

# Use Case 1\_ Create new entry if PID not found

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

If the <patient\_id> source / value pair has not been added to the mapping table, a new PATIENT\_NUM with value max(patient\_num)+1 should be generated and 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 = 'EMPI' / 1000000

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_id</span> <span style="color: #ff0000">source</span>=<span style="color: #0000ff">EMPI</span></span><span style="color: #0000ff">></span><span style="color: #0000ff"><</span><span style="color: #a31515">patient_id</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><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">patient_map_id</span> <span style="color: #ff0000">source</span>=<span style="color: #0000ff">BWH</span></span><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 |
|-------------|--------------------|-------------|--------------------|
| 1000000     | EMPI               | 528         | A                  |
| 123         | MGH                | 528         | A                  |
| 777         | BWH                | 528         | A                  |
| 528         | HIVE               | 528         | A                  |