



| view_disease_summary | |
|----------------------|---|
| sourcedisease | t |
| disease_count | # |
| diseases_list | t |

| view_sourcedisease_summary | |
|----------------------------|---|
| sourcedisease | t |
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This is a layout.

- Double-click table headers, columns, or foreign keys to edit
- Drag tables to the layout from the structure tree, or add them by pressing the arrow icon near columns
- Create multiple layouts with the same or different tables
- Right-click the layout to create new tables

Main Layout

Table disease

| | | |
|------|---------------------|--------------|
| * Pk | disease_id | integer |
| * | disease_name | varchar(255) |
| | intensity_level_qty | integer |
| | disease_type_cd | char(5) |
| | source_disease_cd | integer |
| | created_at | timestamp |
| | updated_at | timestamp |

Indexes

| | | |
|----|--------------|------------|
| Pk | disease_pkey | disease_id |
|----|--------------|------------|

Foreign Keys

| | |
|--|---|
| | disease_source_disease_cd_fkey (source_disease_cd) ref disease (disease_id) |
| | disease_disease_type_cd_fkey (disease_type_cd) ref disease_type (disease_type_code) |

Constraints

| | | |
|--|-----------------------------------|--|
| | disease_intensity_level_qty_check | ((intensity_level_qty >= 1) AND (intensity_level_qty <= 10)) |
|--|-----------------------------------|--|

Table disease_type

| | | |
|------|----------------------------|--------------|
| * Pk | disease_type_code | char(5) |
| | disease_type_description | varchar(255) |
| | exclusions_other_note_text | varchar(255) |

Indexes

| | | |
|----|-------------------|-------------------|
| Pk | disease_type_pkey | disease_type_code |
|----|-------------------|-------------------|

Table diseased_patient

| | | |
|------|----------------------|---------------|
| * Pk | patient_id | integer |
| * Pk | disease_id | integer |
| | severity_value | integer |
| | start_date | date |
| | end_date | date |
| | hospital_id | integer |
| | treatment_cost | numeric(12,2) |
| | number_of_visits | integer |
| | treatment_compliance | integer |

Indexes

| | | |
|----|-----------------------|------------------------|
| Pk | diseased_patient_pkey | patient_id, disease_id |
|----|-----------------------|------------------------|

Foreign Keys

| | |
|--|--|
| | diseased_patient_disease_id_fkey (disease_id) ref disease (disease_id) |
| | diseased_patient_hospital_id_fkey (hospital_id) ref hospital (hospital_id) |
| | diseased_patient_patient_id_fkey (patient_id) ref patient (patient_id) |

Constraints

| | | |
|--|---|---|
| | diseased_patient_treatment_compliance_check | ((treatment_compliance >= 0) AND (treatment_compliance <= 100)) |
|--|---|---|

Table hospital

| | | |
|------|---------------|--------------|
| * Pk | hospital_id | integer |
| * | hospital_name | varchar(255) |
| | location_id | integer |
| | hospital_type | varchar(50) |
| | capacity | integer |

Table hospital

| | | |
|--|------------|-----------|
| | created_at | timestamp |
| | updated_at | timestamp |

Indexes

| | | |
|----|---------------|-------------|
| Pk | hospital_pkey | hospital_id |
|----|---------------|-------------|

Foreign Keys

hospital_location_id_fkey (location_id) ref location (location_id)

Table indication

| | | |
|------|-----------------------|------------------|
| * Pk | medicine_id | integer |
| * Pk | disease_id | integer |
| | indication_date | date |
| | effectiveness_percent | double precision |

Indexes

| | | |
|----|-----------------|-------------------------|
| Pk | indication_pkey | medicine_id, disease_id |
|----|-----------------|-------------------------|

Foreign Keys

indication_disease_id_fkey (disease_id) ref disease (disease_id)

indication_medicine_id_fkey (medicine_id) ref medicine (medicine_id)

Table location

| | | |
|------|---------------------|--------------|
| * Pk | location_id | integer |
| | city_name | varchar(100) |
| | state_province_name | varchar(100) |
| | country_name | varchar(100) |
| | developing_flag | char(1) |
| | wealth_rank_number | integer |

Indexes

| | | |
|----|---------------|-------------|
| Pk | location_pkey | location_id |
|----|---------------|-------------|

Table medicine

| | | |
|------|--------------------------|---------------|
| * Pk | medicine_id | integer |
| | standard_industry_number | varchar(20) |
| * | name | varchar(255) |
| | company | varchar(255) |
| | active_ingredient_name | varchar(255) |
| | price | numeric(10,2) |
| | created_at | timestamp |
| | updated_at | timestamp |

Indexes

| | | |
|----|---------------|-------------|
| Pk | medicine_pkey | medicine_id |
|----|---------------|-------------|

Table medicineprice_error_log

| | | |
|------|---------------|--------------|
| * Pk | log_id | integer |
| | medicine_id | integer |
| | medicine_name | varchar(255) |
| | error_message | text |
| | occurred_at | timestamp |

Indexes

| | | |
|----|------------------------------|--------|
| Pk | medicineprice_error_log_pkey | log_id |
|----|------------------------------|--------|

Table patient

| | | |
|------|---------------------|--------------|
| * Pk | patient_id | integer |
| | last_name | varchar(100) |
| | first_name | varchar(100) |
| | gender | char(1) |
| | primary_location_id | integer |
| | race_cd | char(3) |
| | created_at | timestamp |
| | updated_at | timestamp |

Indexes

| | | |
|----|--------------|------------|
| Pk | patient_pkey | patient_id |
|----|--------------|------------|

Foreign Keys

| | |
|--|---|
| | patient_primary_location_id_fkey (primary_location_id) ref location (location_id) |
| | patient_race_cd_fkey (race_cd) ref race (race_code) |

Table patienthospital

| | | |
|------|----------------|--------------|
| * Pk | patient_id | integer |
| * Pk | hospital_id | integer |
| * Pk | admission_date | date |
| | discharge_date | date |
| | reason | varchar(255) |

Indexes

| | | |
|----|----------------------|---|
| Pk | patienthospital_pkey | patient_id, hospital_id, admission_date |
|----|----------------------|---|

Foreign Keys

| | |
|--|---|
| | patienthospital_hospital_id_fkey (hospital_id) ref hospital (hospital_id) |
| | patienthospital_patient_id_fkey (patient_id) ref patient (patient_id) |

Table race

| | | |
|------|------------------|--------------|
| * Pk | race_code | char(3) |
| | race_description | varchar(255) |

Indexes

| | | |
|----|-----------|-----------|
| Pk | race_pkey | race_code |
|----|-----------|-----------|

Table race_disease_propensity

| | | |
|------|------------------|---------|
| * Pk | race_code | char(3) |
| * Pk | disease_id | integer |
| | propensity_value | integer |

Indexes

| | | |
|----|------------------------------|-----------------------|
| Pk | race_disease_propensity_pkey | race_code, disease_id |
|----|------------------------------|-----------------------|

Foreign Keys

| | |
|--|---|
| | race_disease_propensity_disease_id_fkey (disease_id) ref disease (disease_id) |
| | race_disease_propensity_race_code_fkey (race_code) ref race (race_code) |

View view_disease_summary

```
CREATE VIEW ${fullName} AS SELECT b.disease_name AS sourcedisease,
    count(a.disease_id) AS disease_count,
    string_agg((a.disease_name)::text, ', '::text) AS diseases_list
FROM (disease a
    JOIN disease b ON ((a.source_disease_cd = b.disease_id)))
GROUP BY b.disease_name
```

[View view_sourcedisease_summary](#)

```
CREATE VIEW ${fullName} AS SELECT b.disease_name AS sourcedisease,  
    count(a.disease_id) AS disease_count,  
    string_agg((a.disease_name)::text, ' '::text) AS diseases_list  
FROM (disease a  
    JOIN disease b ON ((a.source_disease_cd = b.disease_id)))  
GROUP BY b.disease_name  
ORDER BY (count(a.disease_id)) DESC
```