

## Use Case 2\_ Create new entry if patient does not exist

*(<patient> not found, generate [max + 1])*

If the <patient\_id> source in the <patient> object is not 'HIVE' and the PATIENT\_ID source ('MGH') and value ('123') combination do not exist, then a new PATIENT\_NUM with value max (patient\_num)+1 will be generated. All the PATIENT\_NUMs for this patient will receive this value. The new patient number must also be added to the PATIENT\_DIMENSION table

**Example:**

New <patient\_id> source / value pair = 'MGH' / 123

Select max(patient\_num) from patient\_mapping = 527

New patient\_num = max(patient\_num) + 1 = 528

```
<span style="color: #0000ff"><</span><span style="color: #a31515">pid</span><span style="color: #0000ff">></span>
<span style="color: #0000ff"><</span><span style="color: #a31515">patient_map_id</span> <span style="color: #ff0000">source</span>=<span style="
color: #0000ff">MGH</span><span style="color: #0000ff">></span>123<span style="color: #0000ff"></span><span style="color: #a31515"
>patient_map_id</span><span style="color: #0000ff">></span>
<span style="color: #0000ff"><</span><span style="color: #a31515">pid</span><span style="color: #0000ff">></span>
```

The rows in the PATIENT\_MAPPING table will appear as follows:

PATIENT_IDE	PATIENT_IDE_SOURCE	PATIENT_NUM	PATIENT_IDE_STATUS
123	MGH	528	A
528	HIVE	528	A