

Use Case 1_ Replace old facts with new facts

In this case the old set of facts is replaced with a new set of facts for the matching encounter.

Example:

```
<observation update_date="2008-05-04T18:13:51.498-04:00" sourcesystem_cd="PFT">
<event_id source="HIVE">100</event_id>
<patient_id source="HIVE">100</patient_id>
<concept_cd>LCS-I2B2:pulweight</concept_cd>
<nval_num>100.9</nval_num>
</observation>
<observation update_date="2008-05-04T18:13:51.498-04:00" sourcesystem_cd="PFT">
<event_id source="HIVE">100</event_id>
<patient_id source="HIVE">100</patient_id>
<concept_cd>LCS-I2B2:pulheight</concept_cd>
<nval_num>6.0</nval_num>
</observation>
<observation update_date="2008-05-04T18:13:51.498-04:00" sourcesystem_cd="PFT">
<event_id source="HIVE">100</event_id>
<patient_id source="HIVE">100</patient_id>
<concept_cd>LCS-I2B2:pulfev1pred</concept_cd>
<nval_num>76</nval_num>
</observation>
```

The rows in the OBSERVATION_FACT table **before** the update:

ENCOUNTER_NUM	PATIENT_NUM	CONCEPT_CD	NVAL_NUM	UPDATE_DATE
100	100	FC30.00620	10.9	2008-05-04 18:13:51
100	100	FC30.00621	20.2	2008-05-04 18:13:51
100	100	FC30.00622	6.0	2008-05-04 18:13:51

The rows in the OBSERVATION_FACT table **after** the update:

ENCOUNTER_NUM	PATIENT_NUM	CONCEPT_CD	NVAL_NUM	UPDATE_DATE
100	100	LCSI2B2:pulweight	100.9	2008-05-04 18:13:51
100	100	LCSI2B2:pulheight	6.0	2008-05-04 18:13:51
100	100	LCSI2B2:pulfev1pred	76	2008-05-04 18:13:51