



Milestone 1 Template

Authors

Centro Hospitalar Entre Douro e Vouga - Alberto Guimarães, Magda Neves

Centro Hospitalar do Baixo Vouga - Rafael Almeida, Marina Henriques

Centro Hospitalar Vila Nova de Gaia/Espinho - Alexandra Cabral, Marco Lima

Clinical Academic Center Egas Moniz Health Alliance - Artur Silva, Firmino Machado

MTG - Tiago Taveira Gomes (on behalf of the MTG team)

13/03/2023

Version 0.1



This project has received funding from the Innovative Medicines Initiative 2 Joint Undertaking (JU) under grant agreement No 806968.

The JU receives support from the European Union's Horizon 2020 research and innovation programme and EFPIA.



Document History

Version Number	Date	Changes
0.1	01-03-2023	Initial version

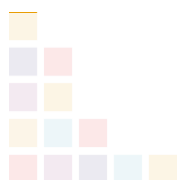
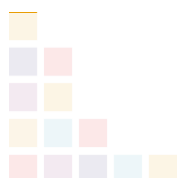




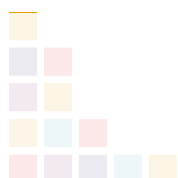
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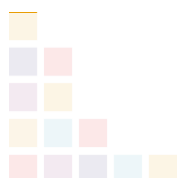


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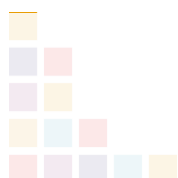


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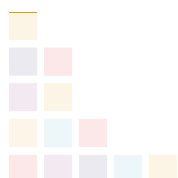




Introduction

This document describes how the EMHA (i.e., the institutions Centro Hospitalar do Baixo Vouga, Centro Hospitalar do Baixo Mondego, Centro Hospitalar Vila Nova de Gaia/Espinho) data sources are converted to the OMOP Common Data Model (CDM) version 5.4. This is a collaborative effort by the European Health Data and Evidence Network (EHDEN) project and EMHA. It describes the definition of the ETL that will be used in the implementation.

The document was prepared through team meetings with data experts, healthcare professionals, and IT personnel from EMHA and MTG (the hired SME). This document may be revised throughout the implementation of the project.



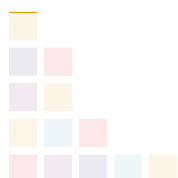


1 Technical Infrastructure

EMHA is kept physically in each hospital's datacenters, which are located within each hospital's own premises. Virtual Machines (Ubuntu 2020 LTS) were set up on each premises in order to install the EHDEN ecosystem tools. The VM has all the tools installed and will be able to connect to the database where the data is stored in order to develop, run and update the ETL and operate the standard EHDEN and OHDSI tools.

A scan report and high level source data diagrams were generated by EMHA using SQL tools available within each hospital. During a few virtual meetings the overall structure of the data was presented to MTG and was translated from Portuguese to English. We decided to implement the data transforms in Python SQLAlchemy. Then these python programs will be compiled into the target SQL and generate the actual queries that will be used by the ETL.

In addition, dynamic mappings for the ETL were developed so that the SQL scripts may be adapted through configuration only, minimizing the need of ETL updates.





2 Data Mapping

Overview

The mapping was carried out straight from database schemas generated by the EMHA team and so there was no need to use Rabbit-in-a-hat, and as such, no diagrams are presented in this document. This decision was because the parties involved were experts in the source data schemas and so manual specification during meetings in the document was faster to accommodate than using the tools. Furthermore most of the document was reverse engineered from SQL queries over the source data to validate the data source, and as such this design document represents a consistent and validated representation of the Decisions regarding specific value mappings will be updated in future versions of this document during the implementation phase.

Overall ETL Structure

This is an ETL that is derived directly from database tables from EHR systems and related softwares. We considered taking an approach where tables are mapped directly from the raw source representations (either raw tables or flattened views over proprietary schemas). The important aspect of this is that no relevant logic for the ETL will be implemented outside the transforms indicated here.

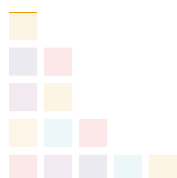
General Cleaning Rules

The source data resides completely in normalized database schemas, and as such, no prior data cleaning is needed. Data will be directly consumed as is and mapped accordingly.

Vocabulary Mapping Structure

We will employ an observable-by-default approach to the mapping. This implies that the actual mappings, even those that may be automatically implemented in the ETL will be hoisted into the SOURCE_TO_CONCEPT table. This table will be auto generated from a set of standardizer Excel Sheets that we will develop specifically to control the mapping.

These documents will not only determine the source mappings, but will also determine the target tables a given concept will go into according to the domain selected. The mapping sheets will be initially auto populated from full text queries against the CONCEPT and

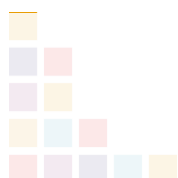




CONCEPT_SYNONYM tables, subject to all relevant DOMAIN and VOCABULARY constraints.

All mappings that are performed via CONCEPT_CODE will not be actively reviewed. All mappings derived from CONCEPT_DESCRIPTION or text based search in synonyms will be subject to manual revision during a second step.

This way there will be complete control of all aspects of vocabulary and structure that are directly dependent on concepts without the need to change implementation of the ETL.





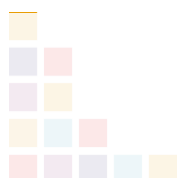
Person

sonho v2.ide_identificacao

Destination Field	Source Field	Logic
person_id	num_sequencial	Direct mapping
gender_concept_id	sexo	STC mapping
year_of_birth	dta_nascimento	Extract year
month_of_birth	dta_nascimento	Extract month
day_of_birth	dta_nascimento	Extract day
birth_datetime	dta_nascimento	Direct mapping
race_concept_id	0	Direct mapping
ethnicity_concept_id	0	Direct mapping
location_id	NULL	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	NULL	Direct mapping
person_source_value	num_sequencial	Direct mapping
gender_source_value	sexo	Direct mapping
gender_source_concept_id	0	Direct mapping
race_source_value	NULL	Direct mapping
race_source_concept_id	0	Direct mapping
ethnicity_source_value	NULL	Direct mapping
ethnicity_source_concept_id	0	Direct mapping

Stub Query

```
SELECT
    num_sequencial,
    sexo,
    dta_nascimento,
FROM
    ide_identificacao
```





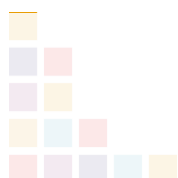
Death

sonho v2.ide controle

Destination Field	Source Field	Logic
person_id	num_sequential	Direct mapping
death_date	dta_obito	Direct mapping
death_datetime	dta_obito	Direct mapping
death_type_concept_id	32817	Direct mapping
cause_concept_id	0	Direct mapping
cause_source_value	NULL	Direct mapping
cause_source_concept_id	0	Direct mapping

Stub Query

```
SELECT
    num_sequential,
    dta_obito
FROM
    ide_controle
```





Visit Occurrence

sonho v2.urg_admissoes

Destination Field	Source Field	Logic
visit_occurrence_id	visit_occurrence_id	Direct mapping
person_id	num_sequencial	Direct mapping
visit_concept_id	cod_modulo	STC mapping
visit_start_date	visit_start_date	Direct mapping
visit_start_datetime	visit_start_datetime	Direct mapping
visit_end_date	visit_end_date	Direct mapping
visit_end_datetime	visit_end_datetime	Direct mapping
visit_type_concept_id	32817	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	novo_codigo	Direct mapping
visit_source_value	cod_modulo	Direct mapping
visit_source_concept_id	0	Direct mapping
admitted_from_concept_id	cod_proveniencia	STC mapping
admitted_from_source_value	cod_proveniencia	Direct mapping
discharged_to_concept_id	cod_destino	STC mapping
discharged_to_source_value	cod_destino	Direct mapping
preceding_visit_occurrence_id	NULL	Direct mapping

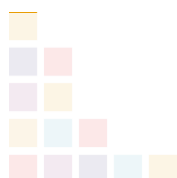
Stub Query

SELECT

```
100000000 + u.urg_episodio visit_occurrence_id,  
u.num_sequencial,  
u.dta_admissao visit_start_date,  
u.dta_admissao + u.hora_admissao / 24 / 3600 visit_start_datetime,  
a.dta_alta visit_end_date,  
a.dta_alta + a.hora_alta / 24 / 3600 visit_end_datetime,  
'URG' cod_modulo,  
sne.novo_codigo,  
u.cod_proveniencia,  
u.cod_destino
```

FROM

```
urg_admissoes u  
INNER JOIN urg_altas a ON a.urg_episodio = u.urg_episodio  
LEFT JOIN sgd.sys_novas_especialidades sne ON  
a.cod_unidade_espec = sne.codigo_velho
```





[sonho v2.con registadas](#)

Destination Field	Source Field	Logic
visit_occurrence_id	visit_occurrence_id	Direct mapping
person_id	num_sequencial	Direct mapping
visit_concept_id	cod_modulo	STC mapping
visit_start_date	dta_realizacao	Direct mapping
visit_start_datetime	visit_start_datetime	Direct mapping
visit_end_date	NULL	Direct mapping
visit_end_datetime	NULL	Direct mapping
visit_type_concept_id	32817	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	novo_codigo	Direct mapping
visit_source_value	cod_modulo	Direct mapping
visit_source_concept_id	0	Direct mapping
admitted_from_concept_id	cod_proveniencia	STC mapping
admitted_from_source_value	cod_proveniencia	Direct mapping
discharged_to_concept_id	cod_destino	STC mapping
discharged_to_source_value	cod_destino	Direct mapping
preceding_visit_occurrence_id	NULL	Direct mapping

Stub Query

SELECT

```
200000000 + r.con_episodio visit_occurrence_id,  
r.num_sequencial,  
r.dta_realizacao,  
r.dta_realizacao + r.hora_realizacao / 24 / 3600 visit_start_datetime,  
'CON' cod_modulo,  
c.cod_especialidade,  
r.cod_proveniencia,  
cra.cod_destino,  
sne.novo_codigo
```

FROM

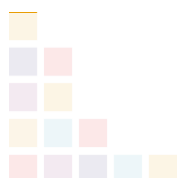
```
con_registadas r  
INNER JOIN con_med_esp c ON c.cod_med_esp = r.cod_med_esp  
LEFT JOIN con_registadas_altas cra ON cra.con_episodio=r.con_episodio  
LEFT JOIN sgd.sys_novas_especialidades sne ON c.cod_especialidade =  
sne.codigo_velho
```

WHERE

```
r.tip_agenda != 'E'
```



```
UNION ALL
SELECT
    200000000 + r.con_episodio visit_occurrence_id,
    r.num_sequencial person_id,
    r.dta_realizacao visit_start_date,
    r.dta_realizacao + r.hora_realizacao / 24 / 3600 visit_start_datetime,
    'CON' cod_modulo,
    r.cod_med_esp cod_especialidade,
    r.cod_proveniencia,
    cra.cod_destino,
    sne.novo_codigo
FROM
    con_registadas r
    LEFT JOIN con_registadas_altas cra ON cra.con_episodio=r.con_episodio
    LEFT JOIN sgd.sys_novas_especialidades sne ON r.cod_especialidade =
sne.codigo_velho
WHERE
    r.tip_agenda = 'E'
```





sonho v1.con reg urgentes

Destination Field	Source Field	Logic
visit_occurrence_id	visit_occurrence_id	Direct mapping
person_id	num_sequencial	Direct mapping
visit_concept_id	cod_modulo	STC mapping
visit_start_date	dta_realizacao	Direct mapping
visit_start_datetime	dta_realizacao	Direct mapping
visit_end_date	NULL	Direct mapping
visit_end_datetime	NULL	Direct mapping
visit_type_concept_id	32817	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	novo_codigo	Direct mapping
visit_source_value	cod_modulo	Direct mapping
visit_source_concept_id	0	Direct mapping
admitted_from_concept_id	cod_proveniencia	STC mapping
admitted_from_source_value	cod_proveniencia	Direct mapping
discharged_to_concept_id	NULL	Direct mapping
discharged_to_source_value	NULL	Direct mapping
preceding_visit_occurrence_id	NULL	Direct mapping

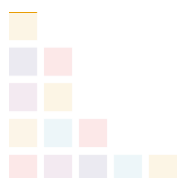
Stub Query

SELECT

```
200000000 + r.con_episodio visit_occurrence_id,  
r.num_sequencial,  
'CON' cod_modulo,  
r.dta_realizacao visit_start_date,  
r.dta_realizacao + r.hora_realizacao / 24 / 3600,  
r.cod_especialidade,  
r.cod_proveniencia,  
sne.novo_codigo
```

FROM

```
con_reg_urgentes r  
LEFT JOIN sgd.sys_novas_especialidades sne ON r.cod_especialidade =  
sne.codigo_velho
```





sonho v2.int_admissoes

Destination Field	Source Field	Logic
visit_occurrence_id	visit_occurrence_id	Direct mapping
person_id	num_sequencial	Direct mapping
visit_concept_id	cod_modulo	STC mapping
visit_start_date	dta_entrada	Direct mapping
visit_start_datetime	visit_start_datetime	Direct mapping
visit_end_date	dta_alta_admin	Direct mapping
visit_end_datetime	visit_end_datetime	Direct mapping
visit_type_concept_id	32817	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	novo_codigo	Direct mapping
visit_source_value	cod_modulo	Direct mapping
visit_source_concept_id	0	Direct mapping
admitted_from_concept_id	cod_proveniencia	STC mapping
admitted_from_source_value	cod_proveniencia	Direct mapping
discharged_to_concept_id	cod_destino	STC mapping
discharged_to_source_value	cod_destino	Direct mapping
preceding_visit_occurrence_id	NULL	Direct mapping

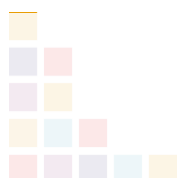
Stub Query

SELECT

```
300000000 + t.int_episodio visit_occurrence_id,  
t.num_sequencial person_id,  
t.dta_internamento,  
t.dta_internamento + t.hora_internamento / 24 / 3600 visit_start_datetime,  
a.dta_alta_admin,  
a.dta_alta_admin + a.hora_alta_admin / 24 / 3600 visit_end_datetime,  
'INT' cod_modulo,  
t.cod_proveniencia,  
a.cod_destino,  
sne.novo_codigo
```

FROM

```
int_admissoes t  
INNER JOIN int_altas_hospital a ON t.int_episodio = a.int_episodio  
INNER JOIN int_transferencias it ON t.int_episodio = it.int_episodio AND  
it.rowid_proximo IS NULL  
LEFT JOIN sgd.sys_novas_especialidades sne ON it.cod_especialidade_prev =  
sne.codigo_velho
```





sonho v2.hdi_sessoes

Destination Field	Source Field	Logic
visit_occurrence_id	visit_occurrence_id	Direct mapping
person_id	num_sequencial	Direct mapping
visit_concept_id	cod_modulo	STC mapping
visit_start_date	visit_start_date	Direct mapping
visit_start_datetime	visit_start_datetime	Direct mapping
visit_end_date	visit_start_date	Direct mapping
visit_end_datetime	visit_start_datetime	Direct mapping
visit_type_concept_id	32817	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	novo_codigo	Direct mapping
visit_source_value	cod_modulo	Direct mapping
visit_source_concept_id	0	Direct mapping
preceding_visit_occurrence_id	NULL	Direct mapping

Stub Query

SELECT

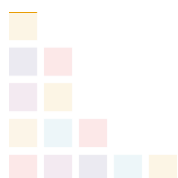
```
400000000 + hs.num_sessao visit_occurrence_id,
hs.num_sequencial person_id,
hs.dta_sessao visit_start_date,
hs.dta_sessao + hs.hora_sessao / 24 / 3600 visit_start_datetime,
'HDI' cod_modulo,
sne.novo_codigo,
hs.cod_especialidade,
hadm.cod_proveniencia,
ha.cod_destino
```

FROM

```
hdi_sessoes hs
INNER JOIN hdi_admissoes hadm ON hs.hdi_episodio=hadm.hdi_episodio
LEFT JOIN hdi_altas ha ON ha.hdi_episodio=hs.hdi_episodio
LEFT JOIN sgd.sys_novas_especialidades sne ON hs.cod_especialidade =
sne.codigo_velho
```

sonho v2.ide_rad_episodios

Destination Field	Source Field	Logic
visit_occurrence_id	visit_occurrence_id	Direct mapping





Destination Field	Source Field	Logic
person_id	num_sequencial	Direct mapping
visit_concept_id	cod_modulo	STC mapping
visit_start_date	dta_episodio	Direct mapping
visit_start_datetime	dta_episodio	Direct mapping
visit_end_date	dta_episodio	Direct mapping
visit_end_datetime	dta_episodio	Direct mapping
visit_type_concept_id	32817	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	novo_codigo	Direct mapping
visit_source_value	cod_modulo	Direct mapping
visit_source_concept_id	0	Direct mapping
preceding_visit_occurrence_id	NULL	Direct mapping

Stub Query

SELECT

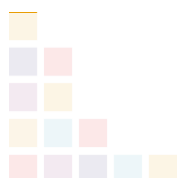
```
500000000 + r.num_episodio visit_occurrence_id,  
r.num_sequencial person_id,  
r.dta_episodio visit_start_date,  
'RAD' cod_modulo,  
sne.novo_codigo,  
r.cod_proveniencia
```

FROM

```
ide_rad_episodios r  
LEFT JOIN sgd.sys_novas_especialidades sne ON r.cod_especialidade =  
sne.codigo_velho
```

WHERE

```
r.cod_modulo = 'RAD'
```





sonho v2.ide lab episodios

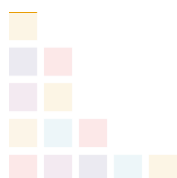
Destination Field	Source Field	Logic
visit_occurrence_id	visit_occurrence_id	Direct mapping
person_id	num_sequencial	Direct mapping
visit_concept_id	cod_modulo	STC mapping
visit_start_date	visit_start_date	Direct mapping
visit_start_datetime	visit_start_date	Direct mapping
visit_end_date	visit_start_date	Direct mapping
visit_end_datetime	visit_start_date	Direct mapping
visit_type_concept_id	32817	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	novo_codigo	Direct mapping
visit_source_value	cod_modulo	Direct mapping
visit_source_concept_id	0	Direct mapping
preceding_visit_occurrence_id	NULL	Direct mapping

Stub Query

```

SELECT
    600000000 + r.num_episodio visit_occurrence_id,
    r.num_sequencial person_id,
    r.dta_episodio visit_start_date,
    'LAB' cod_modulo,
    sne.novo_codigo,
    r.cod_proveniencia
FROM
    ide_lab_episodios r
    LEFT JOIN sgd.sys_novas_especialidades sne ON r.cod_especialidade =
sne.codigo_velho
WHERE
    r.cod_modulo = 'LAB'

```





sonho v2.blo registo

Destination Field	Source Field	Logic
visit_occurrence_id	visit_occurrence_id	Direct mapping
person_id	num_sequencial	Direct mapping
visit_concept_id	cod_modulo	STC mapping
visit_start_date	visit_start_date	Direct mapping
visit_start_datetime	visit_start_date	Direct mapping
visit_end_date	NULL	Direct mapping
visit_end_datetime	NULL	Direct mapping
visit_type_concept_id	32817	Direct mapping
provider_id	NULL	Direct mapping
care_site_id	novo_codigo	Direct mapping
visit_source_value	cod_modulo	Direct mapping
visit_source_concept_id	0	Direct mapping
preceding_visit_occurrence_id	NULL	Direct mapping

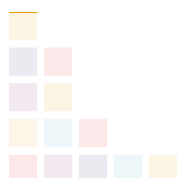
Stub Query

SELECT

```
700000000 + r.blo_num_reg visit_occurrence_id,  
r.num_sequencial num_sequencial,  
r.dta_intervencao visit_start_date,  
'BLO' cod_modulo,  
sne.novo_codigo,  
r.cod_espec_req
```

FROM

```
blo_registo  
LEFT JOIN sgd.sys_novas_especialidades sne ON r.cod_especialidade =  
sne.codigo_velho
```





Condition Occurrence

sonho v2.sys diagnosticos doente

Destination Field	Source Field	Logic
condition_occurrence_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
condition_concept_id	cod_diagnostico, cod_verdiag	Concatenate, STC mapping
condition_start_date	dta_registro	Direct mapping
condition_start_datetime	dta_registro	Direct mapping
condition_end_date	NULL	Direct mapping
condition_end_datetime	NULL	Direct mapping
condition_type_concept_id	32817	Direct mapping
condition_status_concept_id	0	Direct mapping
stop_reason	NULL	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
condition_source_value	cod_diagnostico, cod_verdiag	Direct mapping
condition_source_concept_id	0	Direct mapping
condition_status_source_value	NULL	Direct mapping

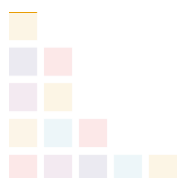
Stub Query

SELECT

```
num_sequencial person_id,  
cod_diagnostico,  
dta_registro condition_start_date,  
decode (mr.cod_modulo,  
        'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9  
        ) * 100000000 + mr.num_episodio visit_occurrence_id,  
cod_verdiag
```

FROM

```
sys_diagnosticos_doente
```





[metrix.mx diagnosticos doente](#)

Destination Field	Source Field	Logic
condition_occurrence_id	serial	Direct mapping
person_id	num_sequential	Direct mapping
condition_concept_id	cod_diagnostico, cod_verdiag	Concatenate, STC mapping
condition_start_date	dta_diag	Direct mapping
condition_start_datetime	dta_diag	Direct mapping
condition_end_date	NULL	Direct mapping
condition_end_datetime	NULL	Direct mapping
condition_type_concept_id	32817	Direct mapping
condition_status_concept_id	0	Direct mapping
stop_reason	NULL	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
condition_source_value	cod_diagnostico, icd	Direct mapping
condition_source_concept_id	0	Direct mapping
condition_status_source_value	NULL	Direct mapping

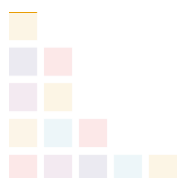
Stub Query

SELECT

```
num_sequential person_id,  
cod_diagnostico,  
dta_diag condition_start_date,  
decode(mx.cod_modulo,  
    'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9  
) * 100000000 + mx.num_episodio visit_occurrence_id,  
icd
```

FROM

```
mx_diagnosticos_doente mx
```





Drug Exposure

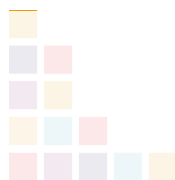
sonho v2.med items receita

Destination Field	Source Field	Logic
drug_exposure_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
drug_concept_id	medicamento	STC mapping
drug_exposure_start_date	dta_prescricao	Direct mapping
drug_exposure_start_datetime	dta_prescricao	Direct mapping
drug_exposure_end_date	NULL	Direct mapping
drug_exposure_end_datetime	NULL	Direct mapping
verbatim_end_date	NULL	Direct mapping
drug_type_concept_id	32817	Direct mapping
stop_reason	NULL	Direct mapping
refills	num_copias	Direct mapping
quantity	qt	Direct mapping
days_supply	NULL	Direct mapping
sig	posologia	Direct mapping
route_concept_id	medicamento	STC mapping
lot_number	NULL	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
drug_source_value	medicamento	Direct mapping
drug_source_concept_id	0	Direct mapping
route_source_value	NULL	Direct mapping
dose_unit_source_value	NULL	Direct mapping

Stub Query

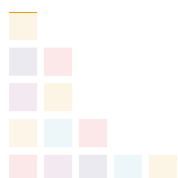
SELECT

```
mr.cod_receita drug_exposure_id,  
mr.num_sequencial person_id,  
mr.dta_prescricao,  
mr.dta_receita,  
decode(mr.cod_modulo,  
    'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9  
    ) * 100000000 + mr.num_episodio visit_occurrence_id,
```





```
mir.medicamento,  
mir.outro_medicamento,  
mir.qt,  
mr.renovavel,  
mr.num_copias,  
mir.posologia  
FROM  
med_receitas mr  
INNER JOIN med_items_receita mir ON mr.cod_receita = mir.cod_receita
```





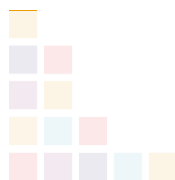
[sgicmf.ph_prescricoes](#)

Destination Field	Source Field	Logic
drug_exposure_id	serial	Direct mapping
person_id	doente	Direct mapping
drug_concept_id	medicamento, dose	STC mapping
drug_exposure_start_date	data_presc	Direct mapping
drug_exposure_start_datetime	data_presc	Direct mapping
drug_exposure_end_date	NULL	Direct mapping
drug_exposure_end_datetime	NULL	Direct mapping
verbatim_end_date	NULL	Direct mapping
drug_type_concept_id	32817	Direct mapping
stop_reason	NULL	Direct mapping
refills	NULL	Direct mapping
quantity	1	Direct mapping
days_supply	NULL	Direct mapping
sig	NULL	Direct mapping
route_concept_id	via_adm	STC mapping
lot_number	NULL	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
drug_source_value	medicamento	Direct mapping
drug_source_concept_id	0	Direct mapping
route_source_value	via_adm	Direct mapping
dose_unit_source_value	dose	Direct mapping

Stub Query

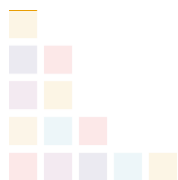
SELECT

```
pmp.prescricao,  
pmp.medicamento,  
pmp.nome_med,  
pmp.tipo_md,  
pmp.dose,  
pmp.unid_med,  
pmp.via_adm,  
pmp.freq_pres,  
pp.data_presc,
```





```
pp.dt_cancelamento,  
pp.doente,  
decode(pp.t_episodio, 'URG', 1, 'Consultas', 2, 'Internamentos', 3, 'Hosp-Dia', 4,  
'Reg-Oper', 7, null) * 100000000 + pp.episodio visit_occurrence_id,  
pp.t_episodio,  
pp.episodio  
FROM  
plh.ph_med_pres pmp  
INNER JOIN plh.ph_prescicoes pp ON pmp.prescricao = pp.prescricao  
WHERE  
pp.flag_cancelada is null
```





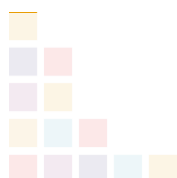
ghaf_prescricoes

Destination Field	Source Field	Logic
drug_exposure_id	serial	Direct mapping
person_id	doente	Direct mapping
drug_concept_id	medicamento, unid_med	STC mapping
drug_exposure_start_date	data_presc	Direct mapping
drug_exposure_start_datetime	data_presc	Direct mapping
drug_exposure_end_date	NULL	Direct mapping
drug_exposure_end_datetime	NULL	Direct mapping
verbatim_end_date	NULL	Direct mapping
drug_type_concept_id	32817	Direct mapping
stop_reason	NULL	Direct mapping
refills	NULL	Direct mapping
quantity	dose	Direct mapping
days_supply	NULL	Direct mapping
sig	NULL	Direct mapping
route_concept_id	via_adm	STC mapping
lot_number	NULL	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
drug_source_value	medicamento	Direct mapping
drug_source_concept_id	0	Direct mapping
route_source_value	via_adm	Direct mapping
dose_unit_source_value	unid_med	Direct mapping

Stub Query

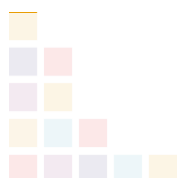
SELECT

```
presc.prescricao,  
presc.medicamento,  
presc.nome_med,  
presc.tipo_md,  
presc.dose,  
presc.unid_med,  
presc.via_adm,  
presc.freq_pres,
```





```
presc.data_presc,  
presc.dt_cancelamento,  
presc.doente,  
decode(pp.t_episodio, 'URG', 1, 'Consultas', 2, 'Internamentos', 3, 'Hosp-Dia', 4,  
'Reg-Oper', 7, null  
) * 100000000 + presc.episodio visit_occurrence_id,  
presc.t_episodio,  
presc.episodio  
FROM  
ghaf_prescricoes presc
```





Device Exposure

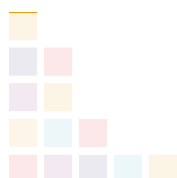
[ghaf device exposure](#)

A VIEW exposing the source data was prepared by the third-party EHR vendor for this purpose.

Destination Field	Source Field	Logic
person_id	utente_id	Direct mapping
device_exposure_id	serial	Direct mapping
device_concept_id	valor	STC mapping
device_exposure_start_date	data_inicio	Direct mapping
device_exposure_start_datetime	data_inicio, hora_inicio	Direct mapping
device_exposure_end_date	data_fim	Direct mapping
device_exposure_end_datetime	data_fim, hora_fim	Direct mapping
device_type_concept_id	32817	Direct mapping
unique_device_id	id_device	Direct mapping
production_id	NULL	Direct mapping
quantity	qnt	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	episodio	Direct mapping
visit_detail_id	NULL	Direct mapping
device_source_value	valor	Direct mapping
device_source_concept_id	0	Direct mapping
unit_concept_id	cod_unidade	STC mapping
unit_source_value	cod_unidade	Direct mapping
unit_source_concept_id	0	Direct mapping

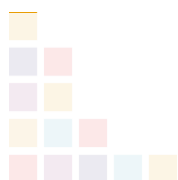
Stub Query

```
select
  utente_id person_id,
  dev_id device_exposure_id,
  data_inicio device_exposure_start_date,
  hora_inicio device_exposure_start_datetime,
  data_fim device_exposure_end_date,
  hora_fim device_exposure_end_datetime,
  id_device unique_device_id,
```





```
qnt quantity,  
fornecedor_id provider_id,  
episodio visit_occurrence_id,  
sessao visit_detail_id,  
valor device_source_value,  
cod_unidade unit_concept_id,  
unidade unit_source_value  
from  
ghaf_device_exposure
```





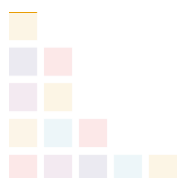
Procedure Occurrence

sonho v2.ide_proc_doente

Destination Field	Source Field	Logic
procedure_occurrence_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
procedure_concept_id	cod_acto_medico	STC mapping
procedure_date	dta_acto_medico	Direct mapping
procedure_datetime	dta_acto_medico	Direct mapping
procedure_end_date	NULL	Direct mapping
procedure_end_datetime	NULL	Direct mapping
procedure_type_concept_id	32817	Direct mapping
modifier_concept_id	0	Direct mapping
quantity	1	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
procedure_source_value	cod_acto_medico	Direct mapping
procedure_source_concept_id	0	Direct mapping
modifier_source_value	NULL	Direct mapping

Stub Query

```
SELECT
  num_sequencial,
  cod_acto_medico,
  dta_acto_medico,
  decode(cod_modulo, 'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6,
  'BLO', 7, 9) * 100000000 + num_episodio visit_occurrence_id
FROM
  ide_proc_doente
WHERE
  tip_acto_medico in ('PR', 'PG', 'PA')
```



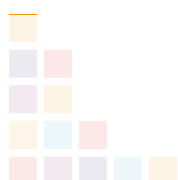


sonho v2.ide rad doente

Destination Field	Source Field	Logic
procedure_occurrence_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
procedure_concept_id	cod_acto_medico	STC mapping
procedure_date	dta_acto_medico	Direct mapping
procedure_datetime	dta_acto_medico	Direct mapping
procedure_end_date	NULL	Direct mapping
procedure_end_datetime	NULL	Direct mapping
procedure_type_concept_id	32817	Direct mapping
modifier_concept_id	0	Direct mapping
quantity	1	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
procedure_source_value	cod_acto_medico	Direct mapping
procedure_source_concept_id	0	Direct mapping
modifier_source_value	NULL	Direct mapping

Stub Query

```
select
  num_sequencial,
  cod_acto_medico,
  dta_acto_medico,
  decode( cod_modulo, 'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6,
'BLO', 7, 9) * 100000000 + num_episodio visit_occurrence_id
from
  ide_rad_doente
where
  tip_acto_medico in ('MR', 'ME', 'MF')
```





sonho v2.blo registo

Destination Field	Source Field	Logic
procedure_occurrence_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
procedure_concept_id	cod_interv_cirurgica	STC mapping
procedure_date	dta_intervencao, hora_inicio	Direct mapping
procedure_datetime	dta_intervencao, hora_inicio	Direct mapping
procedure_end_date	dta_intervencao, hora_fim	Direct mapping
procedure_end_datetime	dta_intervencao, hora_fim	Direct mapping
procedure_type_concept_id	32817	Direct mapping
modifier_concept_id	0	Direct mapping
quantity	1	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
procedure_source_value	cod_interv_cirurgica	Direct mapping
procedure_source_concept_id	0	Direct mapping
modifier_source_value	NULL	Direct mapping

Stub Query

SELECT

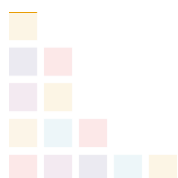
```
br.num_sequencial,  
cod_interv_cirurgica intervencao,  
br.dta_intervencao,  
to_char(to_date(hora_inicio, 'sssss'), 'HH24:MI') hora_inicio,  
to_char(to_date(hora_fim, 'sssss'), 'HH24:MI') hora_fim,  
7 * 100000000 + br.blo_num_reg visit_occurrence_id
```

FROM

```
blo_registo br,  
blo_reg_acir bra,  
blo_reg_horas brh
```

WHERE

```
br.blo_num_reg = bra.blo_num_reg(+)  
AND bra.cod_p_s = 'S'  
AND br.blo_num_reg = brh.blo_num_reg(+)  
AND brh.cod_tipo_hora = 5
```





ghaf_procedimentos_resultados

A VIEW exposing the source data was prepared by the third-party EHR vendor for this purpose.

Destination Field	Source Field	Logic
procedure_occurrence_id	serial	Direct mapping
person_id	utente_id	Direct mapping
procedure_concept_id	cod_procedimento	STC mapping
procedure_date	p_data	Direct mapping
procedure_datetime	f_data_hora	Direct mapping
procedure_end_date	data_fim	Direct mapping
procedure_end_datetime	data_fim, hora_fim	Direct mapping
procedure_type_concept_id	32817	Direct mapping
modifier_concept_id	valor	STC mapping
quantity	qnt	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	episodio	Direct mapping
visit_detail_id	NULL	Direct mapping
procedure_source_value	cod_procedimento	Direct mapping
procedure_source_concept_id	0	Direct mapping
modifier_source_value	valor	Direct mapping

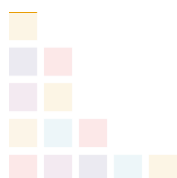
Stub Query

`select`

```
po_id procedure_occurrence_id,  
utente_id person_id,  
p_data procedure_date,  
f_data_hora procedure_datetime,  
data_fim procedure_end_date,  
hora_fim procedure_end_datetime,  
qnt quantity,  
origem provider_id,  
episodio visit_occurrence_id,  
sessao visit_detail_id,  
cod_procedimento procedure_source_value,  
valor modifier_source_value
```

`from`

```
ghaf_procedimentos_resultados
```





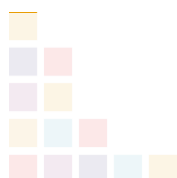
Measurement

[enfin.vigilancia](#)

Destination Field	Source Field	Logic
measurement_id	serial	Direct mapping
person_id	num_sequential	Direct mapping
measurement_concept_id	parametro	STC mapping
measurement_date	data	Direct mapping
measurement_datetime	data, hora	Direct mapping
measurement_time	hora	Direct mapping
measurement_type_concept_id	32817	Direct mapping
operator_concept_id	4172703	Direct mapping
value_as_number	valor	Direct mapping
value_as_string	valor	Direct mapping
value_as_concept_id	valor	STC mapping
unit_concept_id	parametro	STC mapping
range_low	NULL	Direct mapping
range_high	NULL	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	int_episodio	Direct mapping
visit_detail_id	NULL	Direct mapping
measurement_source_value	valor	Direct mapping
measurement_source_concept_id	0	Direct mapping
unit_source_value	parametro	Direct mapping
unit_source_concept_id	0	Direct mapping
value_source_value	valor	Direct mapping
measurement_event_id	NULL	Direct mapping
meas_event_field_concept_id	0	Direct mapping

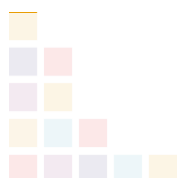
Stub Query

```
select
  decode(vigilancia.cod_modulo, 'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5,
  'LAB', 6, 'BLO', 7, 9
  ) * 100000000 + vigilancia.int_episodio visit_occurrence_id,
  vigilancia.num_sequential,
  SGD.GET_PROCESO_BY_SEQUENCIAL(vigilancia.num_sequential) Num_Processo,
  vigilancia.intervencaoid,
```





```
sysintervencoes.intervencao,  
vigilancia.enfermeiroid,  
vigilancia.data,  
to_char(to_date(vigilancia.hora, 'sssss'), 'hh24:mi') hora,  
vigilancia.parametro,  
vigilancia.valor,  
vigilancia.sysintervencaoid,  
vigilancia.cod_modulo  
from  
enfin.vigilancia,  
enfin.sysintervencoes  
where  
vigilancia.sysintervencaoid = sysintervencoes.intervencaoid(+)
```

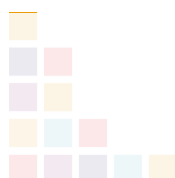




[confidencia.appolo ehma results](#)

A VIEW exposing the source data was prepared by the third-party EHR vendor for this purpose.

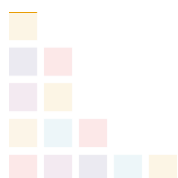
Destination Field	Source Field	Logic
measurement_id	serial	Direct mapping
person_id	processo_hospitalar	Direct mapping
measurement_concept_id	codigo_analise, metodo_analitico, parametro_analitico, loinc_parametro	STC mapping
measurement_date	data_episodio	Direct mapping
measurement_datetime	data_episodio	Direct mapping
measurement_time	data_episodio	Direct mapping
measurement_type_concept_id	32817	Direct mapping
operator_concept_id	0	Direct mapping
value_as_number	resultado_parametro_analitico	Direct mapping
value_as_string	resultado_parametro_analitico	Direct mapping
value_as_concept_id	resultado_parametro_analitico	STC mapping
unit_concept_id	unidade_resultado	STC mapping
range_low	valor_referencia_resultado	Direct mapping
range_high	valor_referencia_resultado	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	episodio_laboratorio	Direct mapping
visit_detail_id	NULL	Direct mapping
measurement_source_value	resultado_parametro_analitico	Direct mapping
measurement_source_concept_id	0	Direct mapping
unit_source_value	unidade_resultado	Direct mapping
unit_source_concept_id	0	Direct mapping
value_source_value	codigo_analise, metodo_analitico, parametro_analitico, loinc_parametro	Direct mapping
measurement_event_id	NULL	Direct mapping
meas_event_field_concept_id	0	Direct mapping





Stub Query

```
select
  episodio_laboratorio,
  processo_hospitalar,
  numero_amostra,
  data_episodio,
  utilizador_validou,
  codigo_analise,
  analise,
  estado_analise,
  codigo_grupo_cientifico,
  grupo_cientifico,
  codigo_subgrupo_cientifico,
  subgrupo_cientifico,
  cod_metodo_analitico,
  metodo_analitico,
  loinc_parametro,
  cod_parametro_analitico,
  parametro_analitico,
  tipo_parametro_analitico,
  resultado_parametro_analitico,
  unidade_resultado,
  valor_referencia_resultado,
  resultado_preliminar
from
  appolo_ehma_results
```



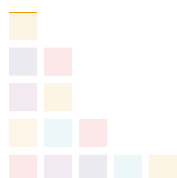


[sislab.sl_requis](#)

Destination Field	Source Field	Logic
measurement_id	serial	Direct mapping
person_id	utente	Direct mapping
measurement_concept_id	cod_ana_s	STC mapping
measurement_date	data_hr_resultado	Direct mapping
measurement_datetime	data_hr_resultado	Direct mapping
measurement_time	data_hr_resultado	Direct mapping
measurement_type_concept_id	32817	Direct mapping
operator_concept_id	4172703	Direct mapping
value_as_number	result	Direct mapping
value_as_string	result	Direct mapping
value_as_concept_id	result	STC mapping
unit_concept_id	unid_1	STC mapping
range_low	NULL	Direct mapping
range_high	NULL	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
measurement_source_value	result	Direct mapping
measurement_source_concept_id	0	Direct mapping
unit_source_value	unid_1	Direct mapping
unit_source_concept_id	0	Direct mapping
value_source_value	result	Direct mapping
measurement_event_id	NULL	Direct mapping
meas_event_field_concept_id	0	Direct mapping

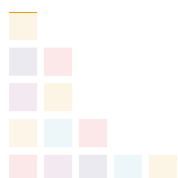
Stub Query

```
select
  s1.seq_realiza,
  id.utente,
  to_char(s1.dt_cri, 'dd/mm/yyyy') || ' ' || s1.hr_cri data_hr_resultado,
  sp.descr_proven,
  id.utente,
  s1.cod_ana_s,
  cl.result,
```





```
    decode(x1.t_sit, 0, 2, 1, 3, 2, 1, 3, 4, 4, 5, 5, 6, null) * 10000000 +
x1.n_epis visit_occurrence_id,
    sas.unid_1,
    sas.descr_ana_s
from
sislab.sl_requis x1
inner join sislab.sl_proven sp on x1.cod_proven = sp.cod_proven
inner join sislab.sl_identif id on id.seq_utente = x1.seq_utente
inner join sislab.sl_realiza s1 on x1.n_req = s1.n_req
inner join sislab.sl_ana_s sas on sas.cod_ana_s = s1.cod_ana_s
inner join sislab.sl_res_alfan c1 on s1.seq_realiza = c1.seq_realiza
```





Observation

enfin.intervencoes

Destination Field	Source Field	Logic
observation_id	serial	Direct mapping
person_id	num_sequential	Direct mapping
observation_concept_id	intervencaoid	STC mapping
observation_date	intervencoesrealizadas.data	Direct mapping
observation_datetime	intervencoesrealizadas.data, hora	Direct mapping
observation_type_concept_id	32817	Direct mapping
value_as_number	NULL	Direct mapping
value_as_string	NULL	Direct mapping
value_as_concept_id	0	Direct mapping
qualifier_concept_id	0	Direct mapping
unit_concept_id	0	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	NULL	Direct mapping
visit_detail_id	NULL	Direct mapping
observation_source_value	NULL	Direct mapping
observation_source_concept_id	0	Direct mapping
unit_source_value	NULL	Direct mapping
qualifier_source_value	NULL	Direct mapping
value_source_value	NULL	Direct mapping
observation_event_id	NULL	Direct mapping
obs_event_field_concept_id	0	Direct mapping

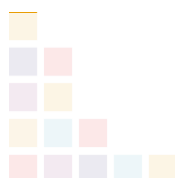
Stub Query

SELECT

```

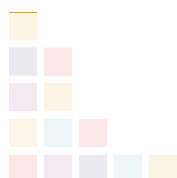
decode (
  INTERVENCOES.cod_modulo,
  'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + INTERVENCOES.int_episodio visit_occurrence_id,
INTERVENCOES.num_sequential,
sgd.DA_ESPECIALIDADE (
  INTERVENCOES.int_episodio,
  INTERVENCOES.Cod_Modulo
) cod_especialidade_Resp,
SGD.GET_PROCESSO_BY_SEQUENCIAL(INTERVENCOES.num_sequential) Num_Processo,

```



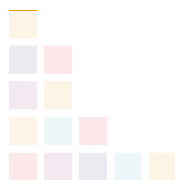


```
INTERVENCOES.int_episodio,
INTERVENCOES.Cod_Modulo,
HORARIOTURNO.Turno,
INTERVENCOES.intervencaoid,
enfin.PK_DESCRITIVOS.nome_intervencao(INTERVENCOES.intervencaoid) intervencao,
INTERVENCOESESPECIFICACOES.especificacao,
INTERVENCOES_EXEC_TRAT.especificacao EXEC_TRAT_especificacao,
enfin.PK_DESCRITIVOS.des_horario(INTERVENCOES.horario) des_horario,
INTERVENCOES_EXEC_TRAT.notas,
TRAT_LIMP.descricao TRAT_LIMP,
TRAT_DESBR.descricao TRAT_DESBR,
TRAT_PPRIM.descricao TRAT_PPRIM,
TRAT_PSECU.descricao TRAT_PSECU,
TRAT_FIXA.descricao TRAT_FIXA,
HORARIOFREQUENCIADIAS.freqdias,
HORARIOFREQUENCIAHORAS.freqhoras,
to_char(
  to_date(HORARIOFREQUENCIADIAS.horainicio, 'sssss'),
  'hh24:mi'
) FrecDiashorainicio,
to_char(
  to_date(HORARIOFREQUENCIADIAS.horainicio, 'sssss'),
  'hh24:mi'
) HFrecDIASHorainicio,
to_char(
  to_date(HORARIOFREQUENCIAHORAS.horainicio, 'sssss'),
  'hh24:mi'
) HFREQHORASHorainicioc,
to_char(HORARIODIAHORAFIXA.data, 'YYYY-MM-DD') HORARIODIAHORAFIXAData,
to_char(
  to_date(HorarioHoraFixa.Hora, 'sssss'),
  'hh24:mi'
) HorarioHoraFixaHora,
to_char(HORARIODIATURNO.dia, 'YYYY-MM-DD') HORARIODIATURNodia,
HORARIOFREQUENCIADIAS.datainicio,
HORARIOFREQUENCIADIAS.freqdias,
enfin.PK_DESCRITIVOS.nome_intervencao(INTERVENCOES.intervencaoid) || ' - ' ||
replace(
  replace(
    replace(
      enfin.PK_DESCRITIVOS.des_horario(INTERVENCOES.horario),
      ' em ',
      ' / '
    ),
  ),
```



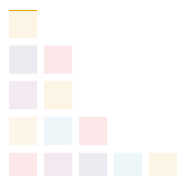


```
        'de',
        'de '
    ),
    ' x ',
    to_char(HORARIOFREQUENCIADIAS.freqdias) ||
to_char(HORARIOFREQUENCIAHORAS.freqhoras)
    ) || ' (' || to_char(
        to_date(HORARIOFREQUENCIADIAS.horainicio, 'sssss'),
        'hh24:mi'
    ) || to_char(
        to_date(HORARIOFREQUENCIAHORAS.horainicio, 'sssss'),
        'hh24:mi'
    ) || to_char(HORARIODIAHORAFIXA.data, 'YYYY-MM-DD') || to_char(
        to_date(HorarioHoraFixa.Hora, 'sssss'),
        'hh24:mi'
    ) || to_char(HORARIODIATURNO.dia, 'YYYY-MM-DD') || HORARIOTURNO.Turno || ')',
    '() ',
    ') '
) IntervencaoRealizadaHorario,
INTERVENCOESREALIZADAS.DATA,
INTERVENCOESREALIZADAS.HORA,
INTERVENCOESREALIZADAS.IMPLEMENTADA,
INTERVENCOESREALIZADAS.ORDEM,
INTERVENCOESREALIZADAS.DOSE_ADMIN,
INTERVENCOESREALIZADAS.JUSTIF_DOSE_DIF,
notas.NOTAS,
notas.NOTASLIVRE,
notas.NOTA_SISTEMA
FROM
    enfin.INTERVENCOES,
    enfin.HORARIOFREQUENCIADIAS,
    enfin.HORARIOFREQUENCIAHORAS,
    enfin.HorarioHoraFixa,
    ENFIN.HORARIODIATURNO,
    enfin.HORARIOTURNO,
    enfin.HORARIODIAHORAFIXA,
    enfin.INTERVENCOESESPECIFICACOES,
    enfin.INTERVENCOES_EXEC_TRAT,
(
    SELECT
        *
    FROM
        enfin.SYS_DOMINIOS TRAT_LIMP
    WHERE
        upper(dominio) = 'TRAT_LIMP'
```



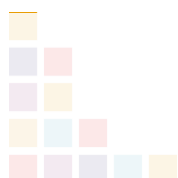


```
) TRAT_LIMP,
(
  SELECT
    *
  FROM
    enfin.SYS_DOMINIOS TRAT_DESBR
  WHERE
    upper(dominio) = 'TRAT_DESBR'
) TRAT_DESBR,
(
  SELECT
    *
  FROM
    enfin.SYS_DOMINIOS TRAT_DESBR
  WHERE
    upper(dominio) = 'TRAT_PPRIM'
) TRAT_PPRIM,
(
  SELECT
    *
  FROM
    enfin.SYS_DOMINIOS TRAT_DESBR
  WHERE
    upper(dominio) = 'TRAT_PSECU'
) TRAT_PSECU,
(
  SELECT
    *
  FROM
    enfin.SYS_DOMINIOS TRAT_DESBR
  WHERE
    upper(dominio) = 'TRAT_FIXA'
) TRAT_FIXA,
enfin.INTERVENCOESREALIZADAS,
enfin.notas
WHERE
  INTERVENCOES.int_episodio = 399369
  AND INTERVENCOES.DATAINICIO >= to_date('2023-01-01', 'YYYY-MM-DD')
  AND INTERVENCOES.intervencaoodeinteid = INTERVENCOESREALIZADAS.numero
  AND INTERVENCOESREALIZADAS.implementada = 'S'
  AND INTERVENCOESREALIZADAS.tabela = 'INTERVENCOES'
  AND INTERVENCOESREALIZADAS.NUM_SEQUENCIAL = notas.NUM_SEQUENCIAL(+)
  AND INTERVENCOESREALIZADAS.INT_EPISODIO = notas.INT_EPISODIO(+)
  AND INTERVENCOESREALIZADAS.intervencaooid = notas.intervencaooid(+)
  AND INTERVENCOES.intervencaoodeinteid = HORARIOFREQUENCIADIAS.numero(+)
```





```
AND HORARIOFREQUENCIADIAS.Tabela (+) = 'INTERVENCOES'  
AND INTERVENCOES.intervencaoenteid = HORARIODIATURNO.numero(+)  
AND HORARIODIATURNO.Tabela (+) = 'INTERVENCOES'  
AND INTERVENCOES.intervencaoenteid = HORARIOFREQUENCIAHORAS.numero(+)  
AND HORARIOFREQUENCIAHORAS.Tabela (+) = 'INTERVENCOES'  
AND INTERVENCOES.intervencaoenteid = HorarioHoraFixa.numero(+)  
AND HorarioHoraFixa.Tabela (+) = 'INTERVENCOES'  
AND INTERVENCOES.intervencaoenteid = HORARIOTURNO.numero(+)  
AND HORARIOTURNO.Tabela (+) = 'INTERVENCOES'  
AND INTERVENCOES.intervencaoenteid = HORARIODIAHORAFIXA.numero(+)  
AND HORARIODIAHORAFIXA.Tabela (+) = 'INTERVENCOES'  
AND INTERVENCOES.intervencaoenteid =  
INTERVENCOESESPECIFICACOES.intervencaoenteid(+)  
AND INTERVENCOES.intervencaoenteid =  
INTERVENCOES_EXEC_TRAT.intervencaoenteid(+)  
AND INTERVENCOES_EXEC_TRAT.limpeza = TRAT_LIMP.valor(+)  
AND INTERVENCOES_EXEC_TRAT.desbridamento = TRAT_DESBR.valor (+)  
AND INTERVENCOES_EXEC_TRAT.pprimario = TRAT_PPRIM.valor (+)  
AND INTERVENCOES_EXEC_TRAT.psecundario = TRAT_PSECU.valor (+)  
AND INTERVENCOES_EXEC_TRAT.fixacao = TRAT_FIXA.valor (+)
```





enfin.atitudesterapeuticas

Destination Field	Source Field	Logic
observation_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
observation_concept_id	Atitudeterapeutica	STC mapping
observation_date	Datainicio	Direct mapping
observation_datetime	Datainicio	Direct mapping
observation_type_concept_id	32817	Direct mapping
value_as_number	NULL	Direct mapping
value_as_string	NULL	Direct mapping
value_as_concept_id	0	Direct mapping
qualifier_concept_id	0	Direct mapping
unit_concept_id	0	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
observation_source_value	Atitudeterapeutica	Direct mapping
observation_source_concept_id	0	Direct mapping
unit_source_value	NULL	Direct mapping
qualifier_source_value	NULL	Direct mapping
value_source_value	NULL	Direct mapping
observation_event_id	NULL	Direct mapping
obs_event_field_concept_id	0	Direct mapping

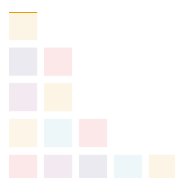
Stub Query

SELECT

```

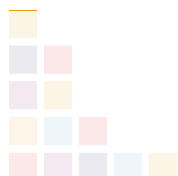
decode (
  ATITUDESTERAPEUTICAS.cod_modulo,
  'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + ATITUDESTERAPEUTICAS.int_episodio visit_occurrence_id,
ATITUDESTERAPEUTICAS.num_sequencial,
sgd.DA_ESPECIALIDADE (
  ATITUDESTERAPEUTICAS.int_episodio,
  ATITUDESTERAPEUTICAS.Cod_Modulo
) cod_especialidade_Resp,
SGD.GET_PROCESSO_BY_SEQUENCIAL(ATITUDESTERAPEUTICAS.num_sequencial) Num_Processo,
ATITUDESTERAPEUTICAS.Cod_Modulo,
ATITUDESTERAPEUTICAS.int_episodio,

```





```
ATITUDESTERAPEUTICAS.atitudeterapeuticaid,  
SYSATITUDETERAPEUTICA.Atitudeterapeutica,  
ATITUDESTERAPEUTICAS.obs,  
to_char(INTERVENCOESREALIZADAS.data, 'YYYY-MM-DD') Datainicio  
FROM  
ENFIN.ATITUDESTERAPEUTICAS,  
enfin.SYSATITUDETERAPEUTICA,  
enfin.INTERVENCOESREALIZADAS  
where  
ATITUDESTERAPEUTICAS.atitudeterapeutica =  
SYSATITUDETERAPEUTICA.SYSATITUDETERAPEUTICAID  
and ATITUDESTERAPEUTICAS.ATITUDETERAPEUTICAID = INTERVENCOESREALIZADAS.numero  
and ATITUDESTERAPEUTICAS.num_sequencial = INTERVENCOESREALIZADAS.num_sequencial  
and ATITUDESTERAPEUTICAS.DataTermo is null  
and INTERVENCOESREALIZADAS.implementada = 'S'  
and INTERVENCOESREALIZADAS.data >= to_date('2023-01-01', 'YYYY-MM-DD')
```





enfin.ide alergias

Destination Field	Source Field	Logic
observation_id	serial	Direct mapping
person_id	num_sequential	Direct mapping
observation_concept_id	alergenio_id	STC mapping
observation_date	dta_registro	Direct mapping
observation_datetime	dta_registro	Direct mapping
observation_type_concept_id	32817	Direct mapping
value_as_number	NULL	Direct mapping
value_as_string	NULL	Direct mapping
value_as_concept_id	0	Direct mapping
qualifier_concept_id	0	Direct mapping
unit_concept_id	0	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
observation_source_value	alergenio_id	Direct mapping
observation_source_concept_id	0	Direct mapping
unit_source_value	NULL	Direct mapping
qualifier_source_value	NULL	Direct mapping
value_source_value	NULL	Direct mapping
observation_event_id	NULL	Direct mapping
obs_event_field_concept_id	0	Direct mapping

Stub Query

SELECT

```

  IDE_ALERGIAS.num_sequential,
  SGD.GET_PROCESSO_BY_SEQUENCIAL(IDE_ALERGIAS.num_sequential) Num_Processo,
  IDE_ALERGIAS.dta_registro,
  IDE_ALERGIAS.observacoes,
  MED.nome medicamento_id,
  DCIPT.descr dcipt_id,
  SubCategoria.descricao || ATC.descr || alergenio.descricao alergenio_id,
  Categoria.ID

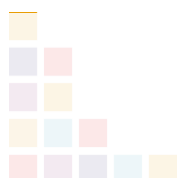
```

FROM

```

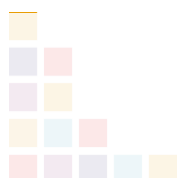
  enfin.IDE_ALERGIAS,
  enfin.SYS_ALERGIAS Categoria,
  enfin.SYS_ALERGIAS Estado,

```





```
infarmed.MED,  
infarmed.DCIPT,  
infarmed.ATC,  
enfin.SYS_ALERGIAS SubCategoria,  
(select * from enfin.SYS_ALERGIAS WHERE dominio in ('ALERG_ALIM', 'ALERG_OUTR'))  
alergenio  
where  
IDE_ALERGIAS.Activo = 'S'  
and IDE_ALERGIAS.categoria_id = Categoria.id(+)  
and Categoria.dominio(+) = 'CATEGORIA'  
and Categoria.Activo(+) = 'S'  
and IDE_ALERGIAS.Estado_id = Estado.id(+)  
and Estado.dominio(+) = 'ESTADO'  
and not upper(Estado.descricao) like '%INATIVO%'  
and Categoria.dominio_filho = subCategoria.dominio(+)  
and Categoria.id = subCategoria.id(+)  
and subCategoria.Activo(+) = 'S'  
and IDE_ALERGIAS.medicamento_id = MED.med_id(+)  
and IDE_ALERGIAS.DCIPT_ID = DCIPT.DCIPT_ID(+)  
and IDE_ALERGIAS.alergenio_id = ATC.code(+)  
and IDE_ALERGIAS.alergenio_id = alergenio.id(+)
```





Notes

[sonho v2.sys documentos](#)

Destination Field	Source Field	Logic
note_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
note_date	data	Direct mapping
note_datetime	data	Direct mapping
note_type_concept_id	32817	Direct mapping
note_class_concept_id	cod_documento	STC mapping
note_title	descricao	Direct mapping
note_text	descricao	Direct mapping
encoding_concept_id	32678	Direct mapping
language_concept_id	4181536	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
note_source_value	cod_documento	Direct mapping
note_event_id	NULL	Direct mapping
note_event_field_concept_id	0	Direct mapping

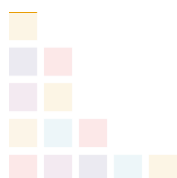
Stub Query

SELECT

```
sd.cod_documento,  
sid2.descricao grande_grupo,  
sid.descricao,  
to_char(sd.data_criacao, 'DD/MM/YYYY HH24:MI') data,  
st.texto,  
sm.num_ord_medico,  
sm.nome_clinico,  
se.cod_especialidade,  
se.des_especialidade,  
decode(sd.cod_modulo,  
    'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9  
) * 100000000 + sd.num_episodio visit_occurrence_id,  
sd.num_sequencial
```

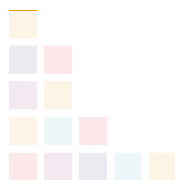
FROM

```
sys_documentos sd  
INNER JOIN sys_textos st ON sd.cod_documento = st.cod_documento
```





```
INNER JOIN sys_items_documento sid ON st.cod_item = sid.cod_item
INNER JOIN sys_items_documento sid2 ON sid.grande_grupo = sid2.cod_item
LEFT JOIN sys_especialidades se ON sd.cod_especialidade = se.cod_especialidade
LEFT JOIN sys_medicos sm ON sd.num_medico_resp = sm.num_funcionario
UNION
ALL
SELECT
sd.cod_documento,
sid2.descricao grande_grupo,
sitm.descricao,
to_char(sd.data_criacao, 'DD/MM/YYYY HH24:MI') data,
soid.descricao texto,
sm.num_ord_medico,
sm.nome_clinico,
se.cod_especialidade,
se.des_especialidade,
decode(sd.cod_modulo,
'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + sd.num_episodio visit_occurrence_id,
sd.num_sequencial
FROM
sys_documentos sd
INNER JOIN sys_outros_items_doc soid ON sd.cod_documento = soid.cod_documento
INNER JOIN sys_items_documento sid ON sd.cod_item = sid.cod_item
INNER JOIN sys_items_documento sid2 ON sid.grande_grupo = sid2.cod_item
INNER JOIN sys_dominios sitm ON soid.tipo = sitm.valor
AND sitm.dominio = 'T_ITM'
INNER JOIN sys_medicos sm ON soid.num_func_registro = sm.num_funcionario
AND sm.medico = 'S'
LEFT JOIN sys_especialidades se ON se.cod_especialidade = sd.cod_especialidade
```





sonho v2.cli diario

Destination Field	Source Field	Logic
note_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
note_date	data	Direct mapping
note_datetime	data	Direct mapping
note_type_concept_id	32817	Direct mapping
note_class_concept_id	706550	Direct mapping
note_title	descricao	Direct mapping
note_text	text	Direct mapping
encoding_concept_id	32678	Direct mapping
language_concept_id	4181536	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	visit_occurrence_id	Direct mapping
visit_detail_id	NULL	Direct mapping
note_source_value	NULL	Direct mapping
note_event_id	NULL	Direct mapping
note_event_field_concept_id	0	Direct mapping

Stub Query

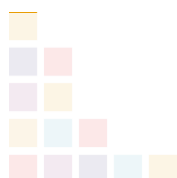
SELECT

```
cli_med.num_diario,  
epi.num_sequencial,  
'diario' grande_grupo,  
'diario' descricao,  
to_char(cli_med.data + cli_med.hora / 24 / 3600, 'DD/MM/YYYY HH24:MI') data,  
cli_med.diario texto,  
sf.num_funcionario,  
sf.nome_funcionario,  
se.cod_especialidade,  
se.des_especialidade,  
decode(cli_med.cod_modulo,  
    'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9  
    ) * 100000000 + cli_med.num_episodio visit_occurrence_id
```

FROM cli_diario cli_med

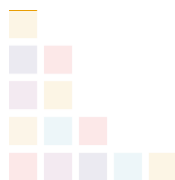
```
INNER JOIN sys_funcionarios sf ON cli_med.num_funcionario = sf.num_funcionario
```

```
INNER JOIN urg_admissoes epi ON cli_med.cod_modulo='URG' AND cli_med.num_episodio  
= epi.urg_episodio
```



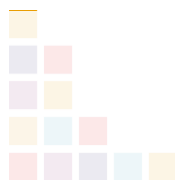


```
LEFT JOIN sys_especialidades se ON cli_med.cod_especialidade =
se.cod_especialidade
WHERE
cli_med.confidencial = 'N'
UNION ALL
SELECT
cli_med.num_diario,
epi.num_sequencial,
'diario' grande_grupo,
'diario' descricao,
to_char(cli_med.data + cli_med.hora / 24 / 3600, 'DD/MM/YYYY HH24:MI') data,
cli_med.diario texto,
sf.num_funcionario,
sf.nome_funcionario,
se.cod_especialidade,
se.des_especialidade,
decode(cli_med.cod_modulo,
'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + cli_med.num_episodio visit_occurrence_id
FROM cli_diario cli_med
INNER JOIN sys_funcionarios sf ON cli_med.num_funcionario = sf.num_funcionario
INNER JOIN con_registadas epi ON cli_med.cod_modulo='CON' AND cli_med.num_episodio
= epi.con_episodio
LEFT JOIN sys_especialidades se ON cli_med.cod_especialidade =
se.cod_especialidade
WHERE
cli_med.confidencial = 'N'
UNION ALL
SELECT
cli_med.num_diario,
epi.num_sequencial,
'diario' grande_grupo,
'diario' descricao,
to_char(cli_med.data + cli_med.hora / 24 / 3600, 'DD/MM/YYYY HH24:MI') data,
cli_med.diario texto,
sf.num_funcionario,
sf.nome_funcionario,
se.cod_especialidade,
se.des_especialidade,
decode(cli_med.cod_modulo,
'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + cli_med.num_episodio visit_occurrence_id
FROM cli_diario cli_med
INNER JOIN sys_funcionarios sf ON cli_med.num_funcionario = sf.num_funcionario
```



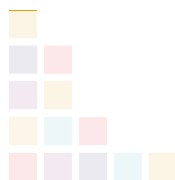


```
INNER JOIN int_admissoes epi ON cli_med.cod_modulo='INT' AND cli_med.num_episodio
= epi.int_episodio
LEFT JOIN sys_especialidades se ON cli_med.cod_especialidade =
se.cod_especialidade
WHERE
cli_med.confidencial = 'N'
UNION ALL
SELECT
cli_med.num_diario,
epi.num_sequencial,
'diario' grande_grupo,
'diario' descricao,
to_char(cli_med.data + cli_med.hora / 24 / 3600, 'DD/MM/YYYY HH24:MI') data,
cli_med.diario texto,
sf.num_funcionario,
sf.nome_funcionario,
se.cod_especialidade,
se.des_especialidade,
decode(cli_med.cod_modulo,
'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + cli_med.num_episodio visit_occurrence_id
FROM cli_diario cli_med
INNER JOIN sys_funcionarios sf ON cli_med.num_funcionario = sf.num_funcionario
INNER JOIN amb_admissoes epi ON cli_med.cod_modulo='HDI' AND cli_med.num_episodio
= epi.amb_episodio
LEFT JOIN sys_especialidades se ON cli_med.cod_especialidade =
se.cod_especialidade
WHERE
cli_med.confidencial = 'N'
UNION ALL
SELECT
cli_med.num_diario,
epi.num_sequencial,
'diario' grande_grupo,
'diario' descricao,
to_char(cli_med.data + cli_med.hora / 24 / 3600, 'DD/MM/YYYY HH24:MI') data,
cli_med.diario texto,
sf.num_funcionario,
sf.nome_funcionario,
se.cod_especialidade,
se.des_especialidade,
decode(cli_med.cod_modulo,
'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + cli_med.num_episodio visit_occurrence_id
FROM cli_diario cli_med
```



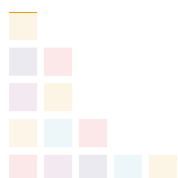


```
INNER JOIN sys_funcionarios sf ON cli_med.num_funcionario = sf.num_funcionario
INNER JOIN ide_rad_episodios epi ON cli_med.cod_modulo='RAD' AND
epi.cod_modulo='RAD' AND cli_med.num_episodio = epi.num_episodio
LEFT JOIN sys_especialidades se ON cli_med.cod_especialidade =
se.cod_especialidade
WHERE
cli_med.confidencial = 'N'
UNION ALL
SELECT
cli_med.num_diario,
epi.num_sequencial,
'diario' grande_grupo,
'diario' descricao,
to_char(cli_med.data + cli_med.hora / 24 / 3600, 'DD/MM/YYYY HH24:MI') data,
cli_med.diario texto,
sf.num_funcionario,
sf.nome_funcionario,
se.cod_especialidade,
se.des_especialidade,
decode(cli_med.cod_modulo,
'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + cli_med.num_episodio visit_occurrence_id
FROM cli_diario cli_med
INNER JOIN sys_funcionarios sf ON cli_med.num_funcionario = sf.num_funcionario
INNER JOIN ide_lab_episodios epi ON cli_med.cod_modulo='LAB' AND
epi.cod_modulo='LAB' AND cli_med.num_episodio = epi.num_episodio
LEFT JOIN sys_especialidades se ON cli_med.cod_especialidade =
se.cod_especialidade
WHERE
cli_med.confidencial = 'N'
UNION ALL
SELECT
cli_med.num_diario,
epi.num_sequencial,
'diario' grande_grupo,
'diario' descricao,
to_char(cli_med.data + cli_med.hora / 24 / 3600, 'DD/MM/YYYY HH24:MI') data,
cli_med.diario texto,
sf.num_funcionario,
sf.nome_funcionario,
se.cod_especialidade,
se.des_especialidade,
decode(cli_med.cod_modulo,
'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6, 'BLO', 7, 9
) * 100000000 + cli_med.num_episodio visit_occurrence_id
```





```
FROM cli_diario cli_med
  INNER JOIN sys_funcionarios sf ON cli_med.num_funcionario = sf.num_funcionario
  INNER JOIN blo_registro epi ON cli_med.cod_modulo='BLO' AND cli_med.num_episodio =
  epi.blo_num_reg
  LEFT JOIN sys_especialidades se ON cli_med.cod_especialidade =
  se.cod_especialidade
WHERE
  cli_med.confidencial = 'N'
```





sonho v2.int historia clinica

Destination Field	Source Field	Logic
note_id	serial	Direct mapping
person_id	num_sequencial	Direct mapping
note_date	data	Direct mapping
note_datetime	data	Direct mapping
note_type_concept_id	32817	Direct mapping
note_class_concept_id	706379	Direct mapping
note_title	descricao	Direct mapping
note_text	texto	Direct mapping
encoding_concept_id	32678	Direct mapping
language_concept_id	4181536	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	hist_cli.int_episodio	Direct mapping
visit_detail_id	NULL	Direct mapping
note_source_value	NULL	Direct mapping
note_event_id	NULL	Direct mapping
note_event_field_concept_id	0	Direct mapping

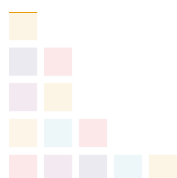
Stub Query

SELECT

```
hist_cli.num_sequencial,  
'hist' grande_grupo,  
'hist' descricao,  
ia.dta_internamento data,  
hist_cli.historia texto,  
sf.num_funcionario,  
sf.nome_funcionario,  
0 cod_especialidade,  
' ' des_especialidade,  
3 * 100000000 + hist_cli.int_episodio visit_occurrence_id
```

FROM

```
int_historia_clinica hist_cli  
INNER JOIN int_admissoes ia ON hist_cli.int_episodio = ia.int_episodio  
INNER JOIN sys_funcionarios sf ON hist_cli.num_mecanografico = sf.num_funcionario
```



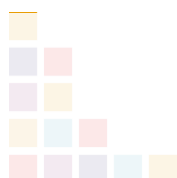


[metrix.mx_diario](#)

Destination Field	Source Field	Logic
note_id	serial	Direct mapping
person_id	num_sequential	Direct mapping
note_date	dta	Direct mapping
note_datetime	dta	Direct mapping
note_type_concept_id	32817	Direct mapping
note_class_concept_id	706550	Direct mapping
note_title	"diario"	Direct mapping
note_text	text	Direct mapping
encoding_concept_id	32678	Direct mapping
language_concept_id	4181536	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	num_episodio	Direct mapping
visit_detail_id	NULL	Direct mapping
note_source_value	NULL	Direct mapping
note_event_id	NULL	Direct mapping
note_event_field_concept_id	0	Direct mapping

Stub Query

```
SELECT
  num_sequential,
  dta,
  diario,
  num_episodio
FROM
  mx_diario
```



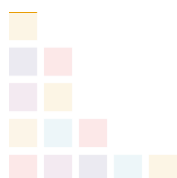


[metrix.mx_altas](#)

Destination Field	Source Field	Logic
note_id	serial	Direct mapping
person_id	num_sequential	Direct mapping
note_date	data	Direct mapping
note_datetime	data	Direct mapping
note_type_concept_id	32817	Direct mapping
note_class_concept_id	706531	Direct mapping
note_title	"alta"	Direct mapping
note_text	data	Direct mapping
encoding_concept_id	32678	Direct mapping
language_concept_id	4181536	Direct mapping
provider_id	NULL	Direct mapping
visit_occurrence_id	num_episodio	Direct mapping
visit_detail_id	NULL	Direct mapping
note_source_value	NULL	Direct mapping
note_event_id	NULL	Direct mapping
note_event_field_concept_id	0	Direct mapping

Stub Query

```
SELECT
  num_sequential,
  data,
  alta,
  num_episodio
FROM
  mx_altas
```





Specimen

[anapat.ana_ficha_exame](#)

Destination Field	Source Field	Logic
specimen_id	serial	Direct mapping
person_id	doente	Direct mapping
specimen_concept_id	cod_produto	STC mapping
specimen_type_concept_id	32817	Direct mapping
specimen_date	specimen_date	Direct mapping
specimen_datetime	specimen_date	Direct mapping
quantity	num_produto	Direct mapping
unit_concept_id	0	Direct mapping
anatomic_site_concept_id	cod_produto	STC mapping
disease_status_concept_id	0	Direct mapping
specimen_source_id	ficha	Direct mapping
specimen_source_value	cod_produto	Direct mapping
unit_source_value	NULL	Direct mapping
anatomic_site_source_value	NULL	Direct mapping
disease_status_source_value	NULL	Direct mapping

Stub Query

SELECT

```
a.ficha specimen_id,  
a.doente person_id,  
To_Char( a.dt_entrada,'DD/MM/YYYY') specimen_date,  
p.num_produto,  
a.tipo_exame,  
a.sub_tipo_exame,  
decode(a.origem, 'URG', 1, 'CON', 2, 'INT', 3, 'HDI', 4, 'RAD', 5, 'LAB', 6,  
'BLO', 7, 9 ) * 100000000 + a.n_episodio visit_occurrence_id,  
p.cod_produto,  
ap.descricao,  
rc.codigo
```

FROM

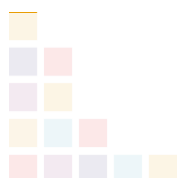
```
anapat.ana_ficha_exame a  
INNER JOIN anapat.ana_ficha_exame_p p ON p.ficha=a.ficha  
INNER JOIN anapat.ana_produtos ap ON ap.ficha=a.ficha  
INNER JOIN anapat.ana_ficha_exame_rc rc ON rc.ficha=a.ficha
```



Observation Period

We will use the min and max date available in the visit_occurrence to determine the observation period for each patient.

Destination Field	Source Field	Logic
observation_period_id	serial	Direct mapping
person_id	person_id	Direct mapping
observation_period_start_date	min(visit_start_date)	Direct mapping
observation_period_end_date	min(visit_end_date)	Direct mapping
period_type_concept_id	32817	Direct mapping





Care Site

[sgd.sys_especialidades](#)

Care sites will be created to ensure that all combinations of intuition and medical departments have unique entries in this table.

Destination Field	Source Field	Logic
care_site_id	serial	Direct mapping
care_site_name	care_site_name	Direct mapping
place_of_service_concept_id	novo_codigo	STC mapping
location_id	location_id	Direct mapping
care_site_source_value	cod_especialidade	Direct mapping
place_of_service_source_value	des_especialidade	Direct mapping

Stub Query

SELECT

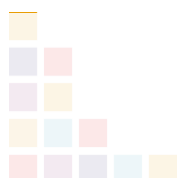
```
decode (
  se.des_especialidade,
  '%(AG)%',
  'Hospital Conde Sucena',
  '%(ES)%',
  'Hospital Visconde Salreu',
  'Hospital Infante D.Pedro'
) care_site_name,
sne.novo_codigo place_of_service_concept_id,
decode (
  se.des_especialidade,
  '%(AG)%',
  '50',
  '%(ES)%',
  '30',
  '15'
) * 1000000000000000000 + sne.novo_codigo location_id,
se.cod_especialidade care_site_source_value,
se.des_especialidade place_of_service_source_value
```

FROM

```
sgd.sys_especialidades se,
sgd.sys_novas_especialidades sne
```

WHERE

```
se.cod_especialidade = sne.codigo_velho(+)
```

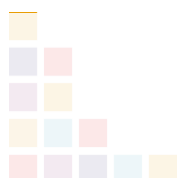




Unmapped Tables

The following tables will not be mapped from source data.

Table	Reason
visit_detail	No data
note_nlp	No data
payer_plan_period	No data
cost	Decision not to map
location	Decision not to map
provider	Decision not to map
metadata	Built by hand with the applicable information
cdm_source	Built by hand with the applicable information
fact_relationship	Loaded from Athena
drug_era	Generated from standard query
dose_era	Generated from standard query
condition_era	Generated from standard query
episode	Generated from standard query
episode_event	Generated from standard query
cohort	Generated from ATLAS
cohort_definition	Generated from ATLAS





3 Vocabulary mapping

Data in the EMHA is encoded almost all relevant concepts into standard terminologies, namely ATC Codes for Drugs and ICD-10 for conditions. Vocabularies will be mapped semi automatically as described in section [Vocabulary Mapping Structure](#). Prior to starting manual mapping, all relevant elements will be translated into English using [DeepL](#) translation service.

As described before, we will employ standardized tools based on excel to develop this process. The semi-automatic mapping will be performed using full-text queries against the Vocabulary Tables, and the manual validation and updates will be done using Athena.

Manual mapping is expected to occur for ad-hoc vocabularies as shown below:

Table	Column	Vocabulary
ide_identificacao	sexo	Ad-hoc
con_registadas	cod_preveniencia	Ad-hoc
con_registadas	cod_destino	Ad-hoc
con_reg_urgentes	cod_proveniencia	Ad-hoc
int_admissoes	cod_proveniencia	Ad-hoc
hdi_admissoes	cod_proveniencia	Ad-hoc
hdi_altas	cod_destino	Ad-hoc
ide_rad_episodios	cod_proveniencia	Ad-hoc
ide_lab_episodios	cod_proveniencia	Ad-hoc
sys_diagnosticos_doente	cod_diagnostico	ICD-9 CM, ICD-10 CM
mx_diagnosticos_doente	cod_diagnostico	ICD-9 CM, ICD-10 CM
med_receitas	medicamento	Ad-hoc, ATC
plh.ph_med_pres	medicamento	Ad-hoc, ATC
plh.ph_med_pres	dose	Ad-hoc
plh.ph_med_pres	via_adm	Ad-hoc
ghaf_prescricoes	medicamento, unid_med	Ad-hoc
ghaf_prescricoes	via_adm	Ad-hoc
ghaf_device_exposure	valor	Ad-hoc
ghaf_device_exposure	cod_unidade	Ad-hoc
ide_proc_doente	cod_acto_medico	ICD-10 PCS
ide_rad_doente	cod_acto_medico	ICD-10 PCS
blo_registro	cod_interv_cirurgica	ICD-10 PCS

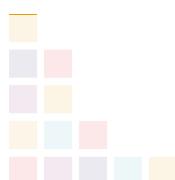
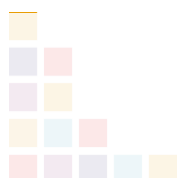




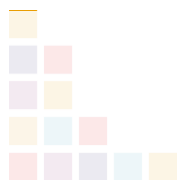
Table	Column	Vocabulary
ghaf_procedimentos_resultados	valor	ICD-10
ghaf_procedimentos_resultados	cod_procedimento	ICD-10
enfin.vigilancia	parametro	Ad-hoc
appolo_ehma_results	resultado_parametro_analitico	Ad-hoc, LOINC
appolo_ehma_results	unidade_resultado	Ad-hoc
sislab.sl_requis	cod_ana_s	Ad-hoc
sislab.sl_requis	result	Ad-hoc
sislab.sl_requis	unid_1	Ad-hoc
enfin.intervencoes	intervencaoid	Ad-hoc
enfin.atitudesterapeuticas	Atitudeterapeutica	Ad-hoc
enfin.ide_alergias	alergenio_id	Ad-hoc
sonho_v2.sys_documentos	cod_documento	Ad-hoc
anapat.ana_ficha_exame	cod_produto	Ad-hoc
sgd.sys_especialidades	novo_codigo	Ad-hoc





4 Next Steps

Once EHDEN approves this report on milestone 1, we would continue with the work as described and implement work steps 4 to 7 for milestone 2. We anticipate milestone 2 to be completed within schedule.





Appendix 1. Source Data Model

The following are the table schemas and respective tables with reference to column names and types. Only columns required by the ETL are mentioned.

Sonho v1

con_reg_urgentes

Column	Type
con_episodio	int
num_sequencial	int
dta_realizacao	date
hora_realizacao	time
cod_especialidade	str
cod_proveniencia	str

sgd.sys_especialidades

Column	Type
des_especialidade	str
cod_especialidade	str
des_especialidade	str

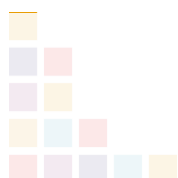
Sonho v2

ide_identificacao

Column	Type
num_sequencial	int
sexo	str
dta_nascimento	date

blo_registro

Column	Type
blo_num_reg	int
num_sequencial	int





Column	Type
dta_intervencao	date
cod_espec_req	str
cod_especialidade	str

blo_reg_acir

Column	Type
cod_p_s	str
blo_num_reg	int

blo_reg_horas

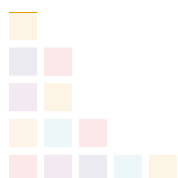
Column	Type
cod_tipo_hora	str
blo_num_reg	int

cli_diario

Column	Type
num_diario	int
data	date
hora	time
diario	str

con_registadas

Column	Type
con_episodio	int
num_sequencial	int
dta_realizacao	date
hora_realizacao	time
cod_proveniencia	str
tip_agenda	str
cod_med_esp	str





con_med_esp

Column	Type
cod_especialidade	str
cod_med_esp	str

con_registadas_altas

Column	Type
cod_destino	str
con_episodio	str

hdi_sesoes

Column	Type
num_sessao	int
num_sequencial	int
dta_sessao	date
hora_sessao	time
cod_especialidade	str
hdi_episodio	str

hdi_admissoes

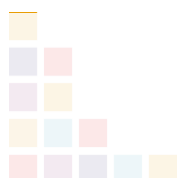
Column	Type
cod_proveniencia	str
hdi_episodio	str

hdi_altas

Column	Type
hdi_episodio	str
cod_destino	str

ide_admissoes

Column	Type
int_episodio	int





Column	Type
num_sequencial	int
dta_internamento	date
hora_internamento	time
cod_proveniencia	str

ide_controle

Column	Type
num_sequencial	int
dta_obito	date

ide_lab_episodios

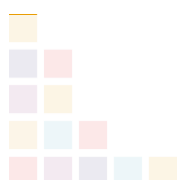
Column	Type
num_episodio	int
num_sequencial	int
dta_episodio	date
cod_proveniencia	str
cod_especialidade	str

ide_proc_doente

Column	Type
num_sequencial	int
cod_acto_medico	str
dta_acto_medico	date

ide_rad_doente

Column	Type
num_sequencial	int
cod_acto_medico	str
dta_acto_medico	date





ide_rad_episodios

Column	Type
num_episodio	int
num_sequencial	int
dta_episodio	date
cod_proveniencia	str
cod_especialidade	str

int_altas_hospital

Column	Type
dta_alta_admin	date
hora_alta_admin	time
cod_destino	str
int_episodio	int

int_admissoes

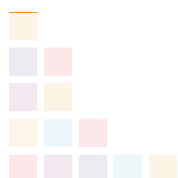
Column	Type
num_sequencial	int
dta_internamento	date
t_hora_internamento	time
int_episodio	int
cod_proveniencia	str

int_historia_clinica

Column	Type
num_sequencial	int
historia	text
int_episodio	int

int_transferencias

Column	Type
int_episodio	int





Column	Type
cod_especialidade_prev	str

med_items_receita

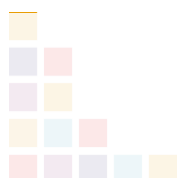
Column	Type
medicamento	str
outro_medicamento	str
qt	int
renovavel	int
num_copias	int
posologia	str
cod_receita	str

med_receitas

Column	Type
cod_receita	str
num_sequencial	int
dta_prescricao	date
dta_receita	date
cod_modulo	str
num_episodio	int

sys_diagnosticos_doente

Column	Type
num_sequencial	int
cod_diagnostico	str
dta_registro	date
cod_modulo	str
num_episodio	int
cod_verdiag	str





sys_documentos

Column	Type
cod_documento	str
num_episodio	int
num_sequencial	int

urg_admissoes

Column	Type
urg_episodio	int
num_sequencial	int
dta_admissao	date
hora_admissao	time
cod_proveniencia	str
cod_destino	str
urg_episodio	int

urg_altas

Column	Type
dta_alta	date
hora_alta	time
urg_episodio	int
cod_unidade_espec	str

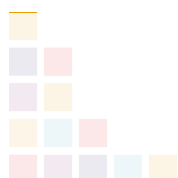
sgd.sys_novas_especialidades

Column	Type
novo_codigo	str
codigo_velho	str

Metrix

mx_altas

Column	Type
num_sequencial	int





Column	Type
alta	str
num_episodio	int

mx_diagnosticos_doente

Column	Type
num_sequencial	int
cod_diagnostico	str
condition_start_date	date
cod_modulo	str
icd	int
num_episodio	int

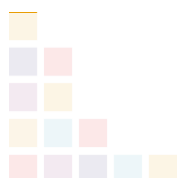
mx_diario

Column	Type
num_sequencial	int
dta	date
diario	str
num_episodio	int

Enfin

enfin.vigilancia

Column	Type
enfermeiroid	int
data	date
parametro	str
valor	int
hora	time
cod_modulo	str
num_sequencial	int
intervenciaoid	int





enfin.sysintervencoes

Column	Type
intervencao	str
intervencaoid	int

enfin.intervencoes

Column	Type
cod_modulo	str
num_sequencial	int
int_episodio	int
cod_modulo	str
intervencaoid	int
horario	time

enfin.atitudesterapeuticas

Column	Type
cod_modelo	str
int_episodio	int
num_sequencial	int
atitudeterapeuticaid	int
obs	text

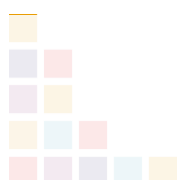
enfin.ide_alergias

Column	Type
num_sequencial	int
dta.registo	date
obeservacoes	text

Glantt

sgicmf.ph_prescricoes

Column	Type
data_presc	date





Column	Type
dt_cancelamento	date
doente	int

sislab.sl_requis

Column	Type
t_sit	int
n_epis	int
cod_proven	str
set_utente	int
n_req	int

sislab.sl_proven

Column	Type
cod_proven	str

sislab.sl_identif

Column	Type
seq_utente	int

sislab.sl_realiza

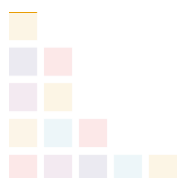
Column	Type
n_req	int

sislab.sl_ana_s

Column	Type
cod_ana_s	str

sislab.sl_res_alfan

Column	Type
seq_realiza	int





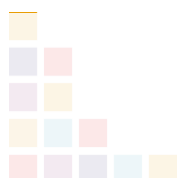
anapat.ana_ficha_exame

Column	Type
ficha	int
doente	int
tipo_exame	str
sub_tipo_exame	str
n_episodio	int
origem	str

Confidencia

confidencia.appolo_ehma_results

Column	Type
episodio_laboratorio	int
processo_hospitalar	int
numero_amostra	int
data_episodio	date
utilizador_validou	str
codigo_analise	int
analise	str
estado_analise	int
codigo_grupo_cientifico	str
subgrupo_cientifico	str
cod_metodo_analitico	str
metodo_analitico	str
loinc_parametro	str
cod_parametro_analitico	str
parametro_analitico	str
tipo_parametro_analitico	str
unidade_resultado	str
valor_referencia_resultado	int
resultado_preliminar	str





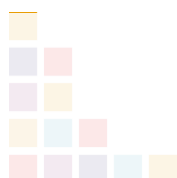
Ghaf

ghaf_prescricoes

Column	Type
prescricao	int
medicamento	str
nome_med	str
tipo_med	str
dose	int
unid_med	str
via_adm	str
freq_pres	int
data_presc	date
dt_cancelamento	date
doente	str

ghaf_device_exposure

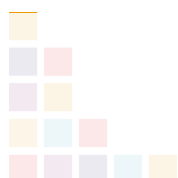
Column	Type
utente_id	int
dev_id	int
data_inicio	date
hora_inicio	time
data_fim	date
hora_fim	time
id_device	int
qnt	int
fornecedor_id	int
episodio	str
sessao	str
valor	str
cod_unidade	str
unidade	str





ghaf_procedimentos_resultados

Column	Type
po_id	int
utente_id	int
p_data	date
f_data_hora	date
data_fim	date
data_fim	date
qnt	int
origem	str
episodio	str
sessao	str
cod_procedimento	str
valor	str





Appendix 2. Data Dictionary

sonho_v2.ide_identificacao.sexo

Value	Description
1	Masculino
2	Feminino
3	Hermafrodita

```
select value, description from sys_dominios where dominio = 'sexo'
```

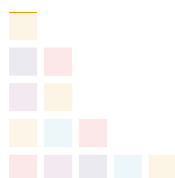
sonho_v2.urg_admissoes.cod_modulo

Value	Description
URG	Urgencia
CON	Consulta Externa
INT	Internamento
HDI	Hospital de Dia
RAD	M.C.D.T.
LAB	Laboratorio
BLO	Bloco Operatorio

```
select cod_modulo,des_modulo  
from sys_modulos  
where cod_modulo IN ('URG','CON','INT','HDI','RAD','LAB','BLO')
```

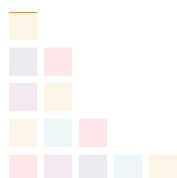
sonho_v2.con_registadas.cod_proveniencia

Value	Description
1	URGENCIA
2	CONSULTA EXTERNA
3	SERVICO DE INTERNAMENTO
4	HOSPITAL DIA
5	EXTERIOR
6	RECEM-NASCIDO
7	ARS/CENTRO DE SAUDE
8	SAP-S. ATENDIMENTO PERMANENTE





Value	Description
9	OUTRO HOSPITAL
10	CLINICAS PRIVADAS
11	REENTRADA SERVICO URGENCIA
12	DADORES DE SANGUE
13	CDP GAIA
14	CHVNG - LABORATORIO PATOLOGIA
15	CIRURGIA AMBUL./BLOCO
16	C. R. PARELECIA CEREBRAL PORTO
17	C. R. SEGURANCA SOCIAL NORTE
18	MIN. EMPREGO SEGURANCA SOCIAL
19	PEQUENA CIRURGIA
20	ENCAMINHADO PELO SAUDE 24
21	SIGIC
22	GASTRO (END/COLON)
23	STDR
24	DOI DOI - TRIM TRIM
25	LABORATORIO - ESPINHO
26	CAT
27	IPSS CENTRO SOCIAL DE PARAMOS
28	USF - ANTA
30	OUTRO PAIS
31	UNIDADE CONVALESCENCIA
32	INEM
33	HOSPITALACAO DOMICILIARIA
50	LIC - HOSP. DE VNGAIA
51	URGENCIA - ESPINHO
52	INTERNO
53	IPSS A SOC CONVIVIO - ESPINHO
54	CIR AMB-BLOCO/ESPINHO
55	IPSS MISERICORDIA ESPINHO
56	PE AMORIM IRMAOS SA - FEIRA
97	UNIDADE CUIDADOS CONTINUADOS
98	INST.DROGA E TOXICODEP.-FEIRA



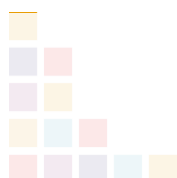


Value	Description
99	BLOCO

```
select cod_proveniencia,des_proveniencia from sys_proveniencias
```

sonho_v2.con_registadas.cod_destino

Value	Description
1	ABANDONO
2	CONSULTA EXTERNA
3	SERVICO DE INTERNAMENTO
4	HOSPITAL DIA
5	EXTERIOR NAO REFERENCIADO
6	FALECIDO COM AUTOPSIA
7	FALECIDO SEM AUTOPSIA
8	HOSPITAL NAO PERTENCENTE SNS
9	OUTRO HOSPITAL
10	SAIDA CONTRA PARECER DO MEDICO
11	ALTA DISCIPLINAR
12	ARS/ CENTRO DE SAUDE
13	ALTA ADMINISTRATIVA
14	SERVICO DOMICILIARIO
15	RECOBRO
16	NAO RESPONDEU A CHAMADA
17	MORGUE (ENTROU CADAVER)
18	EXTRAVIO DE BI
19	ALTA CLINICA
20	REINTERNAMENTO
21	CHVNG - UNIDADE 1
22	CHVNG - UNIDADE 2
23	COMPANHIA DE SEGUROS
24	TRANSFERIDO PARA OUTRO PAIS
25	CIRURGIA AMBULATORIO
26	RECUSOU TRATAMENTO
27	INSTITUTO MEDICINA LEGAL



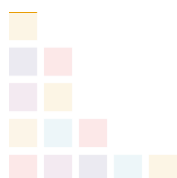


Value	Description
28	PEQUENA CIRURGIA
29	UNIDADE CUIDADOS CONTINUADOS
30	LAR 3 IDADE
31	ESPINHO - UNIDADE 3
32	ABANDONO SU S/ ASSIST. MEDICA
33	CENTRO REABILITACAO NORTE
34	HOSPITALIZACAO DOMICILIARIA
35	UNIDADE EXTERIOR
36	ARTICULACAO SU/ACES REF.MARC.
37	ALTA DOMICILIO - CONS CONTING
38	ALTA INTERNAMENTO-CONS CONTING
39	CONTINGENCIA TENDA
83	REF. AZUIS/VERDES/BR CN11/2022

```
select cod_destino, des_destino from sys_destinos
```

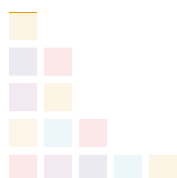
chedv.sys_proveniencias

Value	Description
1	URGENCIA
2	CONSULTA EXTERNA
3	SERVICO DE INTERNAMENTO
4	HOSPITAL DIA
5	EXTERIOR
7	ARS/CENTRO DE SAUDE
6	RECEM-NASCIDO
8	SAP-S. ATENDIMENTO PERMANENTE
9	OUTRO HOSPITAL
10	CLINICAS PRIVADAS
27	UCC VALE DE CAMBRA
12	FUNCIONARIOS
13	BLOCO AMBULATORIO
14	SEGURANCA SOCIAL
15	CAT





Value	Description
16	CONSULTA INTERNA
17	EXAMES ESPECIAS-MCDT
18	GABINETE MEDICO LEGAL
19	CENTRO DE HEMODIALISE DA FEIRA
20	RASTREIO OFTALMOLOGICO
21	CENTRO DE HEMODIALISE S.J.MAD.
22	CIRURGIA AMBUL./BLOCO
23	ENCAMINHADO PELO SAUDE 24
24	EXAMES PEDIDOS PELO SIGIC
25	UCC CASTELO PAIVA
26	U.S.FAMILIAR
28	UCC S. JOAO MADEIRA
30	LAR
31	UCC AROUCA
32	UCC MEALHADA
33	UCC CASA SAUDE GUIMARAES - AMI
34	AICIA - AROUCA
35	RASTREIO RETINOPATIA DIABETICA
36	APPC - ASSOC. PORTO PARALISIAL
37	CALEDIAL - CENTRO HEMODIALISA
38	UCC ESPINHO
39	UCC ILHAVO
40	UCC MATOSINHOS
41	UCC STA MARIA FEIRA
42	CENTRO DE HEMODIALISE OLIV.AZM
43	UCC OVAR
44	UCC ESCAPAES
45	UCC AVANCA
11	CONTRATO ISS
46	INEM
47	PIIC AROUCA
48	SIIMA RASTREIO C.C.R.
49	ACOMPANHANTE DE INTERNAMENTO



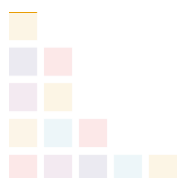


Value	Description
50	HOSPITALIZACAO DOMICILIARIA

```
select * from sgd.sys_proveniencias
```

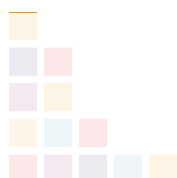
chedv.sys_destinos

Value	Description
1	ABANDONO
2	CONSULTA EXTERNA
3	SERVICO DE INTERNAMENTO
11	ALTA DISCIPLINAR
5	EXTERIOR NAO REFERENCIADO
6	FALECIDO COM AUTOPSIA
7	FALECIDO SEM AUTOPSIA
8	HOSPITAL NAO PERTENCENTE SNS
9	OUTRO HOSPITAL
10	SAIDA CONTRA PARECER DO MEDICO
12	ARS/ CENTRO DE SAUDE
13	ALTA ADMINISTRATIVA
14	SERVICO DOMICILIARIO
4	HOSPITAL DIA
15	RECOBRO
16	NAO RESPONDEU A CHAMADA
17	URGENCIA
18	CENTRO HEMODIALISE DA FEIRA
19	MEDICO ASSISTENTE
20	COMPANHIA DE SEGUROS
21	EXTERIOR/MEDICO ASSISTENTE
29	RECUSA DE ATENDIMENTO NO SAP
30	S.SOCIAL - AJUDAS TECNICAS
31	S.SOCIAL - REINTEGRACAO FAMIL.
32	S.SOCIAL - CENTRO DE DIA
33	S.SOCIAL - LAR
34	S.SOCIAL - C.ACOLHIMENTO TEMP.



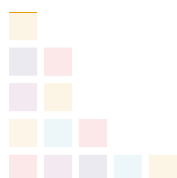


Value	Description
35	S.SOCIAL - FAMILIA ACOLHIMENTO
36	S.SOCIAL - CPCJ
37	S.SOCIAL - TRIBUNAL
38	S.SOCIAL - ACOM./APOIO COMUNI.
39	S.SOCIAL - CONSULTA ALCOOLOGIA
40	S.SOCIAL - ADOPCAO
41	S.SOCIAL - ELABORACAO REL.SOC.
43	S.SOCIAL - APOIO DOMICILIARIO
44	OUTRAS ENTIDADES
22	CENTRO HEMODIALISE S.J.MADEIRA
23	U.C.CONTINUADOS V.CAMBRA
24	U.C.CONTINUADOS AROUCA
45	URGENCIA - PEDIATRIA
25	U.C.CONTINUADOS CASTELO PAIVA
26	RNCCI - U. CONVALESC. AGUEDA
27	U.C.CONTINUADOS AGUEDA
28	U.C.CONTINUADOS VILA DO CONDE
46	U.C.CONTINUADOS FUNDÃO
47	U.C.CONTINUADOS MEALHADA
48	U.C.CONTINUADOS S.J.MADEIRA
49	CENTRO HEMODIALISE OL. AZEMEIS
50	U.C.CONTINUADOS ESPINHO
51	RNCCI - IPO PORTO (PALIATIVOS)
53	RNCCI - U. CONVALESCENCA OVAR
52	OUTRO HOSPITAL/CONS. EXTERNA
54	U.C.CONTINUADOS VILA REAL
55	RNCCI - MIRANDA DO DOURO - LNG
56	RNCCI - FREIXO ESPADA-A-CINTA
57	U.C.CONTINUADOS ANADIA
58	U.C.CONTINUADOS CANTANHEDE
59	RNCCI - U. CONV. FELGUEIRAS
60	RESIDENCIAS MONTEPIO
62	CASA SAUDE GUIMARAES





Value	Description
61	RNCCI MURCA
63	AMI - CLIHOTEL DE GAIA
64	U.CUIDADOS CONTINUADOS VALONGO
65	U.CUIDADOS PALEATIVOS MEALHADA
66	U.CUIDADOS CONTINUADOS ALIJO
67	RNCCI - TORRE MONCORVO
68	RNCCI - MATOSINHOS
69	RNCCI - HOSP. MISERIC. PAREDES
70	RNCCI - CARLTON LIFE PORTO
71	RNCCI - 5SENSI
72	INSTITUTO RETO - PEROSINHO
73	RNCCI - MARCO CANAVESES
74	RNCCI - FAMALICAO
75	RNCCI - ULDM VIZELA
76	SCM RESENDE (VISEU)
77	RNCCI - BRAGA
42	HOSPITALIZACAO DOMICILIARIA
79	RNCCI - ILHAVO
81	RNCCI - TONDELA
80	SOLAR BILADONNES
82	RNCCI - SANTA COMBA DAO
83	REF.AZUIS/VERDES/BR CN11/2022
84	RNCCI CONTINUADOS LOUSADA
85	RNCCI ECL URBANA/FMP COIMBRA
86	RNCCI IDANHA A NOVA
87	RNCCI - POVOA VARZIM
88	RNCCI - SMC POVOA LANHOSO
89	UCC STA CASA MISER. FELGUEIRAS
90	UCC TAROUCA
91	RNCCI RADELFE - PACOS FERREIRA
92	UCC SCM RIBA DE AVE
93	HOSPITAL PRELADA
94	CLIRIA - CLINICA DE OIA



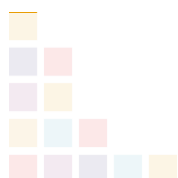


Value	Description
95	UCC CINFAES
96	CENTRO HEMODIALISE GULPILHARES
97	UCC VILA FLOR
98	UCC FAFE
99	UCC MONCA0
78	RNCCI - OUTRAS ENTIDADES
0	ALTA_CSP (CN/11/22)

```
select * from sgd.sys_proveniencias
```

chbv.sonho.sys_proveniencias

Value	Description
1	URGENCIA
2	CONSULTA EXTERNA
3	SERVICO DE INTERNAMENTO
4	HOSPITAL DIA
5	EXTERIOR
7	ARS/CENTRO DE SAUDE
6	RECEM-NASCIDO
8	SAP-S. ATENDIMENTO PERMANENTE
9	TRANSFERIDO DE OUTRO HOSPITAL
10	UNIVERSIDADE
11	CLINICAS PRIVADAS
12	CONTENCIOSO/TRIBUNAIS
13	AUTORIZACAO MEDICA
14	PEQUENA CIRURGIA
15	CENTRO ATEND.TOXICODEPENDENTES
16	ACESSO
17	RASTREIO COLO UTERO
18	PECLEC
19	CIRURGIA AMBULATORIA
20	SIGIC
21	SIGIC-EXTERNO



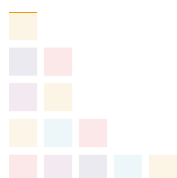


Value	Description
22	ENCAMINHADO POR SAUDE 24
23	UNID. SAUDE ALCOOLOGIA COIMBRA
24	EST. PRISIONAL AVEIRO
25	CHBV: UNIDADE AGUEDA
26	CHBV: UNIDADE ESTARREJA
27	INSTITUTO PORTUGUES SANGUE
28	CAD
29	LARES
99	BLOCO
30	PIC
31	INEM
33	RASTREIO GASTRO
32	CH DO OESTE
34	RASTREI ESTAGIARIOS
35	RASTREIO OFTALMOLOGICO
36	AMIM (A.Med.Incap. Multiusos)
37	ASSOCIACAO ABRACO
38	HOSPITALIZACAO DOMICILIARIA
39	GAT-GRUPO ATIVISTAS TRATAMENTO

```
select * from sgd.sys_destinos
```

chbv.sonho.sys_destinos

Value	Description
1	ABANDONO
2	CONSULTA EXTERNA
3	SERVICO DE INTERNAMENTO
4	HOSPITAL DIA
5	EXTERIOR NAO REFERENCIADO
6	FALECIDO COM AUTOPSIA
7	FALECIDO SEM AUTOPSIA
8	HOSPITAL NAO PERTENCENTE SNS
9	OUTRO HOSPITAL





Value	Description
10	SAIDA CONTRA PARECER DO MEDICO
11	ALTA DISCIPLINAR
12	ARS/ CENTRO DE SAUDE
13	ALTA ADMINISTRATIVA
14	SERVICO DOMICILIARIO
15	RECOBRO
16	ALTA SERV CL COMP SEGUROS
17	NAO UTILIZAR - INVALIDO
18	CONS EXTERNA OUTRO HOSPITAL
19	LISTA ESPERA CIRURGICA
20	NAO UTILIZAR TRANSF INTRA-CHBV
21	HOSPITALIZACAO DOMICILIARIA
22	SERVICO INTERNAMENTO CHBV
25	CUIDADOS CONTINUADOS INTEGRADO
26	BELLA VIDA AVEIRO PROTOCOLO
27	PSIQ.EXT - ORDENS RELIGIOSAS
28	PSIQ.EXT - OUTRAS INSTIRUICOES
29	DOMUS VI DOM PEDRO V
83	REF.AZUIS/VERDES/BR CN11/2022
97	INTERNAMENTO INVALIDO
98	NAO RESPONDEU A CHAMADA
99	ALTA INTERNAMENTO DUPLICADO

