Reminder for Calculating HCPCS and NDC Units

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Reminder: Texas Medicaid and Children with Special Health Care Needs (CSHCN) Services Program providers must submit both Healthcare Common Procedure Coding System (HCPCS) units and National Drug Code (NDC) units on any drug claims submitted for outpatient clinician-administered drugs.

HCPCS units measure the strength of the drug administered, while NDC units measure the quantity or volume of the drug administered. Providers must submit the strength of the drug administered to the client, as this is the HCPCS unit. Providers must also submit the quantity/volume of the drug administered by using the calculated HCPCS unit to determine the correct NDC unit.

When submitting NDCs:

- The submitted units must be in milliliters (ML) when the NDC is for a liquid medication.
- The submitted units must be in units (UN) when the NDC is for a medication in powder form.
- Other allowable NDC units are:
  - GR for gram
  - F2 for international unit
  - ME for milligram

Both the HCPCS and the NDC unit are required to be submitted with every claim. Refer to the [HHSC HCPCS-NDC Crosswalk](https://www.hhsc.state.tx.us) for specific NDC package measures, billing units, and conversion factors.

The following are three examples of how to calculate the HCPCS and NDC units (refer to the table below):

- **Row 1:** A patient receives 4 mg Zofran IV in the physician’s office. The NDC of the product used is 00173-0442-02 (Zofran 2 mg/ml in solution form). There are 2 milliliters per vial. The provider should bill J2405 for ondansetron hydrochloride with 4 HCPCS units and the NDC units submitted should be 2 ML.

- **Row 2:** A patient receives 8 mg of Avastin IV in the physician’s office. The NDC of the product used is 50242-060-01 (Avastin 25mg/ml). The provider should bill J9035 for bevacizumab with 0.8 HCPCS unit. The NDC unit is 0.32 ML.

- **Row 3:** A patient receives 1 gm Rocephin IM in the physician’s office. The NDC of the product used is 00004-1963-02 (Rocephin 500 mg vial in a powder form that is reconstituted prior to the injection). The provider should bill J0696 for ceftriaxone sodium with 4 HCPCS units. The NDC unit is 2 UN because this NDC is in powder form.

**How to Calculate and Determine HCPCS & NDC Unit Quantities Required for Billing:**
<table>
<thead>
<tr>
<th>Administered Medication</th>
<th>Dosage Administered to Patient</th>
<th>HCPCS Code and Given Unit</th>
<th>Calculation (Dosage divided by units found in HCPCS code)</th>
<th>HCPCS Code Billing Unit(s)</th>
<th>NDC Information on Vial/Box</th>
<th>Conversion Factor (CF) (HCPCS unit from code description divided by NDC unit from vial/box)</th>
<th>NDC Billing Unit(s)</th>
<th>Quantity Information Required on Claim (HCPCS units &amp; NDC units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Zofran</td>
<td>4 mg</td>
<td>J2405 Per 1 mg</td>
<td>4mg / 1mg = 4</td>
<td>2mg/ml</td>
<td>1mg / 2mg = 0.5 CF = 0.5</td>
<td>4 x 0.5 = 2 ML</td>
<td>4 &amp; 2 ML</td>
<td></td>
</tr>
<tr>
<td>2) Avastin</td>
<td>8mg</td>
<td>J9035 Per 10 mg</td>
<td>8mg / 10mg = 0.8</td>
<td>25mg/ml</td>
<td>10m g / 25m g = 0.4 CF = 0.4</td>
<td>0.8 x 0.4 = 0.32 ML</td>
<td>0.8 &amp; 0.32 ML</td>
<td></td>
</tr>
<tr>
<td>3) Rocephin</td>
<td>1gm = 1000mg</td>
<td>J0696 Per 250 mg</td>
<td>1000mg / 250mg = 4</td>
<td>500mg/vial (powder form)</td>
<td>250mg / 500mg = 0.5 CF = 0.5</td>
<td>4 x 0.5 = 2 UN</td>
<td>4 &amp; 2 UN</td>
<td></td>
</tr>
</tbody>
</table>

For more information, providers can refer to the TMHP NDC web page at [http://www.tmhp.com/Pages/Topics/NDC.aspx](http://www.tmhp.com/Pages/Topics/NDC.aspx), and the Clinician-Administered Drug FAQ at [TxVendorDrug.com/formulary/clinician-administered-drugs.shtml](http://TxVendorDrug.com/formulary/clinician-administered-drugs.shtml).