

```
cs421=> \d clients
```

```
Table "cs421g24.clients"
```

Column	Type	Modifiers
cid	integer	not null
email	character varying(30)	not null
phone	character varying(20)	not null
address	text	not null
account	character varying(30)	not null

```
Indexes:
```

```
    "clients_pkey" PRIMARY KEY, btree (cid)
```

```
Referenced by:
```

```
TABLE "companies" CONSTRAINT "companies_cid_fkey" FOREIGN KEY (cid) REFERENCES clients(cid)
```

```
TABLE "individuals" CONSTRAINT "individuals_cid_fkey" FOREIGN KEY (cid) REFERENCES clients(cid)
```

```
TABLE "prescriptions" CONSTRAINT "prescriptions_cid_fkey" FOREIGN KEY (cid) REFERENCES clients(cid)
```

```
)
```

```
TABLE "subscriptions" CONSTRAINT "subscriptions_cid_fkey" FOREIGN KEY (cid) REFERENCES clients(cid)
```

```
)
```

```
cs421=> \d drugs
```

Table "cs421g24.drugs"		
Column	Type	Modifiers
duid	integer	not null
dname	character varying(200)	not null
manufacturer	character varying(200)	not null
price	money	not null

```
Indexes:
```

```
    "drugs_pkey" PRIMARY KEY, btree (duid)
```

```
Referenced by:
```

```
    TABLE "covers" CONSTRAINT "covers_duid_fkey" FOREIGN KEY (duid) REFERENCES drugs(duid)
```

```
    TABLE "prescriptioncontents" CONSTRAINT "prescriptioncontents_duid_fkey" FOREIGN KEY (duid) REFERENCES drugs(duid)
```

```
    TABLE "receiptdrugs" CONSTRAINT "receiptdrugs_duid_fkey" FOREIGN KEY (duid) REFERENCES drugs(duid)
```

```
cs421=> \d individuals;
```

```
Table "cs421g24.individuals"
```

Column	Type	Modifiers
cid	integer	not null
fname	character varying(30)	not null
lname	character varying(30)	not null
birthdate	date	not null
gender	gender	

```
Indexes:
```

```
    "individuals_pkey" PRIMARY KEY, btree (cid)
```

```
Check constraints:
```

```
    "individuals_cid_check" CHECK (cid > 0)
```

```
Foreign-key constraints:
```

```
    "individuals_cid_fkey" FOREIGN KEY (cid) REFERENCES clients(cid)
```

```
cs421=> \d insuranceclaims
```

```
Table "cs421g24.insuranceclaims"
```

Column	Type	Modifiers
icid	integer	not null
date	date	not null
rid	integer	not null

```
Indexes:
```

```
    "insuranceclaims_pkey" PRIMARY KEY, btree (icid)
```

```
Foreign-key constraints:
```

```
    "insuranceclaims_rid_fkey" FOREIGN KEY (rid) REFERENCES receipts(rid)
```

```
Referenced by:
```

```
    TABLE "reimbursed" CONSTRAINT "reimbursed_icid_fkey" FOREIGN KEY (icid) REFERENCES insuranceclaims (icid)
```



```
cs421=> \d insuranceplans
```

```
Table "cs421g24.insuranceplans"
```

Column	Type	Modifiers
planid	integer	not null
coverage	text	not null
price	money	not null
pname	character varying(30)	not null

```
Indexes:
```

```
    "insuranceplans_pkey" PRIMARY KEY, btree (planid)
```

```
Referenced by:
```

```
    TABLE "covers" CONSTRAINT "covers_planid_fkey" FOREIGN KEY (planid) REFERENCES insuranceplans(planid)
```

```
    TABLE "subscriptions" CONSTRAINT "subscriptions_planid_fkey" FOREIGN KEY (planid) REFERENCES insuranceplans(planid)
```

```
cs421=> \d prescriptioncontents
Table "cs421g24.prescriptioncontents"
```

Column	Type	Modifiers
pid	integer	not null
duid	integer	not null
quantity	integer	not null
refills	integer	not null

```
Indexes:
```

```
    "prescriptioncontents_pkey" PRIMARY KEY, btree (pid, duid)
```

```
Foreign-key constraints:
```

```
    "prescriptioncontents_duid_fkey" FOREIGN KEY (duid) REFERENCES drugs(duid)
```

```
    "prescriptioncontents_pid_fkey" FOREIGN KEY (pid) REFERENCES prescriptions(pid)
```

```
cs421=> \d prescriptions
```

```
Table "cs421g24.prescriptions"
```

Column	Type	Modifiers
pid	integer	not null
cid	integer	
did	bigint	
startdate	date	not null
enddate	date	not null

```
Indexes:
```

```
    "prescriptions_pkey" PRIMARY KEY, btree (pid)
```

```
Foreign-key constraints:
```

```
    "prescriptions_cid_fkey" FOREIGN KEY (cid) REFERENCES clients(cid)
```

```
    "prescriptions_did_fkey" FOREIGN KEY (did) REFERENCES healthpractitioners(did)
```

```
Referenced by:
```

```
    TABLE "prescriptioncontents" CONSTRAINT "prescriptioncontents_pid_fkey" FOREIGN KEY (pid) REFERENCES prescriptions(pid)
```

```
    TABLE "receipts" CONSTRAINT "receipts_prescriptions_fk" FOREIGN KEY (pid) REFERENCES prescriptions(pid)
```

```

cs421=> \d receipts
      Table "cs421g24.receipts"
      Column | Type | Modifiers
      -----+-----+-----
      rid    | integer | not null
      did    | bigint | not null
      date    | date | not null
      totalprice | money | not null
      pid    | integer | not null
Indexes:
    "receipts_pkey" PRIMARY KEY, btree (rid)
Foreign-key constraints:
    "receipts_pid_fkey" FOREIGN KEY (did) REFERENCES pharmacists(did)
    "receipts_prescriptions_fk" FOREIGN KEY (pid) REFERENCES prescriptions(pid)
Referenced by:
    TABLE "insuranceclaims" CONSTRAINT "insuranceclaims_rid_fkey" FOREIGN KEY (rid) REFERENCES receipts(rid)
    TABLE "receiptdrugs" CONSTRAINT "receiptdrugs_rid_fkey" FOREIGN KEY (rid) REFERENCES receipts(rid)

```



```
cs421=> \d reimbursed
```

```
Table "cs421g24.reimbursed"
```

Column	Type	Modifiers
subid	integer	
icid	integer	not null
amount	money	not null
data	date	not null

```
Indexes:
```

```
    "reimbursed_pkey" PRIMARY KEY, btree (icid)
```

```
Foreign-key constraints:
```

```
    "reimbursed_icid_fkey" FOREIGN KEY (icid) REFERENCES insuranceclaims(icid)
```

```
    "reimbursed_subid_fkey" FOREIGN KEY (subid) REFERENCES subscriptions(subid)
```

cs421=> \d subscriptions;

Table "cs421g24.subscriptions"		
Column	Type	Modifiers
cid	integer	
planid	integer	
startdate	date	not null
enddate	date	not null
subid	integer	not null default nextval('subscriptions_serialized_seq'::regclass)

Indexes:

"subscriptions_pk" PRIMARY KEY, btree (subid)

Foreign-key constraints:

"subscriptions_cid_fkey" FOREIGN KEY (cid) REFERENCES clients(cid)

"subscriptions_planid_fkey" FOREIGN KEY (planid) REFERENCES insuranceplans(planid)

Referenced by:

TABLE "reimbursed" CONSTRAINT "reimbursed_subscriptions_fk" FOREIGN KEY (subid) REFERENCES subscriptions(subid)