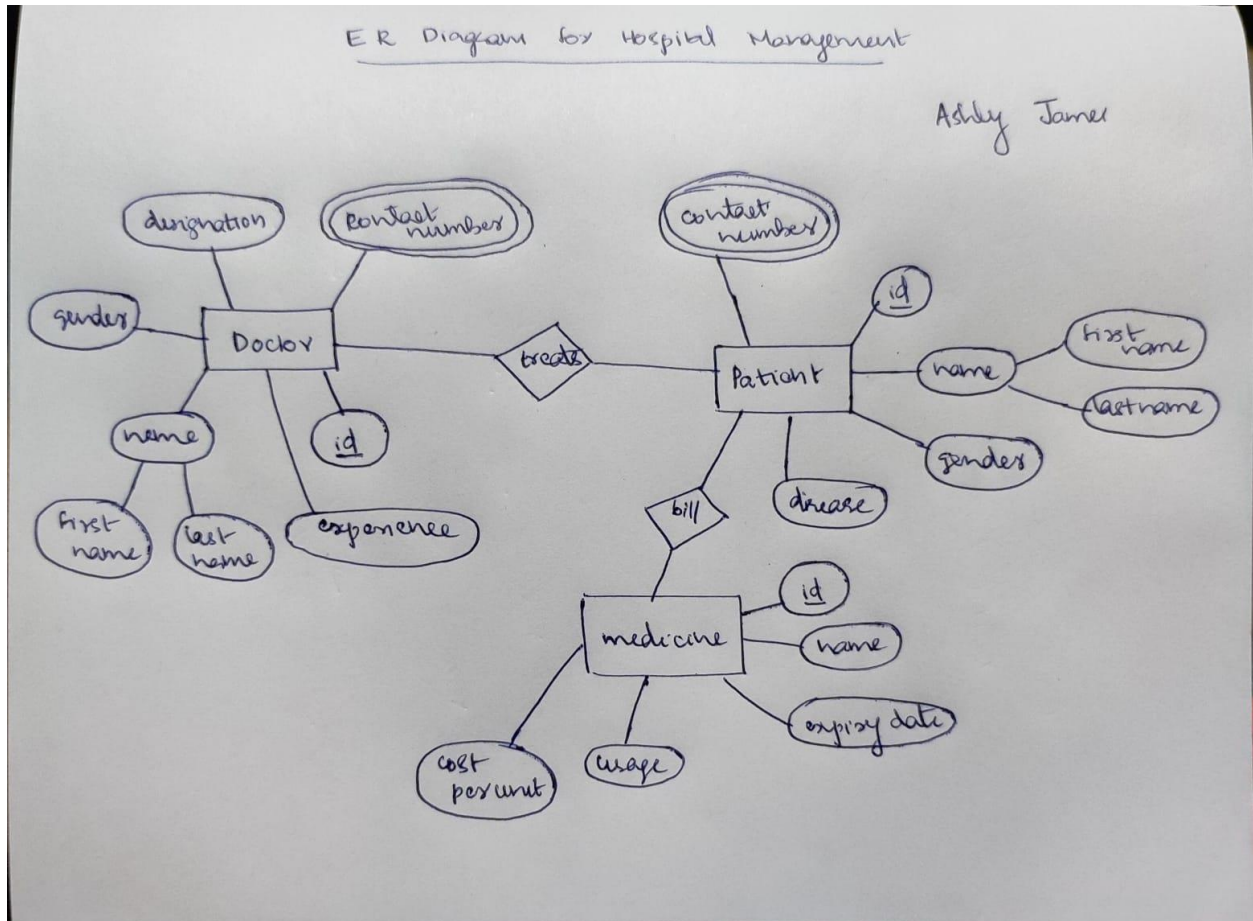


# ER DIAGRAM



# DOCTOR DATABASE

pgAdmin 4

File Object Tools Help

Object Explorer

public

- Aggregates
- Collations
- Domains
- FTS Configuratio
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Vie
- Operators
- Procedures
- Sequences
- Tables (3)
  - doctors

public.doctors/Hospital/postgres@PostgreSQL 16

Data Output Messages Notifications

	id [PK] integer	first_name character varying (60)	last_name character varying (60)	designation character varying (60)	gender character	experience integer	contact_number bigint
1	10667	Valina	Scheffler	Gynecologist	Female	12	9309316936
2	10986	Hirsch	Suckling	Radiologist	Genderfluid	1	7408221376
3	11172	Moselle	Vobes	Orthopedic Surgeon	Female	2	6437349390
4	11506	Ly	MacGuigan	Chief Surgeon	Male	7	8084618743
5	11854	Bruis	Vital	Chief Surgeon	Male	4	6851570311
6	12107	Tynan	Astles	Pediatrician	Male	25	8216336447
7	12624	Raimondo	Grocutt	Dermatologist	Male	6	8448093934
8	12635	Holli	McSkeagan	Dermatologist	Female	24	8088618709
9	12996	Keefe	McGlone	Orthopedic Surgeon	Male	5	8639858944
10	13446	Rosy	Rany	Dermatologist	Female	17	8301739477
11	13648	Dylan	Teece	Cardiologist	Male	14	7200152760
12	14289	Liana	Kollasch	Radiologist	Female	2	7363545909
13	14408	Izaak	Tissell	Dermatologist	Male	3	6634964079
14	14646	Josselyn	Kemme	Radiologist	Genderfluid	18	7023366408
15	15141	Jessie	Faulkner	Chief Surgeon	Female	23	7769765293
16	15341	Eric	Kinney	Neurologist	Male	7	6056325973

Total rows: 350 of 350 Query complete 00:00:01.012 Ln 1, Col 1

# PATIENT DB

pgAdmin 4

File Object Tools Help

Object Explorer

public

- Aggregates
- Collations
- Domains
- FTS Configuratio
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Vie
- Operators
- Procedures
- Sequences
- Tables (3)
  - doctors
  - medicine
  - patient

public.patient/Hospital/postgres@PostgreSQL 16

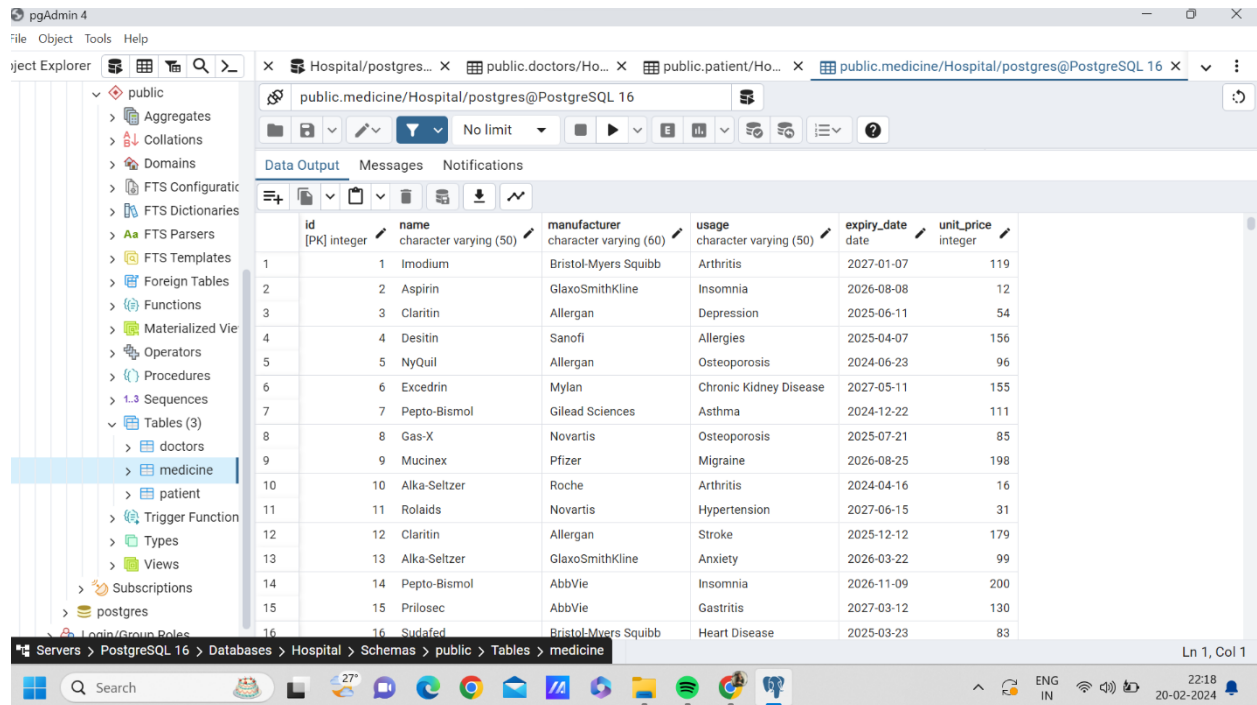
Data Output Messages Notifications

	id [PK] integer	first_name character varying (50)	last_name character varying (50)	disease character varying (50)	gender character varying (50)	contact_number bigint
1	1	Nessa	Eustice	Asthma	Female	8743862008
2	2	Shari	Ginnaly	Diabetes	Female	8931060816
3	3	Annamaria	Priestman	Chronic Kidney Disease	Bigender	9498744883
4	4	Danica	Emmitt	Obesity	Female	8493639312
5	5	Terrel	Larderot	Obesity	Male	8989051393
6	6	Hillier	Proberts	Alzheimer's	Male	7691943989
7	7	Carlynn	Finker	Gastritis	Female	7154599186
8	8	Serene	Billo	Migraine	Female	6691570234
9	9	Catherina	Gobbett	Diabetes	Female	9108687041
10	10	Hestia	Farnworth	Depression	Female	6449277223
11	11	Fields	Jurisch	Hypertension	Male	8788534184
12	12	Beverie	Stivers	Bronchitis	Female	8729109920
13	13	Cherin	Headly	Hypertension	Female	8935898770
14	14	Almeria	Dondon	Alzheimer's	Female	9469470507
15	15	Natividad	Greatrakes	Obesity	Non-binary	8431470552
16	16	Larry	Thorbon	Hypertensi		

Total rows: 350 of 350 Query complete 00:00:00.182 Ln 1, Col 1

Successfully run. Total query runtime: 182 msec. 350 rows affected.

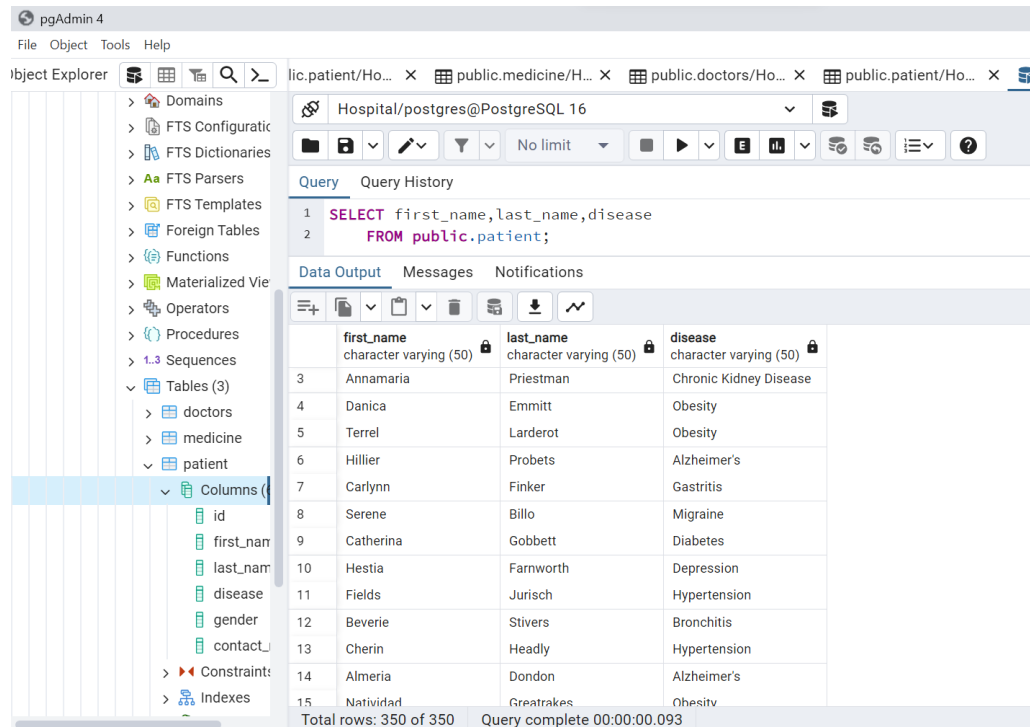
# MEDICINE DB



The screenshot shows the pgAdmin 4 interface with the 'public.medicine' table selected. The table contains 16 rows of data, including columns for id, name, manufacturer, usage, expiry\_date, and unit\_price.

id	name	manufacturer	usage	expiry_date	unit_price
1	Imodium	Bristol-Myers Squibb	Arthritis	2027-01-07	119
2	Aspirin	GlaxoSmithKline	Insomnia	2026-08-08	12
3	Claritin	Allergan	Depression	2025-06-11	54
4	Desitin	Sanofi	Allergies	2025-04-07	156
5	NyQuil	Allergan	Osteoporosis	2024-06-23	96
6	Excedrin	Mylan	Chronic Kidney Disease	2027-05-11	155
7	Pepto-Bismol	Gilead Sciences	Asthma	2024-12-22	111
8	Gas-X	Novartis	Osteoporosis	2025-07-21	85
9	Mucinex	Pfizer	Migraine	2026-08-25	198
10	Alka-Seltzer	Roche	Arthritis	2024-04-16	16
11	Rolaids	Novartis	Hypertension	2027-06-15	31
12	Claritin	Allergan	Stroke	2025-12-12	179
13	Alka-Seltzer	GlaxoSmithKline	Anxiety	2026-03-22	99
14	Pepto-Bismol	AbbVie	Insomnia	2026-11-09	200
15	Prilosec	AbbVie	Gastritis	2027-03-12	130
16	Sudafed	Bristol-Myers Squibb	Heart Disease	2025-03-23	83

# SELECT



The screenshot shows the pgAdmin 4 interface with a SELECT query executed. The query is: `SELECT first_name, last_name, disease FROM public.patient;` The result shows 15 rows of data from the 'public.patient' table.

first_name	last_name	disease
Annamaria	Priestman	Chronic Kidney Disease
Danica	Emmitt	Obesity
Terrel	Larderot	Obesity
Hillier	Probets	Alzheimer's
Carlynn	Finker	Gastritis
Serene	Billo	Migraine
Catherina	Gobbett	Diabetes
Hestia	Farnworth	Depression
Fields	Jurisch	Hypertension
Beverie	Stivers	Bronchitis
Cherin	Headly	Hypertension
Almeria	Dondon	Alzheimer's
Natividad	Greatrakes	Obesity

Total rows: 350 of 350 Query complete 00:00:00.093

# SELECT WITH CONDITION

The screenshot shows the pgAdmin 4 interface. On the left, the Object Explorer displays the database structure, with the 'patient' table selected under the 'public' schema. The main query editor displays the following SQL query:

```
1 SELECT first_name, last_name, disease
2 FROM public."patient"
3 WHERE disease='Obesity';
```

The 'Data Output' tab shows the results of the query in a table format:

	first_name character varying (50)	last_name character varying (50)	disease character varying (50)
1	Danica	Emmitt	Obesity
2	Terrel	Larderot	Obesity
3	Natividad	Greatakes	Obesity
4	Tabitha	Mixworthy	Obesity
5	Cilka	Bagster	Obesity
6	Cairistiona	Pagin	Obesity
7	Guinna	Abbie	Obesity
8	Butch	Westell	Obesity
9	Catlee	McKeag	Obesity
10	Shantee	Lovekin	Obesity

# INSERT

The screenshot shows the pgAdmin 4 interface. On the left, the Object Explorer displays the database structure, with the 'doctors' table selected under the 'public' schema. The main query editor displays the following SQL query:

```
1 SELECT * FROM public.doctors ORDER BY
```

The 'Data Output' tab shows the results of the query in a table format:

	id [PK] integer	first_name character varying (60)	last_name character varying (60)	designation character varying (60)	gender character	experience integer	contact_number bigint
1	501	Ashly	James	surgeon	Female	...	9675643897
2	10667	Valina	Scheffler	Gynecologist	Female	...	9309316936
3	10986	Hirsch	Suckling	Radiologist	Genderfluid	...	7408221376
4	11172	Moselle	Vobes	Orthopedic Surgeon	Female	...	6437349390
5	11506	Ly	MacGuigan	Chief Surgeon	Male	7	8084618743
6	11854	Bruis	Vital	Chief Surgeon	Male	4	6851570311
7	12107	Tynan	Astles	Pediatrician	Male	25	8216336447
8	12624	Raimondo	Grocutt	Dermatologist	Male	6	8448093934
9	12635	Holli	McSkeagan	Dermatologist	Female	...	8088618709
10	12996	Keefe	McGlone	Orthopedic Surgeon	Male	5	8639859944

# UPDATE

pgAdmin 4

File Object Tools Help

Object Explorer

- Aggregates
- Collations
- Domains
- FTS Configuratio
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Vie
- Operators
- Procedures
- Sequences
- Tables (3)
  - doctors
  - medicine
  - patient**
- Trigger Function
- Types
- Views
- Subscriptions
- postgres
- Login/Group Roles
- Tablespaces

Query: `SELECT * FROM public.patient ORDER BY id ASC`

Data Output

id	first_name	last_name	disease	gender	contact_number
[PK] integer	character varying (50)	character varying (50)	character varying (50)	character varying (50)	bigint
4	Danica	Emmitt	Obesity	Female	8493639312
5	Terrel	Larderot	Obesity	Male	8989051393
6	Hillier	Proberts	Alzheimer's	Male	7691943989
7	Carlynn	Finker	Gastritis	Female	7154599186
8	Serene	Billo	Migraine	Female	6691570234
9	Catherina	Gobbett	Diabetes	Female	9108687041
10	Hestia	Farnworth	Depression	Female	6449277223
11	Fields	Jurisch	Hypertension	Male	8788534184
12	Beverie	Stivers	Bronchitis	Female	9675423567
13	Cherin	Headly	Hypertension	Female	8935898770

# DELETE

pgAdmin 4

File Object Tools Help

Object Explorer

- Aggregates
- Collations
- Domains
- FTS Configuratio
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Vie
- Operators
- Procedures
- Sequences
- Tables (3)
  - doctors
  - medicine**
  - patient
- Trigger Function
- Types
- Views
- Subscriptions
- postgres
- Login/Group Roles
- Tablespaces

Query: `SELECT * FROM public.medicine ORDER BY id ASC`

Data Output

id	name	manufacturer	usage	expiry_date	unit_price
[PK] integer	character varying (50)	character varying (60)	character varying (50)	date	integer
1	Imodium	Bristol-Myers Squibb	Arthritis	2027-01-07	119
2	Aspirin	GlaxoSmithKline	Insomnia	2026-08-08	12
3	Claritin	Allergan	Depression	2025-06-11	54
4	Desitin	Sanofi	Allergies	2025-04-07	156
5	NyQuil	Allergan	Osteoporosis	2024-06-23	96
6	Excedrin	Mylan	Chronic Kidney Disease	2027-05-11	155
7	Pepto-Bismol	Gilead Sciences	Asthma	2024-12-22	111
8	Gas-X	Novartis	Osteoporosis	2025-07-21	85
9	Mucinex	Pfizer	Migraine	2026-08-25	198
10	Alka-Seltzer	Roche	Arthritis	2024-04-16	16