



Update COVID Meds Inventory

Version 1.0

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Document Control

Resources: (include Project Team Members, Liaisons, Vendor Contacts, etc.)

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1. Introduction

1.1 Purpose

The purpose of this ops job is to query the database for all Remdesivir, Bamlanivimab, Casirivimab, and Imdevimab orders and determine whether a dose was given to a patient. For each dose given within the past day, the ops job will update the CUST_COVID_MEDS_INV and CUST_COVID_MEDS_INV_DET tables reflecting the number of doses given.

The custom tables are used by avh_updt_covid_meds_inv, which store COVID information that is sent to the state and the federal government.

1.2 Document References

List all documents or Web addresses to which this IDBB refers; provide enough information so that the reader can access a copy of each reference. Include the title, author, version number, date, and source or location.

N/A

2. Diagram

Provide a solution diagram that depicts the integration of components specified in this IDBB. This

diagram must include the data flow for the interfaces (source and target).

Source Name	System	Destination	IP	Port	Filepath

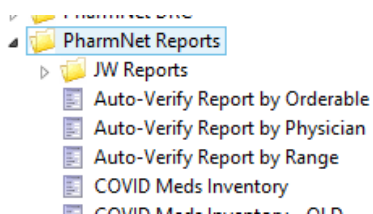
3. Build

Provide a description of the control group, schedule, steps, and batch

Control Group	Schedule	Time	Step	Script	Batch Parameter
antecaapp1_Pharmacy	Daily	2359	05	ccl_run_program_from_ops	avh_updt_covid_meds_inv

When the avh_updt_covid_meds_inv script runs, it looks for all doses of Remdesivir, Bamlanivimab, Casirivimab, and Imdevimab that have been given that day. Once it finds them, it subtracts that number from the current quantity.

The avh_updt_covid_meds_inv program can also be run via DA2. Running the program via DA2 will add vials to the inventory when new shipments come arrive. You can also subtract vials if the inventory count is wrong or a mistake is made. The report is available from Explorer Menu Reports -> Main Menu -> PharmNet Reports -> COVID Meds Inventory.



Select a COVID Med from the type. The current quantity will display in the 'COVID Med Quantity' field. Enter the number of addition vials to add or subtract from inventory. Select 'Add' or 'Subtract' radio button and click Execute.

4. Data Transformation Requirements

Field Description	HL7 Field Loc.	Notes

5. Troubleshooting

6. Build

The following scripts were run on each backend node. This creates a custom table that can be used to store custom inventory information.

```
;CUST_COVID_MEDS_INV
```

```
rdb create sequence CUST_COVID_MEDS_INV_SEQ
start with 10000
increment by 1
minvalue 1
nomaxvalue
nocache
nocycle
order
end
go
```

```
rdb create public synonym CUST_COVID_MEDS_INV_SEQ for CUST_COVID_MEDS_INV_SEQ end go
rdb grant select on CUST_COVID_MEDS_INV_SEQ to public end go
```

```
select into table CUST_COVID_MEDS_INV
inventory_id = type("f8")
, item = type("c30")
, quantity = type("i4")
, updt_cnt = type("i4")
, updt_dt_tm = type("dq8")
, updt_id = type("f8")
, updt_task = type("i4")
with organization = "P"
, synonym = "CUST_COVID_MEDS_INV"
, index(inventory_id)
go
```

```
;insert meds
```

```
insert into CUST_COVID_MEDS_INV
set inventory_id = seq(CUST_COVID_MEDS_INV_SEQ,nextval)
, item = "remdesivir"
, quantity = 0
, updt_cnt = 0
, updt_dt_tm = cnvtdatetime(curdate,curtime3)
, updt_id = 14023328 ;yitzhak magoon
, updt_task = 0
go
```

```
insert into CUST_COVID_MEDS_INV
set inventory_id = seq(CUST_COVID_MEDS_INV_SEQ,nextval)
, item = "bamlanivimab"
, quantity = 0
, updt_cnt = 0
, updt_dt_tm = cnvtdatetime(curdate,curtime3)
, updt_id = 14023328 ;yitzhak magoon
, updt_task = 0
go
```

```
insert into CUST_COVID_MEDS_INV
set inventory_id = seq(CUST_COVID_MEDS_INV_SEQ,nextval)
, item = "casirivimab"
, quantity = 0
, updt_cnt = 0
, updt_dt_tm = cnvtdatetime(curdate,curtime3)
, updt_id = 14023328 ;yitzhak magoon
, updt_task = 0
go
```

```

insert into CUST_COVID_MEDS_INV
set inventory_id = seq(CUST_COVID_MEDS_INV_SEQ,nextval)
, item = "imdevimab"
, quantity = 0
, updt_cnt = 0
, updt_dt_tm = cnvtdatetime(curdate,curtime3)
, updt_id = 14023328 ;yitzhak magoon
, updt_task = 0
go

;CUST_COVID_MEDS_INV_DET
rdb create sequence CUST_COVID_MEDS_INV_DET_SEQ
start with 10000
increment by 1
minvalue 1
nomaxvalue
nocache
nocycle
order
end
go

rdb create public synonym CUST_COVID_MEDS_INV_DET_SEQ for CUST_COVID_MEDS_INV_DET_SEQ
end go
rdb grant select on CUST_COVID_MEDS_INV_DET_SEQ to public end go

select into table CUST_COVID_MEDS_INV_DET
inventory_det_id = type("f8")
, inventory_id = type("f8")
, item = type("c30")
, detail_type = type("c30")
, quantity = type("i4")
, updt_cnt = type("i4")
, updt_dt_tm = type("dq8")
, updt_id = type("f8")
, updt_task = type("i4")
with organization = "P"
, synonym = "CUST_COVID_MEDS_INV_DET"
, index(inventory_det_id)
, index(inventory_id)
go

```

Appendix A: Risks and Concerns

Project Name

Number	Risk / Concern	Comment	Mitigation
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Appendix B: Issues List

This is a dynamic list of the open issues related to the IDBB that remain to be solved, including but not limited to TBDs, pending decisions, information needed, conflict awaiting resolution, and the like.

Project Name

Number	Issue	Comment	Fix
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